

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032422\
 Data File : VD072418.D
 Acq On : 24 Mar 2022 20:07
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/25/2022
 Supervised By : Mahesh Dadoda 03/25/2022

Quant Time: Mar 25 02:59:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	387686	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	656323	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	617121	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	303672	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	239576	55.450	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.900%	
35) Dibromofluoromethane	7.908	113	241304	52.246	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.500%	
50) Toluene-d8	10.338	98	859482	50.893	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.780%	
62) 4-Bromofluorobenzene	12.620	95	327934	49.976	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 99.960%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	136059	37.943	ug/l	94
3) Chloromethane	2.209	50	175749	55.156	ug/l	98
4) Vinyl Chloride	2.350	62	170347	55.384	ug/l	98
5) Bromomethane	2.767	94	117674	58.753	ug/l	91
6) Chloroethane	2.926	64	116576	57.326	ug/l	99
7) Trichlorofluoromethane	3.273	101	304492	43.837	ug/l	100
8) Diethyl Ether	3.709	74	104254	54.345	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.103	101	195916	44.235	ug/l	96
10) Methyl Iodide	4.297	142	180741	45.749	ug/l	97
11) Tert butyl alcohol	5.214	59	66122	263.949	ug/l	100
12) 1,1-Dichloroethene	4.067	96	170460	47.840	ug/l	95
13) Acrolein	3.926	56	23966	107.213	ug/l	99
14) Allyl chloride	4.714	41	336661	54.040	ug/l	94
15) Acrylonitrile	5.414	53	278250	287.457	ug/l	98
16) Acetone	4.150	43	212630	226.666	ug/l	94
17) Carbon Disulfide	4.414	76	380972	45.969	ug/l	96
18) Methyl Acetate	4.720	43	128233	55.781	ug/l	96
19) Methyl tert-butyl Ether	5.479	73	529741	54.699	ug/l	96
20) Methylene Chloride	4.961	84	249079	54.183	ug/l	90
21) trans-1,2-Dichloroethene	5.473	96	204889	51.989	ug/l	96
22) Diisopropyl ether	6.361	45	793899	55.871	ug/l	95
23) Vinyl Acetate	6.303	43	2149281	296.376	ug/l	96
24) 1,1-Dichloroethane	6.261	63	440412	52.554	ug/l	99
25) 2-Butanone	7.208	43	337144	269.553	ug/l	95
26) 2,2-Dichloropropane	7.208	77	342465	45.292	ug/l	96
27) cis-1,2-Dichloroethene	7.214	96	263677	52.406	ug/l	95
28) Bromochloromethane	7.538	49	206806	61.300	ug/l	88
29) Tetrahydrofuran	7.561	42	222722	302.835	ug/l	97
30) Chloroform	7.708	83	460345	51.564	ug/l	98
31) Cyclohexane	7.985	56	321532	47.633	ug/l	92
32) 1,1,1-Trichloroethane	7.903	97	378621	47.750	ug/l	98
36) 1,1-Dichloropropene	8.108	75	300185	46.330	ug/l	97
37) Ethyl Acetate	7.291	43	152841	53.851	ug/l	98
38) Carbon Tetrachloride	8.097	117	314964	42.764	ug/l	100
39) Methylcyclohexane	9.355	83	334345	45.857	ug/l	99
40) Benzene	8.350	78	915330	49.518	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	106017	64.087	ug/l	97
42) 1,2-Dichloroethane	8.420	62	281362	50.177	ug/l	97
43) Isopropyl Acetate	8.450	43	304204	55.221	ug/l	97
44) Trichloroethene	9.108	130	241333	46.506	ug/l	95
45) 1,2-Dichloropropane	9.385	63	253220	49.950	ug/l	98
46) Dibromomethane	9.473	93	127609	51.173	ug/l	95
47) Bromodichloromethane	9.655	83	353753	48.661	ug/l	99
48) Methyl methacrylate	9.449	41	135853	51.647	ug/l #	83
49) 1,4-Dioxane	9.455	88	31059	1038.636	ug/l #	91
51) 4-Methyl-2-Pentanone	10.220	43	805686	278.461	ug/l	96
52) Toluene	10.397	92	585325	48.122	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	325083	48.944	ug/l	99
54) cis-1,3-Dichloropropene	10.085	75	381490	49.685	ug/l	94
55) 1,1,2-Trichloroethane	10.791	97	212157	55.849	ug/l	94
56) Ethyl methacrylate	10.655	69	270638	60.825	ug/l	95
57) 1,3-Dichloropropane	10.938	76	324179	50.847	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	568315	284.072	ug/l	97
59) 2-Hexanone	10.979	43	593769	297.129	ug/l	98
60) Dibromochloromethane	11.138	129	236525	47.983	ug/l	98
61) 1,2-Dibromoethane	11.238	107	174733	50.904	ug/l	97
64) Tetrachloroethene	10.873	164	192998	44.387	ug/l	99
65) Chlorobenzene	11.667	112	647656	47.339	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.738	131	246030	45.475	ug/l	99
67) Ethyl Benzene	11.738	91	1162874	47.590	ug/l	99
68) m/p-Xylenes	11.849	106	871219	93.896	ug/l	100
69) o-Xylene	12.173	106	427968	48.221	ug/l	98
70) Styrene	12.185	104	744705	48.052	ug/l	98
71) Bromoform	12.355	173	133295	46.123	ug/l #	97
73) Isopropylbenzene	12.473	105	1152685	47.900	ug/l	99
74) N-amyl acetate	12.279	43	331792	64.158	ug/l #	96
75) 1,1,2,2-Tetrachloroethane	12.720	83	219561	51.015	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	145772m	43.517	ug/l	
77) Bromobenzene	12.749	156	257051	47.459	ug/l	98
78) n-propylbenzene	12.814	91	1390146	47.559	ug/l	98
79) 2-Chlorotoluene	12.896	91	810576	47.957	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	954763	46.182	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	67226	49.793	ug/l	93
82) 4-Chlorotoluene	12.996	91	832782	47.585	ug/l	100
83) tert-Butylbenzene	13.214	119	835521	46.098	ug/l	98
84) 1,2,4-Trimethylbenzene	13.261	105	950503	46.661	ug/l	100
85) sec-Butylbenzene	13.390	105	1233746	45.327	ug/l	99
86) p-Isopropyltoluene	13.508	119	1017436	45.426	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	525073	46.256	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	511400	45.432	ug/l	99
89) n-Butylbenzene	13.832	91	976637	45.747	ug/l	99
90) Hexachloroethane	14.102	117	192744	43.907	ug/l	97
91) 1,2-Dichlorobenzene	13.879	146	460945	46.574	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.490	75	33967	49.452	ug/l	87
93) 1,2,4-Trichlorobenzene	15.149	180	291393	44.471	ug/l	100
94) Hexachlorobutadiene	15.255	225	153256	40.209	ug/l	99
95) Naphthalene	15.384	128	566814	50.183	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	253259	44.653	ug/l	100

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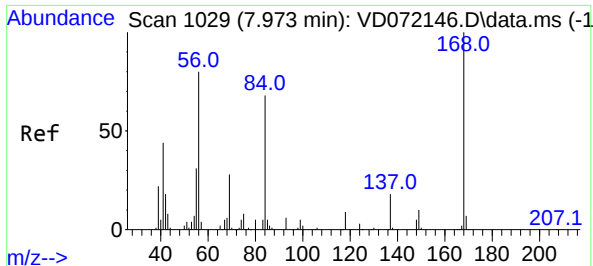
Manual Integrations
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 Supervised By : Mahesh Dadoda 03/25/2022

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07

Instrument :

MSVOA_D

ClientSampleId :

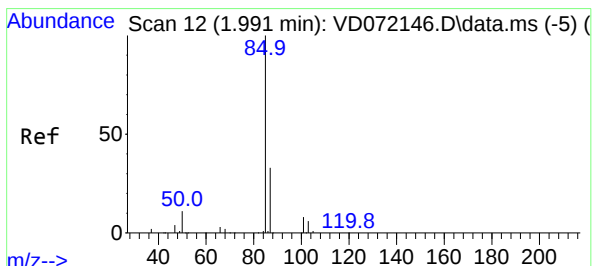
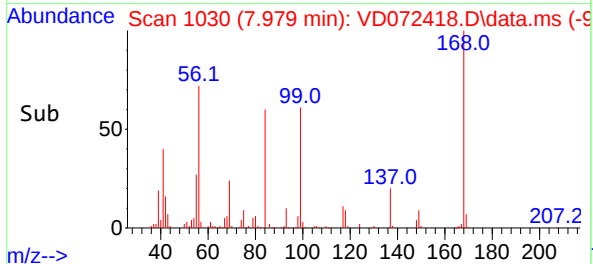
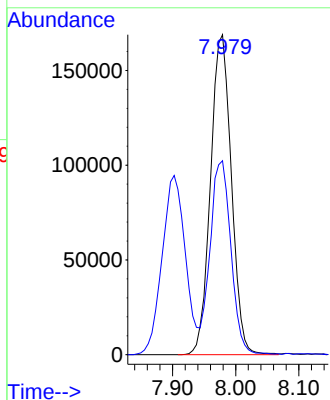
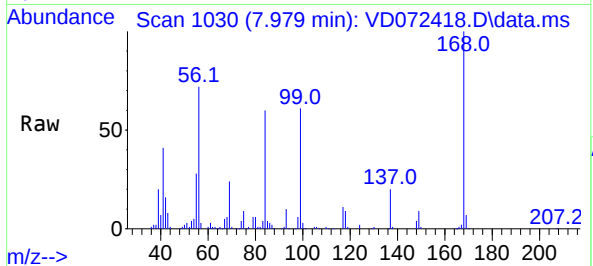
VSTDCCC050EC

Tgt Ion:168 Resp: 387680
Ion Ratio Lower Upper
168 100
99 60.3 49.8 74.6

Manual Integrations

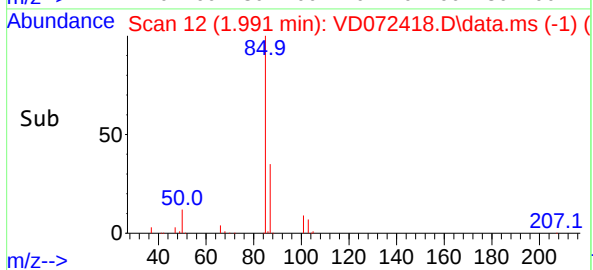
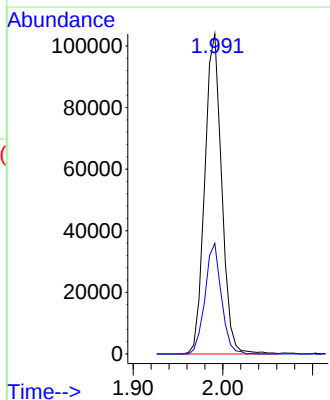
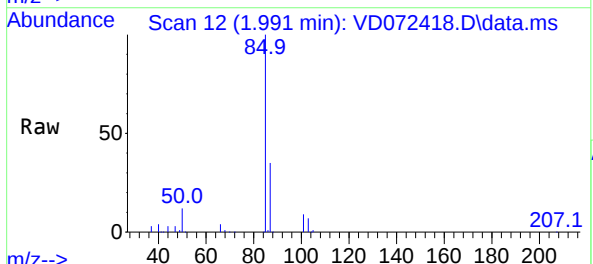
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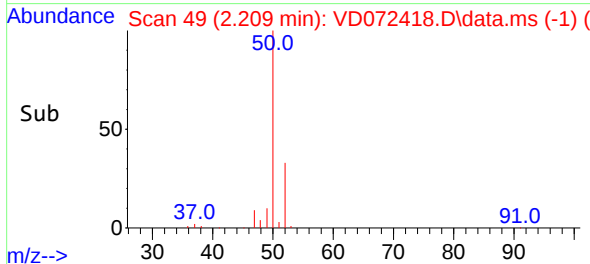
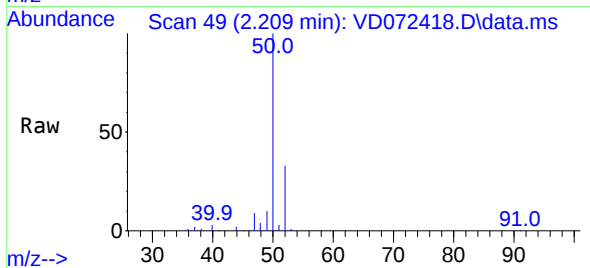
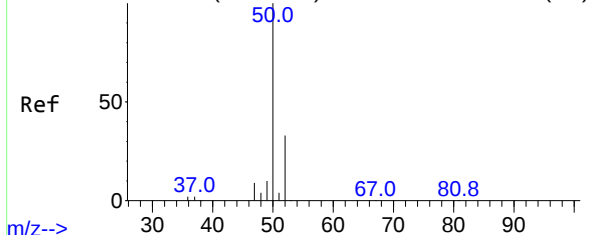


#2
Dichlorodifluoromethane
Concen: 37.943 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07

Tgt Ion: 85 Resp: 136059
Ion Ratio Lower Upper
85 100
87 34.6 15.7 47.0



Abundance Scan 49 (2.209 min): VD072146.D\data.ms (-42)



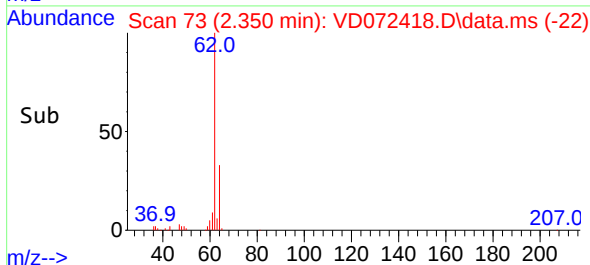
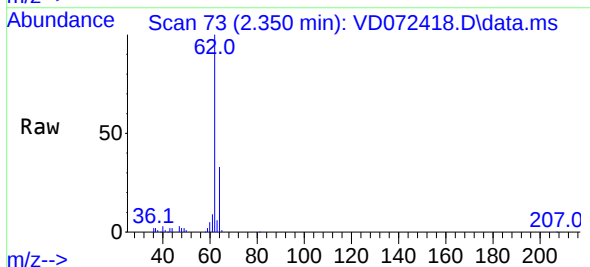
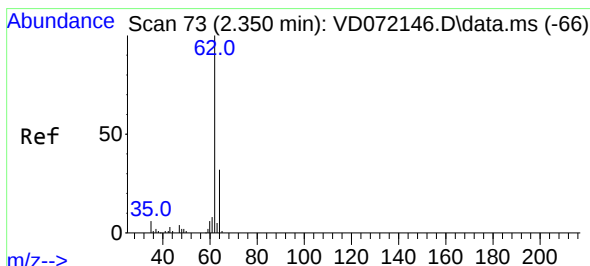
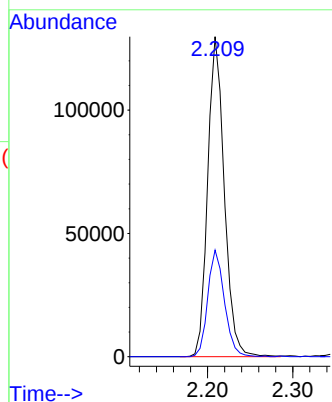
#3
Chloromethane
Concen: 55.156 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07

Tgt Ion: 50 Resp: 175749
Ion Ratio Lower Upper
50 100
52 33.3 27.4 41.0

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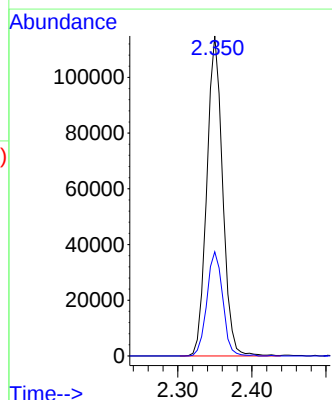
Manual Integrations
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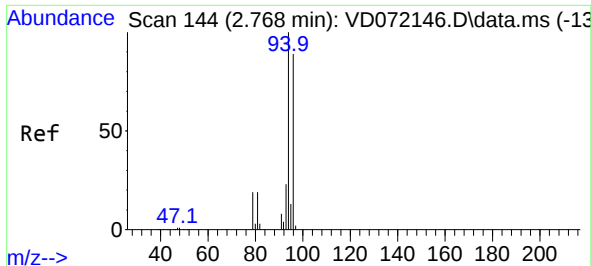
Reviewed By :John Carlone 03/25/2022
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#4
Vinyl Chloride
Concen: 55.384 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07

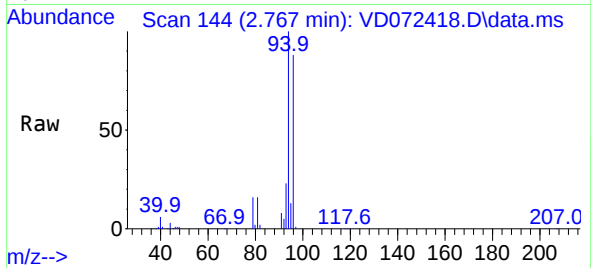
Tgt Ion: 62 Resp: 170347
Ion Ratio Lower Upper
62 100
64 32.6 25.4 38.0





#5
Bromomethane
Concen: 58.753 ug/l
RT: 2.767 min Scan# 144
Delta R.T. -0.000 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07

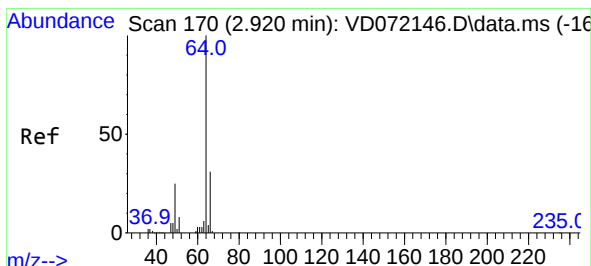
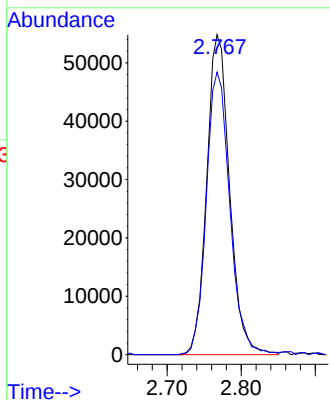
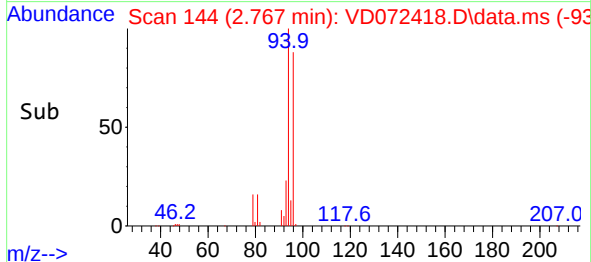
Instrument :
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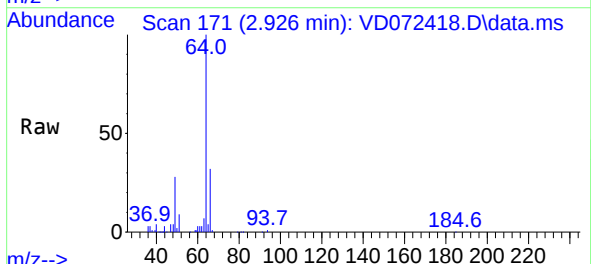
Tgt Ion: 94 Resp: 117674
Ion Ratio Lower Upper
94 100
96 88.3 77.6 116.4

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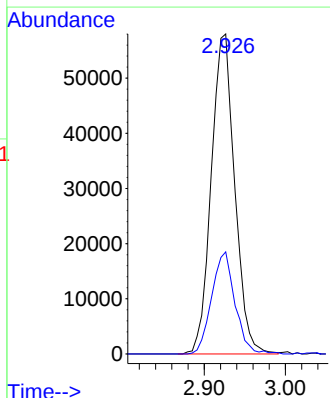
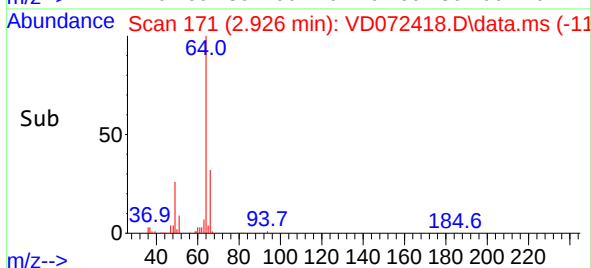
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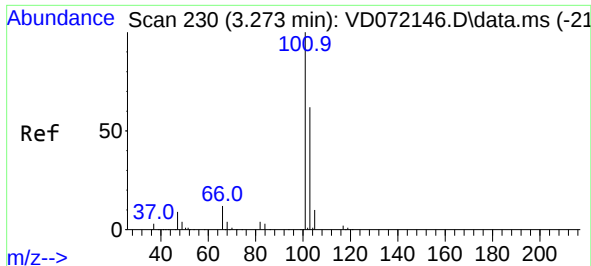


#6
Chloroethane
Concen: 57.326 ug/l
RT: 2.926 min Scan# 171
Delta R.T. 0.006 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07



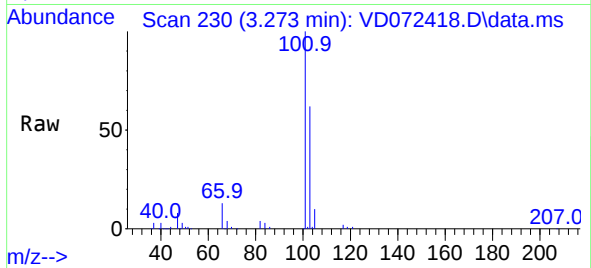
Tgt Ion: 64 Resp: 116576
Ion Ratio Lower Upper
64 100
66 31.9 25.9 38.9





#7
Trichlorofluoromethane
Concen: 43.837 ug/l
RT: 3.273 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07

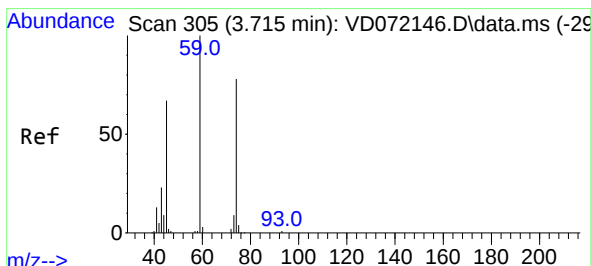
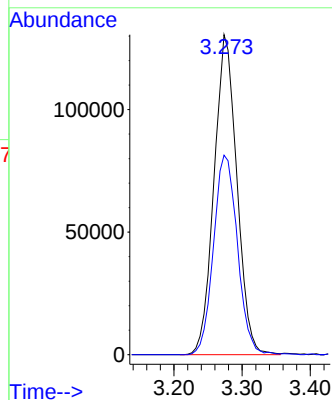
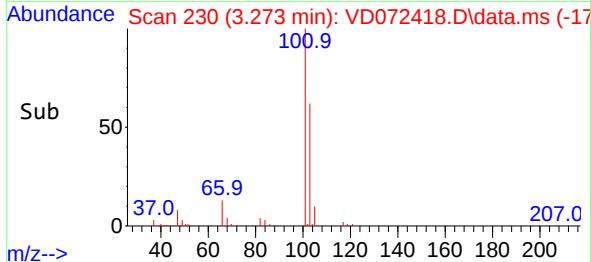
Instrument :
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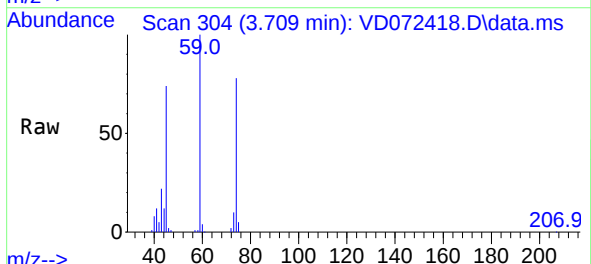
Tgt Ion:101 Resp: 304492
Ion Ratio Lower Upper
101 100
103 62.4 50.1 75.1

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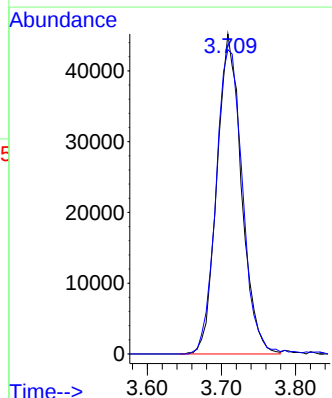
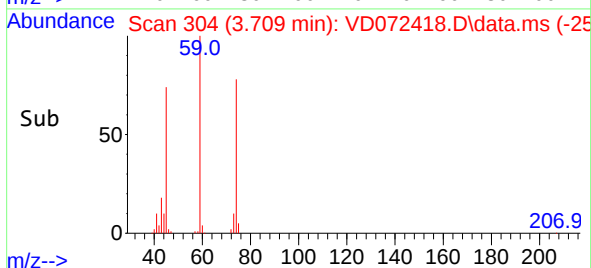
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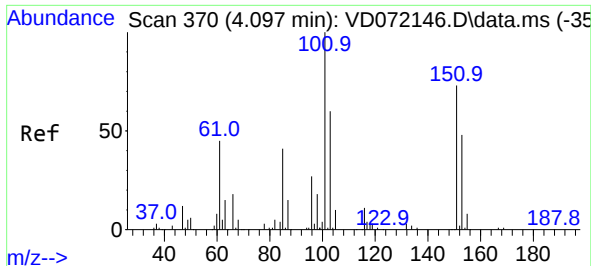


#8
Diethyl Ether
Concen: 54.345 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.006 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07



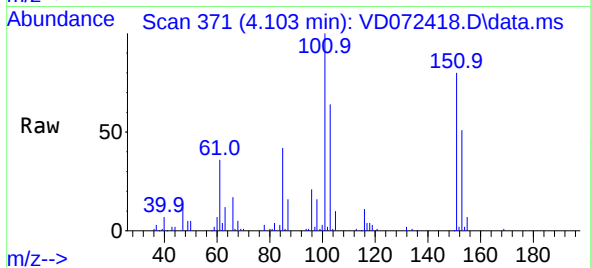
Tgt Ion: 74 Resp: 104254
Ion Ratio Lower Upper
74 100
45 102.7 52.6 157.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.235 ug/l
RT: 4.103 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07

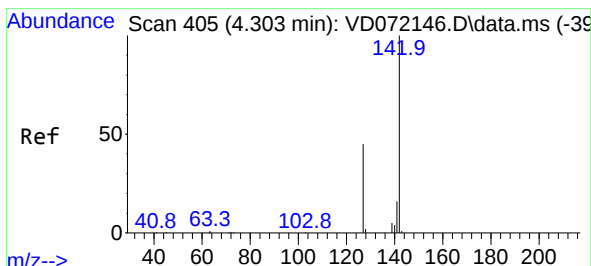
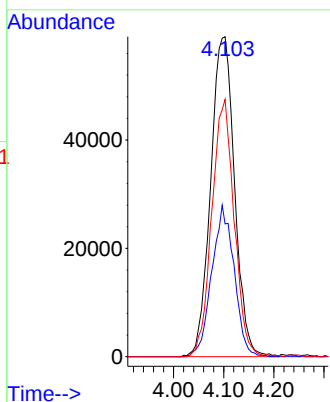
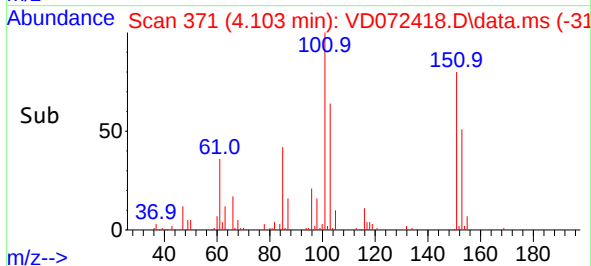
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



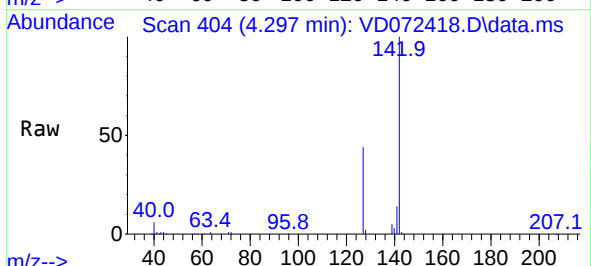
Tgt Ion:101 Resp: 195910
Ion Ratio Lower Upper
101 100
85 44.1 36.4 54.6
151 75.3 57.3 85.9

Manual Integrations
APPROVED

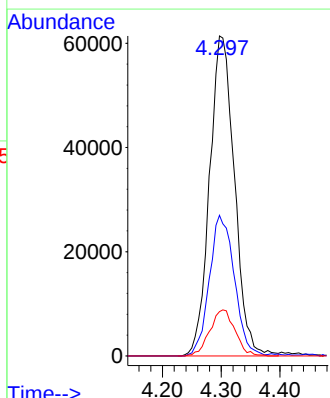
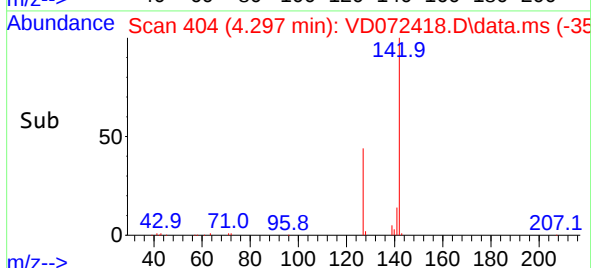
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

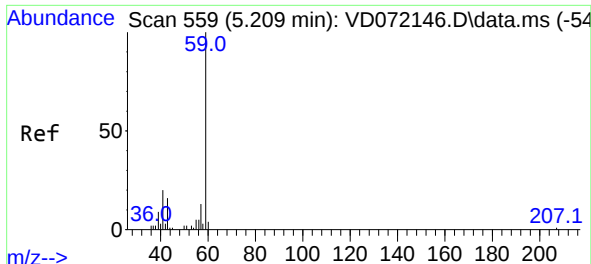


#10
Methyl Iodide
Concen: 45.749 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07



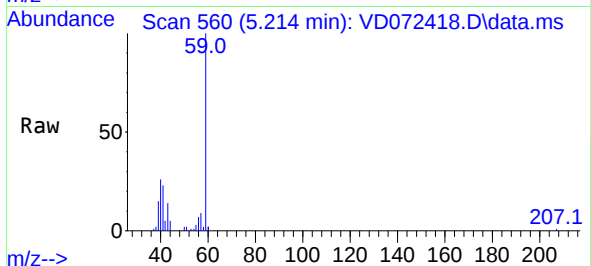
Tgt Ion:142 Resp: 180741
Ion Ratio Lower Upper
142 100
127 44.1 37.3 55.9
141 14.6 11.7 17.5





#11
Tert butyl alcohol
Concen: 263.949 ug/l
RT: 5.214 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07

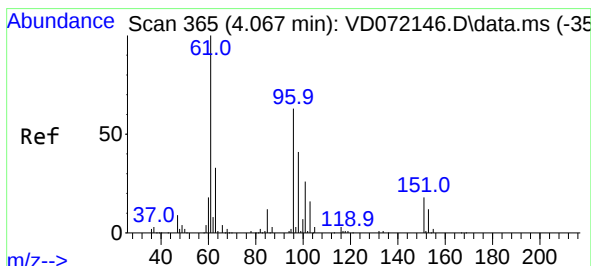
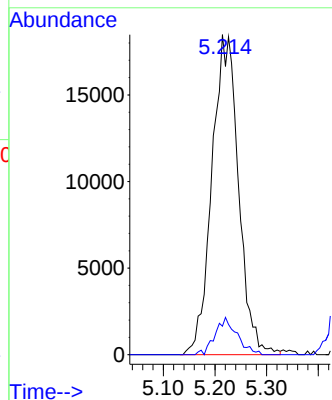
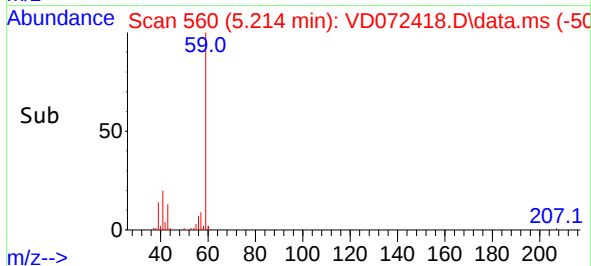
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



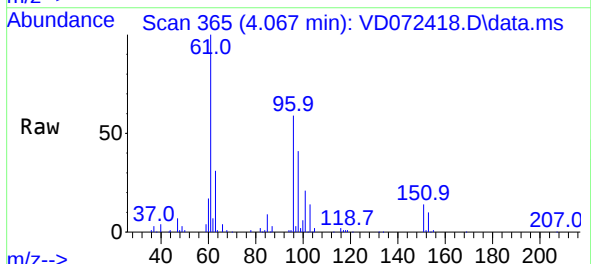
Tgt Ion: 59 Resp: 6612
Ion Ratio Lower Upper
59 100
57 9.6 7.8 11.6

Manual Integrations
APPROVED

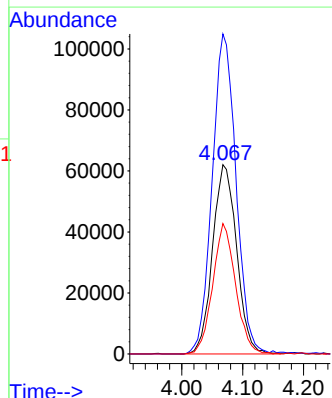
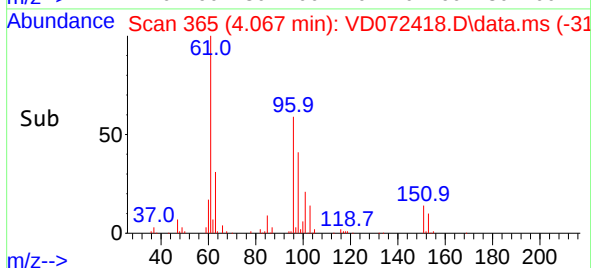
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

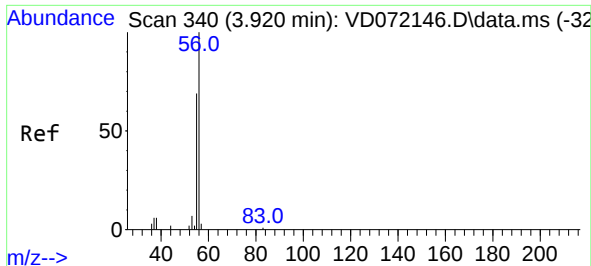


#12
1,1-Dichloroethene
Concen: 47.840 ug/l
RT: 4.067 min Scan# 365
Delta R.T. -0.000 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07



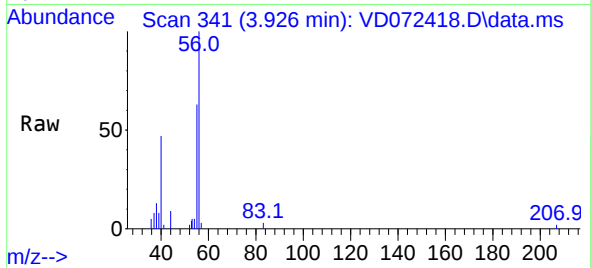
Tgt Ion: 96 Resp: 170460
Ion Ratio Lower Upper
96 100
61 169.1 138.5 207.7
98 68.9 48.6 73.0





#13
Acrolein
Concen: 107.213 ug/l
RT: 3.926 min Scan# 340
Delta R.T. 0.006 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07

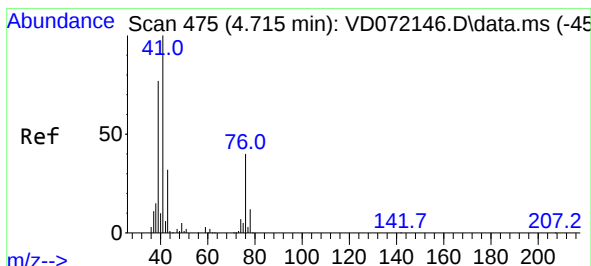
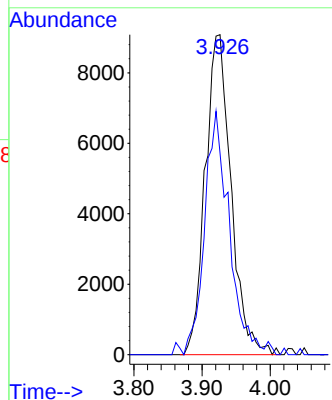
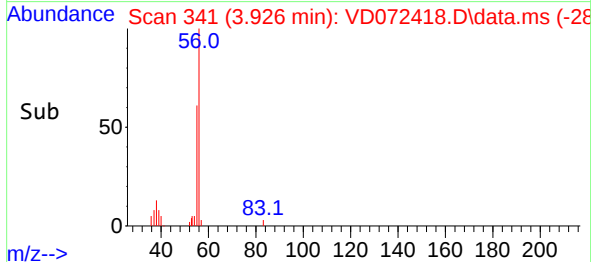
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



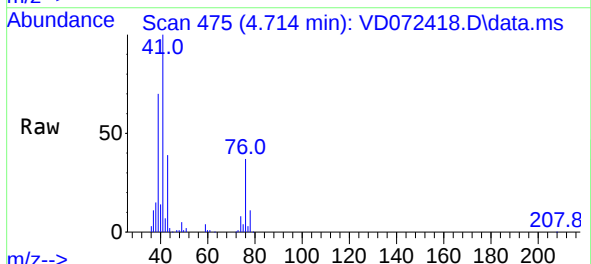
Tgt Ion: 56 Resp: 23960
Ion Ratio Lower Upper
56 100
55 72.0 57.1 85.7

Manual Integrations
APPROVED

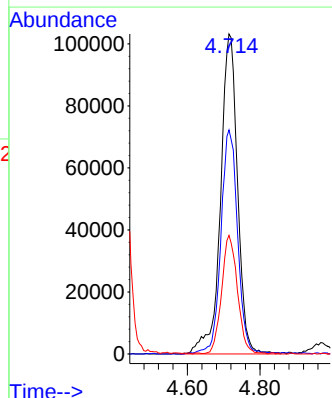
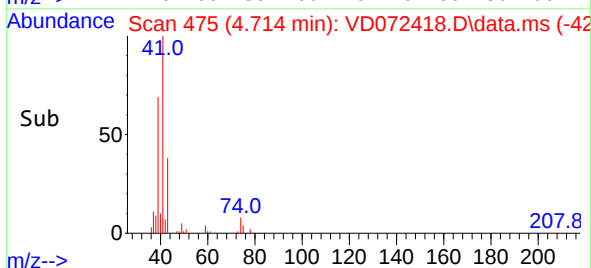
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

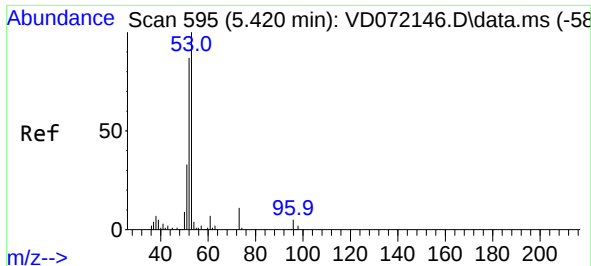


#14
Allyl chloride
Concen: 54.040 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07



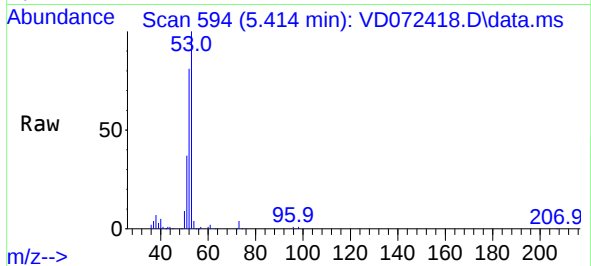
Tgt Ion: 41 Resp: 336661
Ion Ratio Lower Upper
41 100
39 68.7 59.3 88.9
76 34.5 25.7 38.5





#15
Acrylonitrile
Concen: 287.457 ug/l
RT: 5.414 min Scan# 594
Delta R.T. -0.006 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07

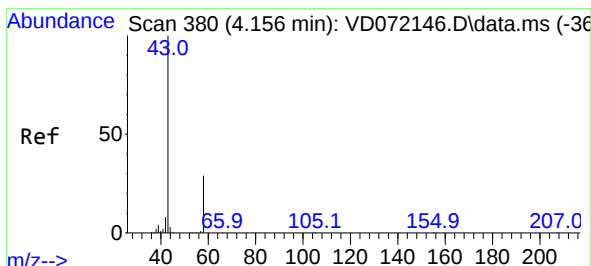
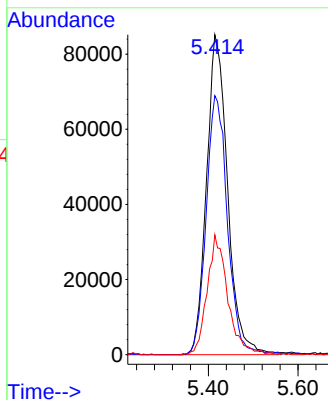
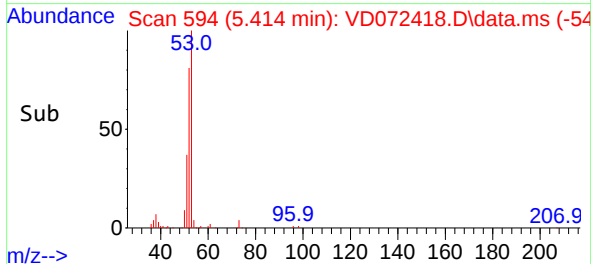
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



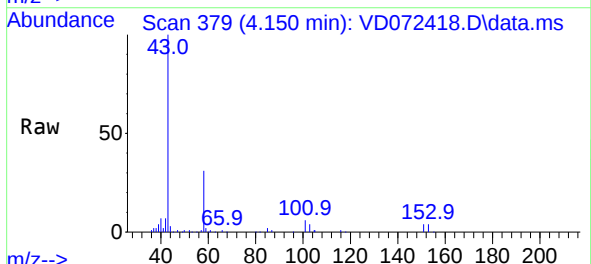
Tgt Ion: 53 Resp: 278250
Ion Ratio Lower Upper
53 100
52 81.6 67.2 100.8
51 36.6 30.3 45.5

Manual Integrations
APPROVED

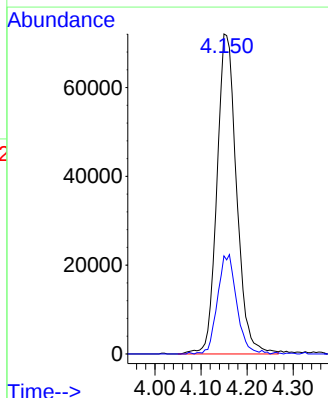
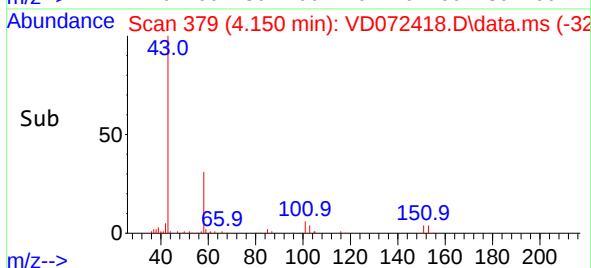
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

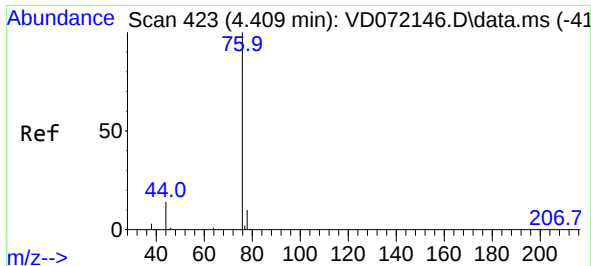


#16
Acetone
Concen: 226.666 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07



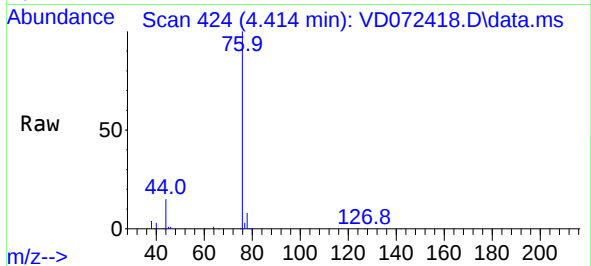
Tgt Ion: 43 Resp: 212630
Ion Ratio Lower Upper
43 100
58 30.7 22.1 33.1





#17
Carbon Disulfide
Concen: 45.969 ug/l
RT: 4.414 min Scan# 41
Delta R.T. 0.005 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07

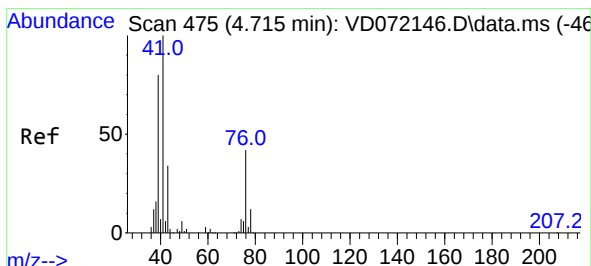
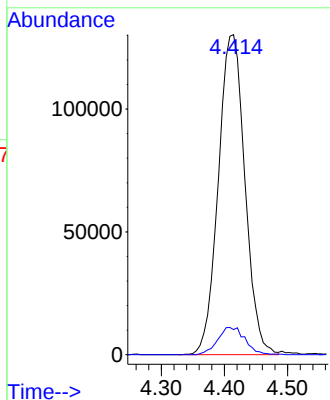
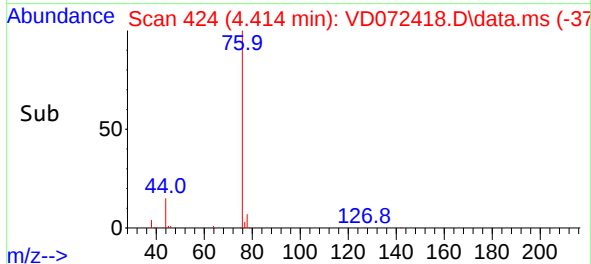
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



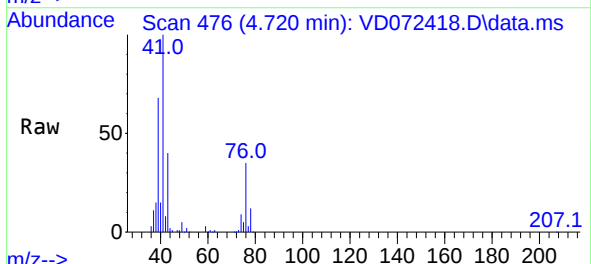
Tgt Ion: 76 Resp: 380972
Ion Ratio Lower Upper
76 100
78 7.9 7.5 11.3

Manual Integrations
APPROVED

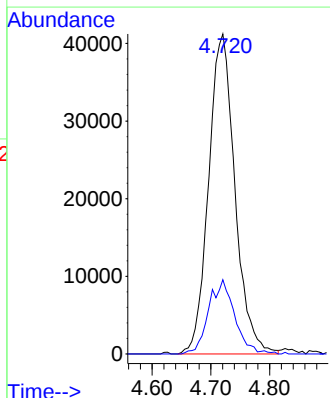
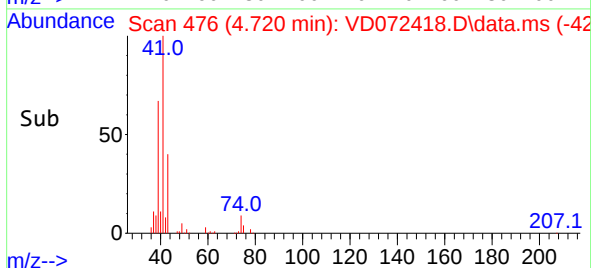
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

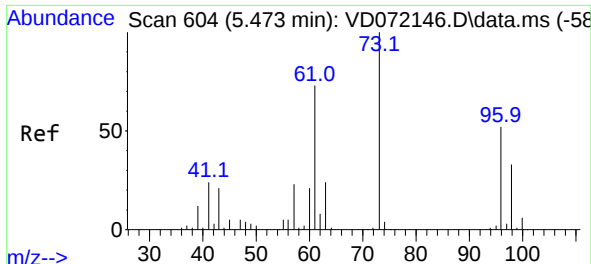


#18
Methyl Acetate
Concen: 55.781 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.006 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07



Tgt Ion: 43 Resp: 128233
Ion Ratio Lower Upper
43 100
74 23.0 16.7 25.1





#19

Methyl tert-butyl Ether

Concen: 54.699 ug/l

RT: 5.479 min Scan# 604

Delta R.T. 0.006 min

Lab File: VD072418.D

Acq: 24 Mar 2022 20:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 73 Resp: 52974

Ion Ratio Lower Upper

73 100

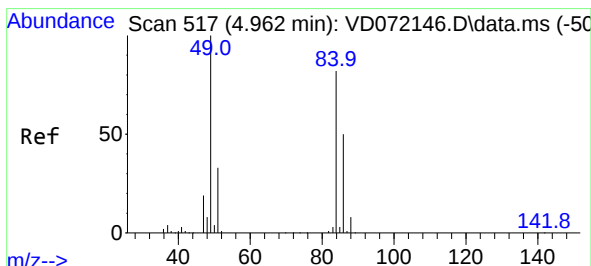
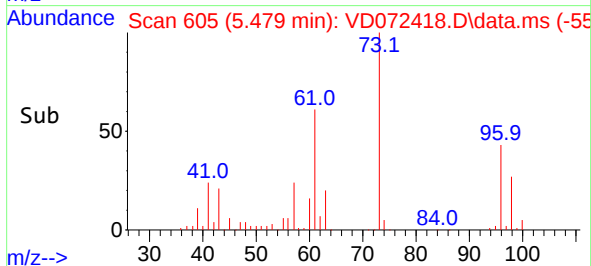
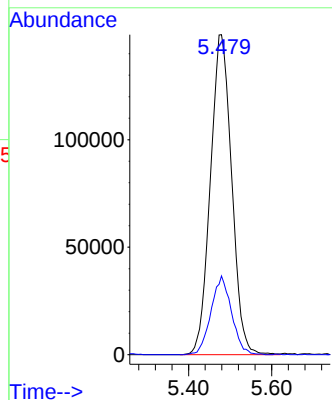
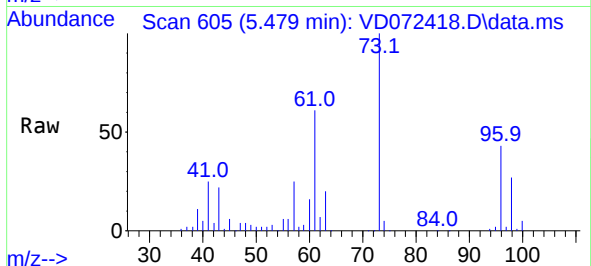
57 24.6 18.0 27.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2022

Supervised By :Mahesh Dadoda 03/25/2022



#20

Methylene Chloride

Concen: 54.183 ug/l

RT: 4.961 min Scan# 517

Delta R.T. -0.001 min

Lab File: VD072418.D

Acq: 24 Mar 2022 20:07

Tgt Ion: 84 Resp: 249079

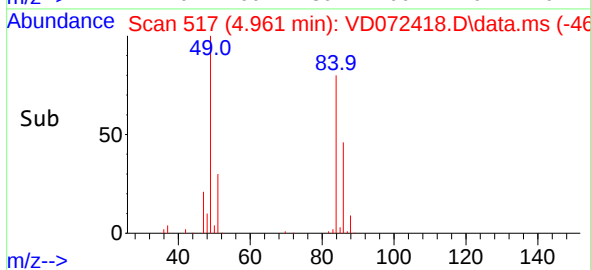
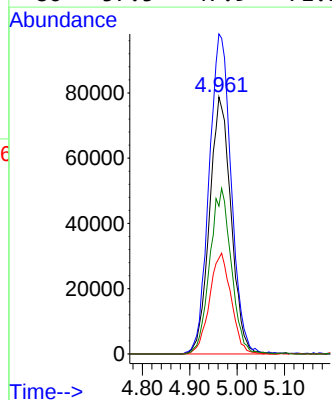
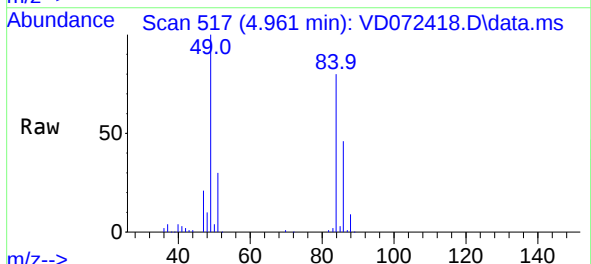
Ion Ratio Lower Upper

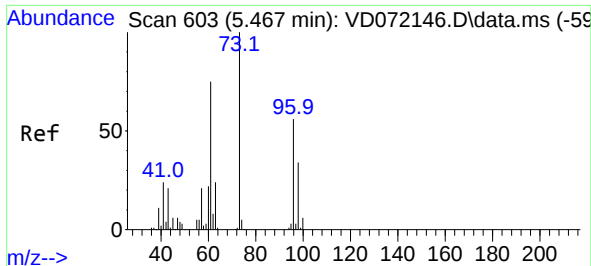
84 100

49 124.5 112.8 169.2

51 37.2 32.6 48.8

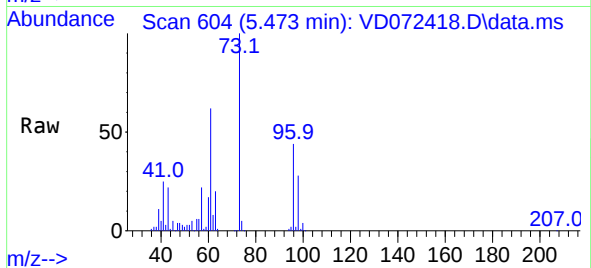
86 57.5 47.9 71.9





#21
trans-1,2-Dichloroethene
Concen: 51.989 ug/l
RT: 5.473 min Scan# 603
Delta R.T. 0.006 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07

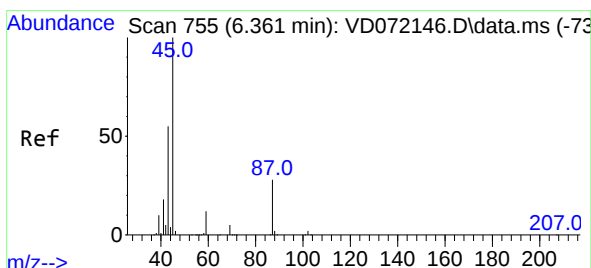
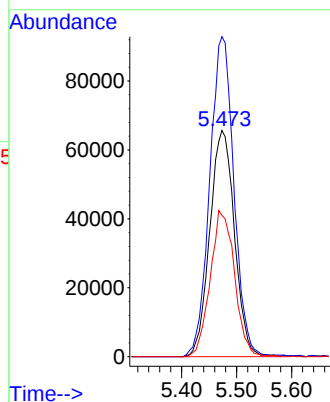
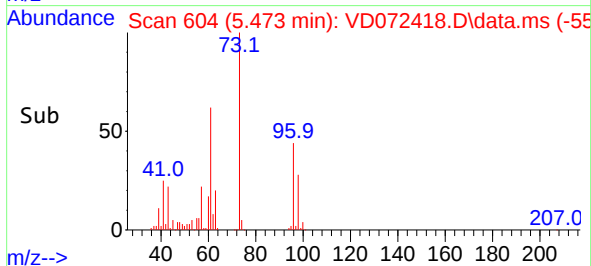
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 204889
Ion Ratio Lower Upper
96 100
61 141.5 117.9 176.9
98 62.4 49.4 74.2

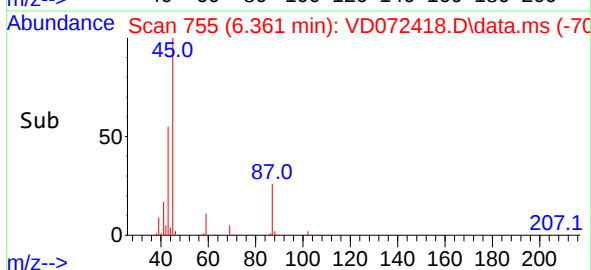
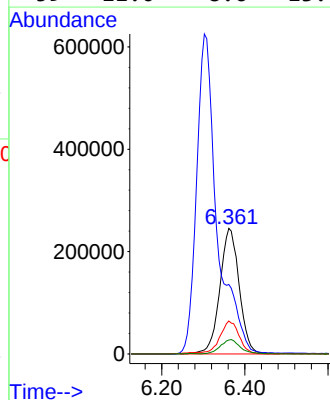
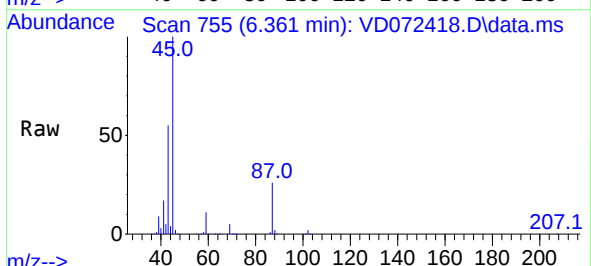
Manual Integrations
APPROVED

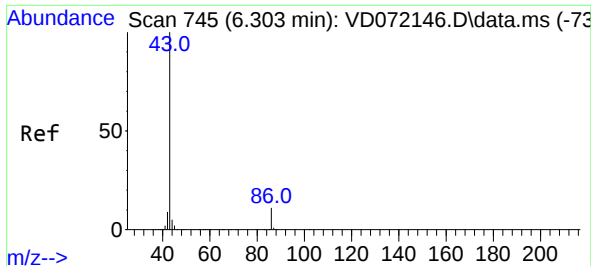
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#22
Diisopropyl ether
Concen: 55.871 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.000 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07

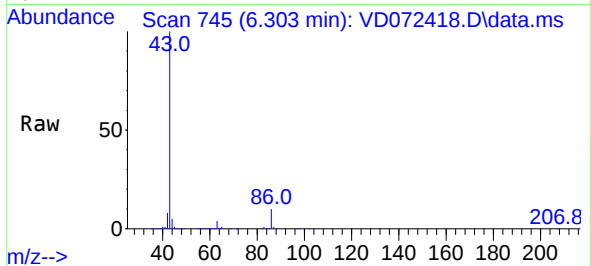
Tgt Ion: 45 Resp: 793899
Ion Ratio Lower Upper
45 100
43 54.7 46.6 70.0
87 26.2 18.4 27.6
59 11.0 8.6 13.0





#23
 Vinyl Acetate
 Concen: 296.376 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD072418.D
 Acq: 24 Mar 2022 20:07

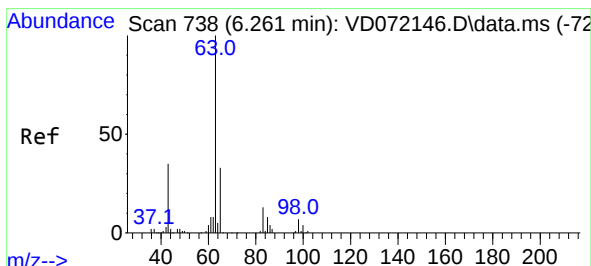
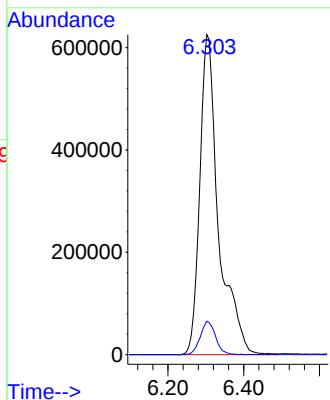
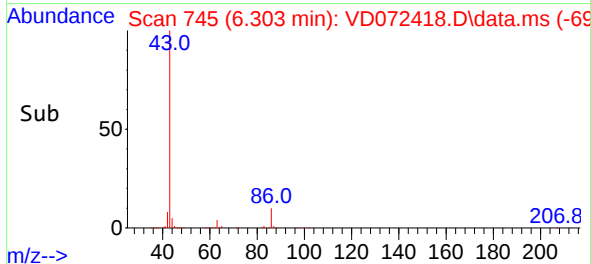
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



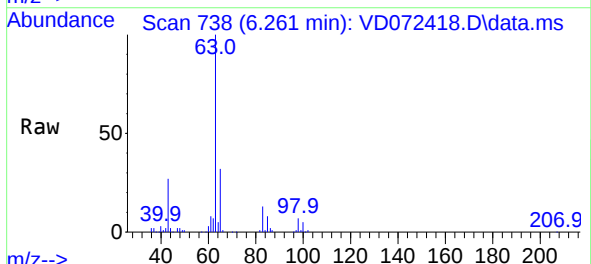
Tgt Ion: 43 Resp: 214928
 Ion Ratio Lower Upper
 43 100
 86 10.5 7.1 10.7

Manual Integrations
 APPROVED

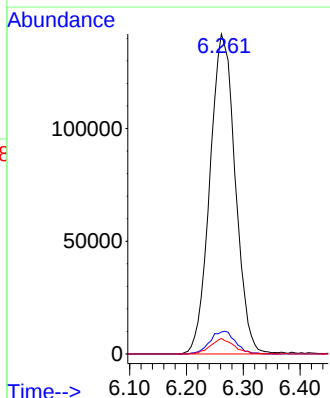
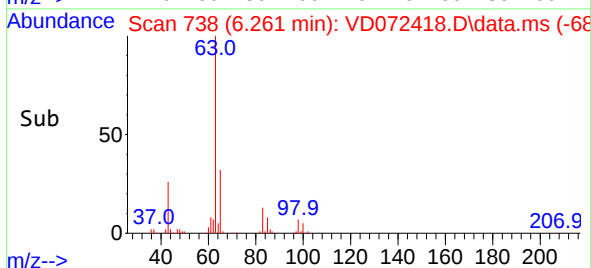
Reviewed By :John Carlone 03/25/2022
 Supervised By :Mahesh Dadoda 03/25/2022

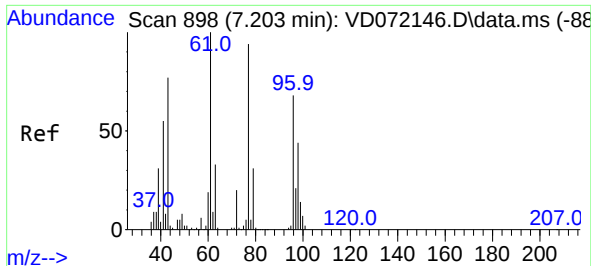


#24
 1,1-Dichloroethane
 Concen: 52.554 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. -0.000 min
 Lab File: VD072418.D
 Acq: 24 Mar 2022 20:07



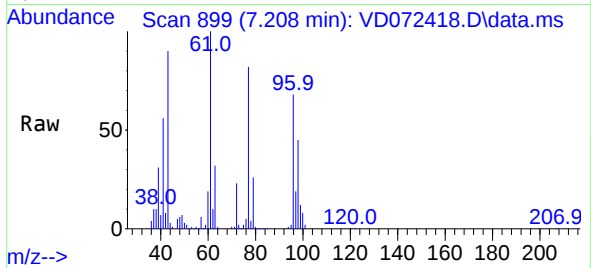
Tgt Ion: 63 Resp: 440412
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.6 10.9
 100 4.8 2.1 6.5





#25
2-Butanone
Concen: 269.553 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07

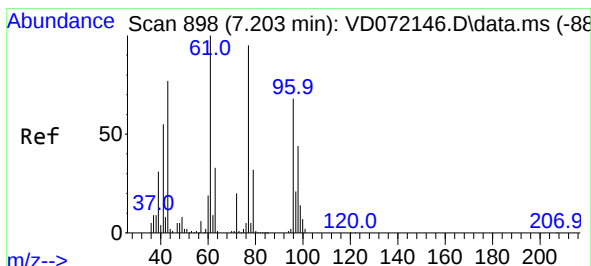
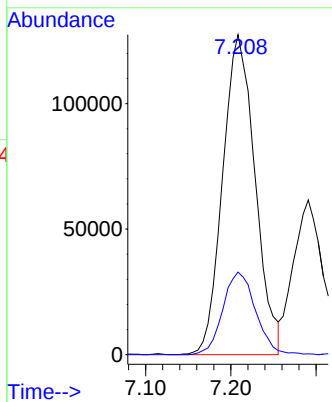
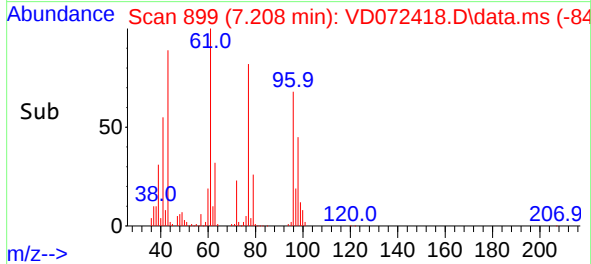
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



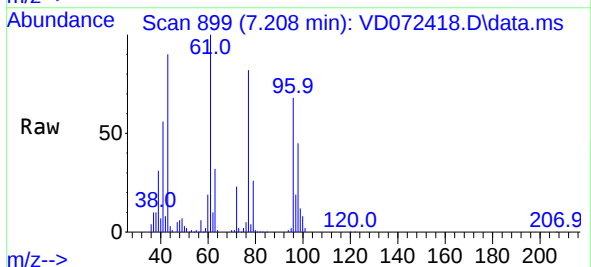
Tgt Ion: 43 Resp: 337144
Ion Ratio Lower Upper
43 100
72 25.8 18.6 27.8

Manual Integrations
APPROVED

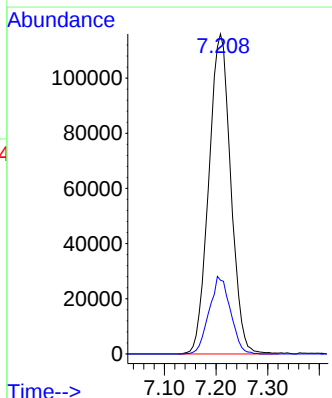
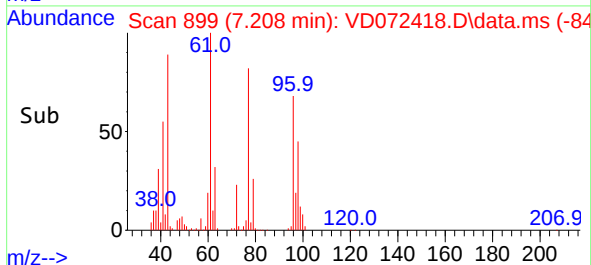
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

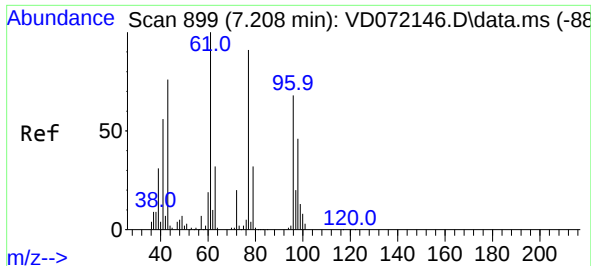


#26
2,2-Dichloropropane
Concen: 45.292 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07



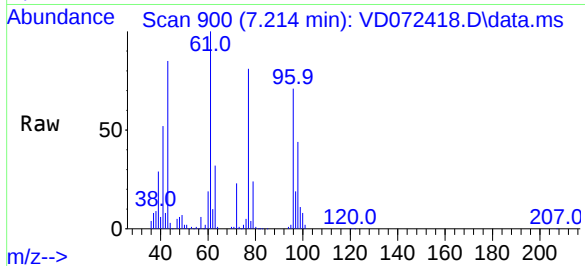
Tgt Ion: 77 Resp: 342465
Ion Ratio Lower Upper
77 100
97 23.4 10.8 32.4





#27
cis-1,2-Dichloroethene
Concen: 52.406 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07

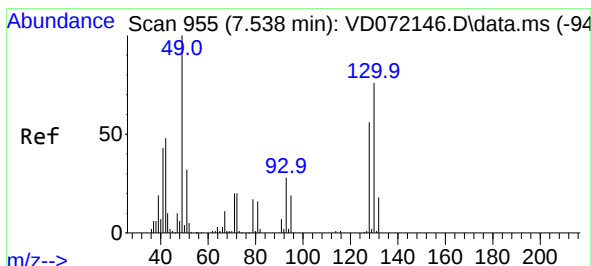
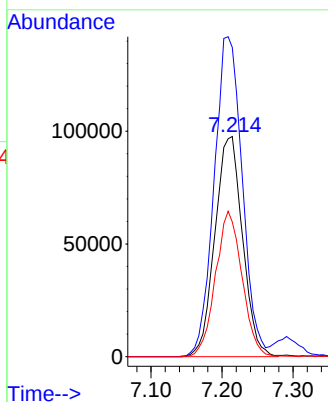
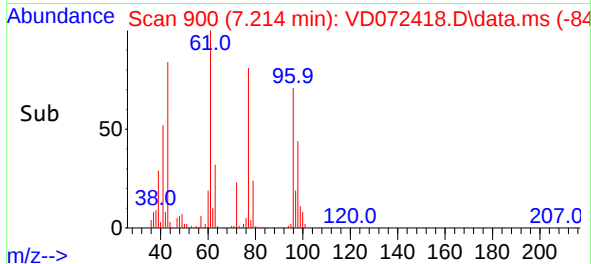
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 26367
Ion Ratio Lower Upper
96 100
61 147.6 0.0 313.8
98 63.5 0.0 128.8

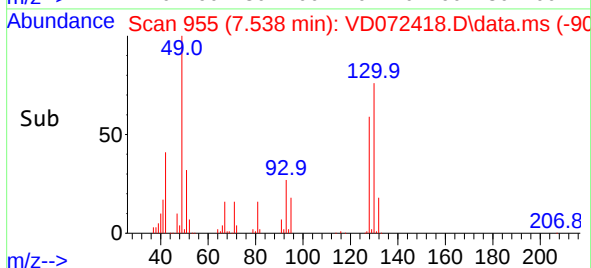
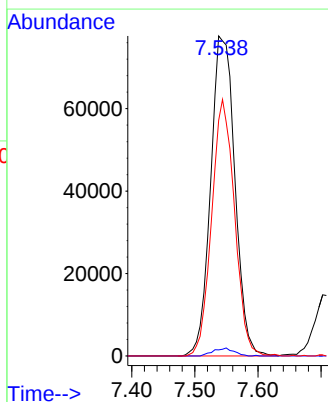
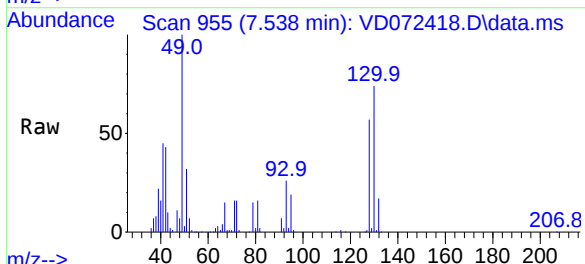
Manual Integrations
APPROVED

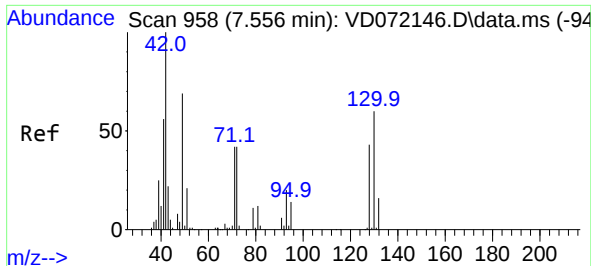
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#28
Bromochloromethane
Concen: 61.300 ug/l
RT: 7.538 min Scan# 955
Delta R.T. -0.000 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07

Tgt Ion: 49 Resp: 206806
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.0
130 75.7 52.6 79.0





#29

Tetrahydrofuran

Concen: 302.835 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD072418.D

Acq: 24 Mar 2022 20:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

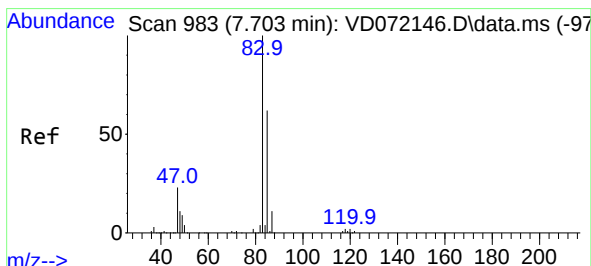
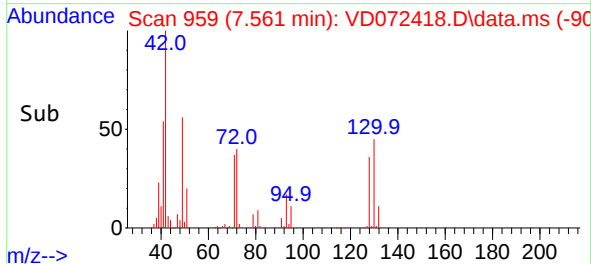
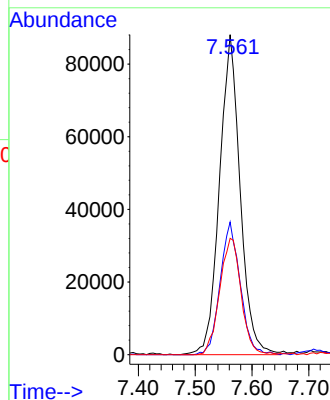
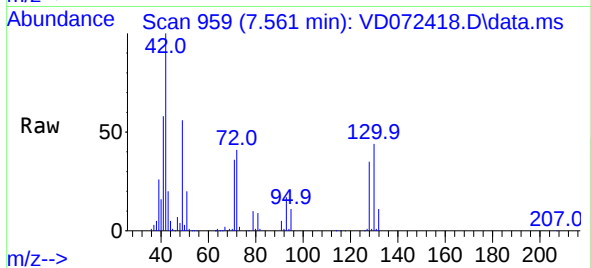
Tgt Ion:	42	Resp:	22272
Ion	Ratio	Lower	Upper
42	100		
72	40.4	30.7	46.1
71	37.7	28.6	43.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2022

Supervised By :Mahesh Dadoda 03/25/2022



#30

Chloroform

Concen: 51.564 ug/l

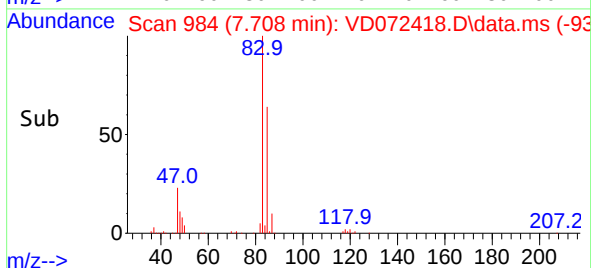
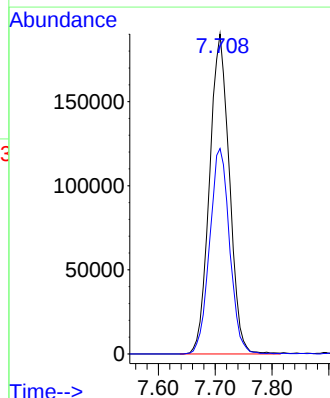
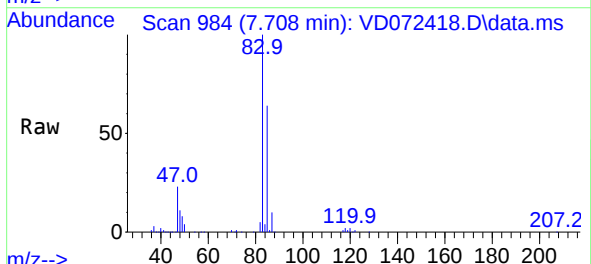
RT: 7.708 min Scan# 984

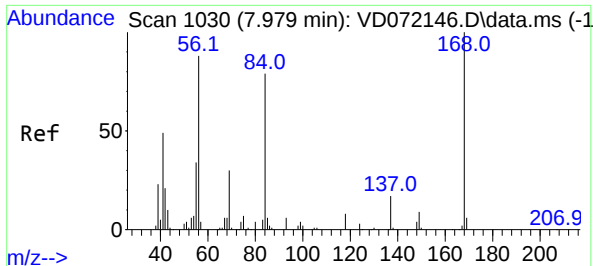
Delta R.T. 0.006 min

Lab File: VD072418.D

Acq: 24 Mar 2022 20:07

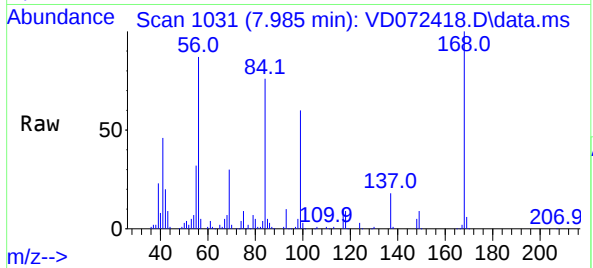
Tgt Ion:	83	Resp:	460345
Ion	Ratio	Lower	Upper
83	100		
85	64.2	52.7	79.1





#31
Cyclohexane
Concen: 47.633 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07

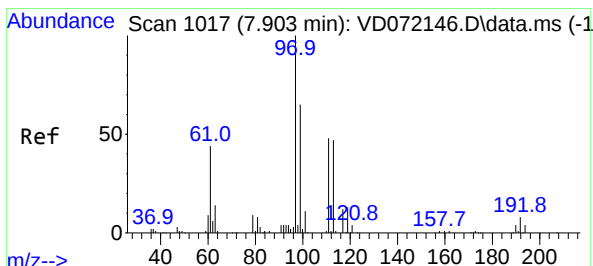
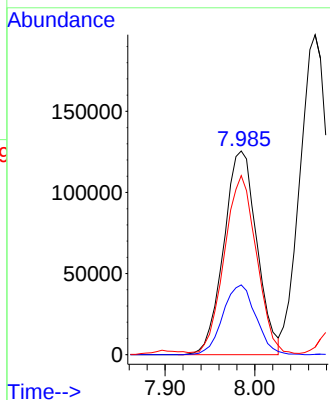
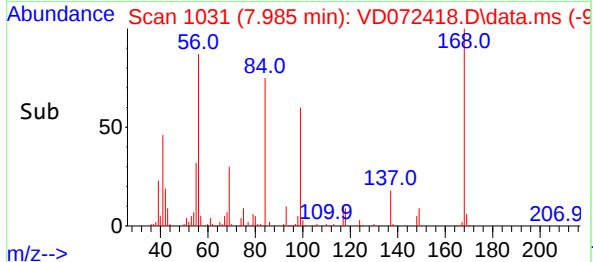
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



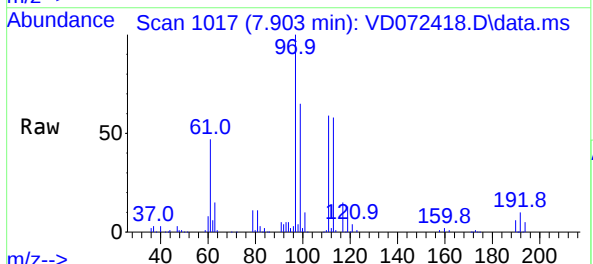
Tgt Ion: 56 Resp: 32153
Ion Ratio Lower Upper
56 100
69 34.2 25.4 38.2
84 86.5 63.0 94.4

Manual Integrations
APPROVED

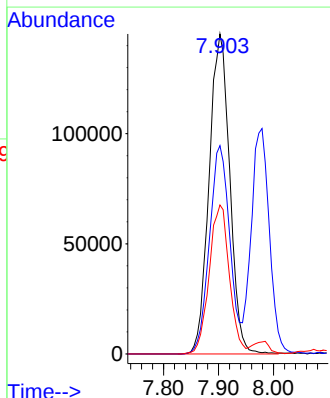
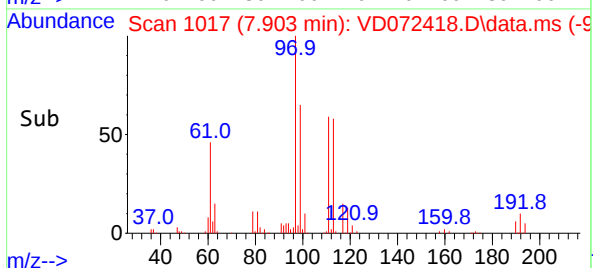
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

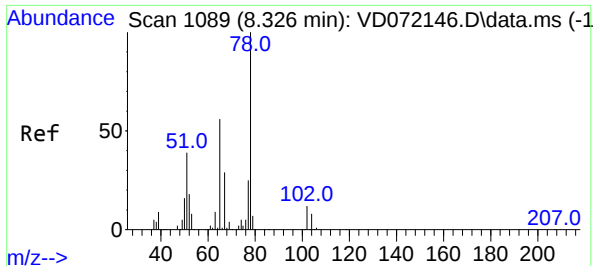


#32
1,1,1-Trichloroethane
Concen: 47.750 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. -0.000 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07



Tgt Ion: 97 Resp: 378621
Ion Ratio Lower Upper
97 100
99 65.0 52.4 78.6
61 45.5 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 55.450 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072418.D

Acq: 24 Mar 2022 20:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 239570

Ion Ratio Lower Upper

65 100

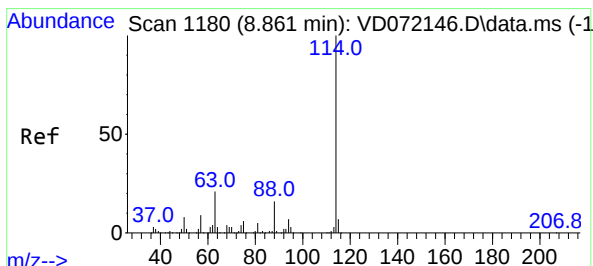
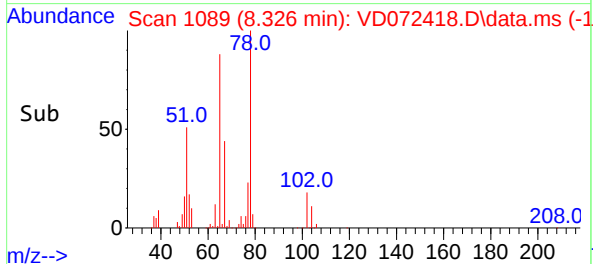
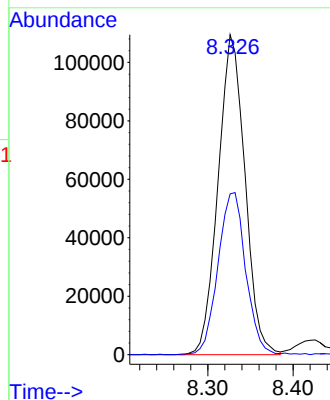
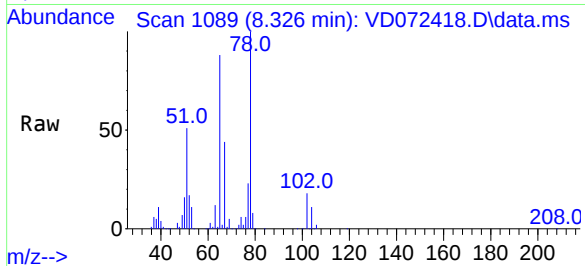
67 52.5 0.0 101.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2022

Supervised By :Mahesh Dadoda 03/25/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD072418.D

Acq: 24 Mar 2022 20:07

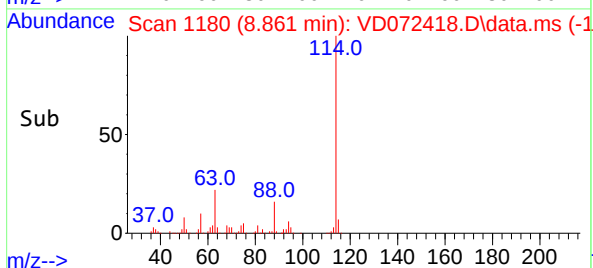
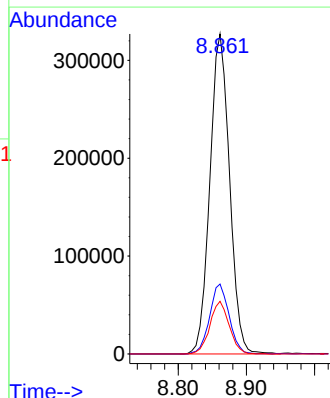
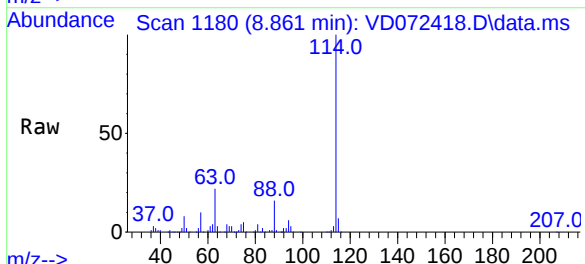
Tgt Ion:114 Resp: 656323

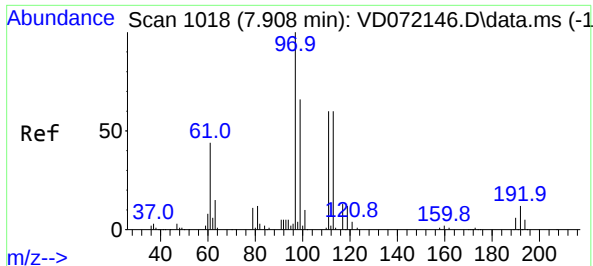
Ion Ratio Lower Upper

114 100

63 21.8 0.0 46.6

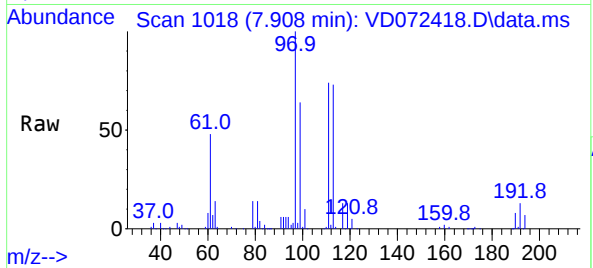
88 16.4 0.0 33.2





#35
Dibromofluoromethane
Concen: 52.246 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07

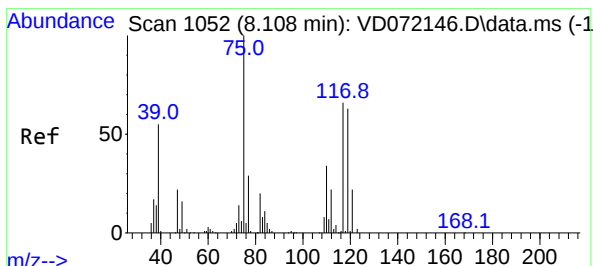
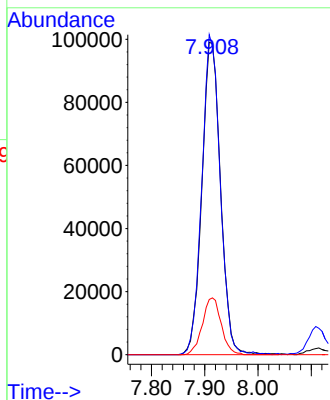
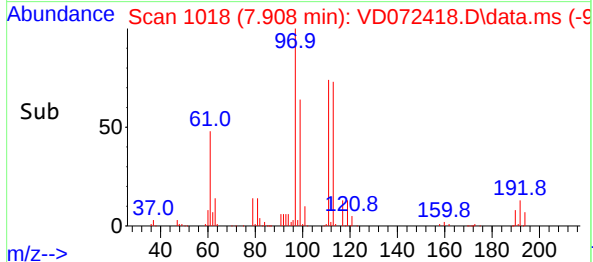
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



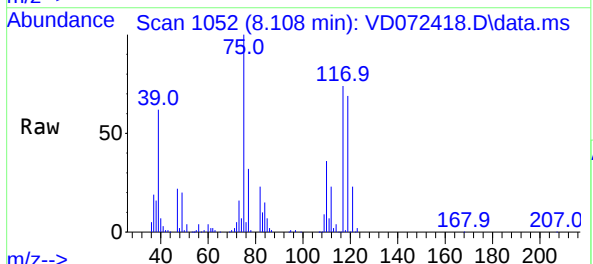
Tgt Ion:113 Resp: 241304
Ion Ratio Lower Upper
113 100
111 100.3 83.8 125.6
192 18.3 14.6 21.8

Manual Integrations
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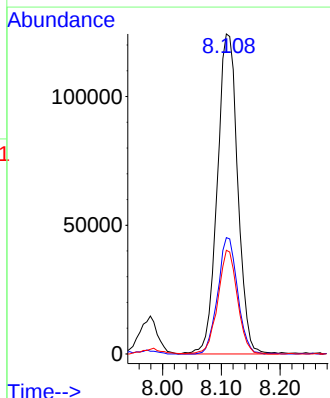
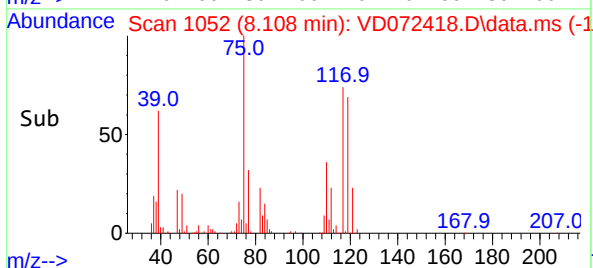
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

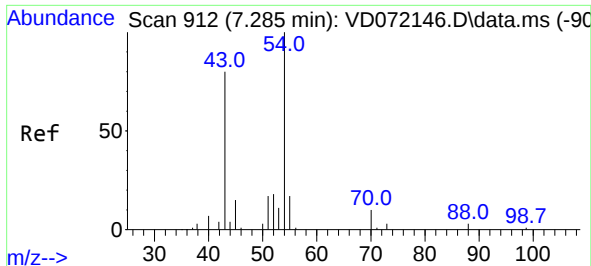


#36
1,1-Dichloropropene
Concen: 46.330 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07



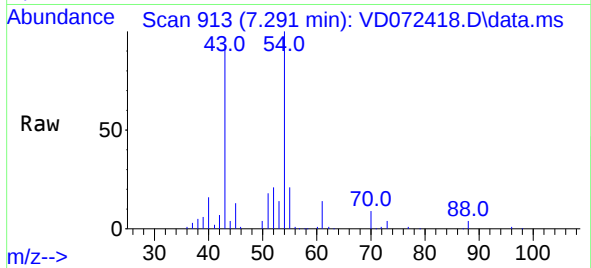
Tgt Ion: 75 Resp: 300185
Ion Ratio Lower Upper
75 100
110 35.1 16.4 49.1
77 31.1 24.2 36.2





#37
Ethyl Acetate
Concen: 53.851 ug/l
RT: 7.291 min Scan# 912
Delta R.T. 0.006 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07

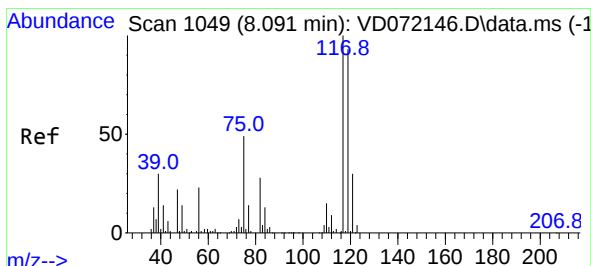
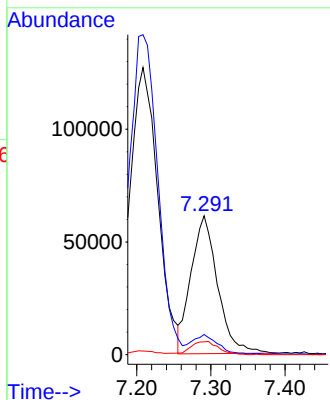
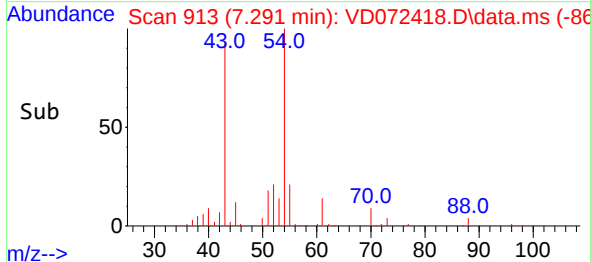
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



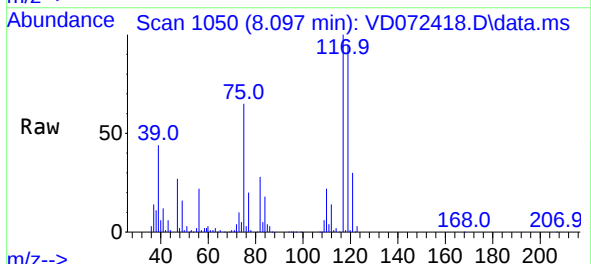
Tgt Ion: 43 Resp: 15284
Ion Ratio Lower Upper
43 100
61 12.6 9.8 14.8
70 9.9 6.9 10.3

Manual Integrations
APPROVED

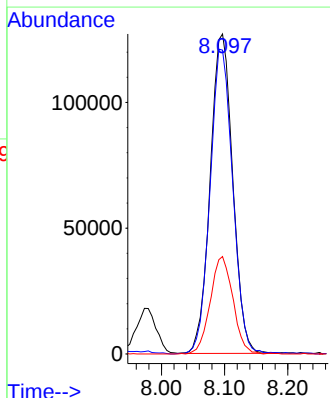
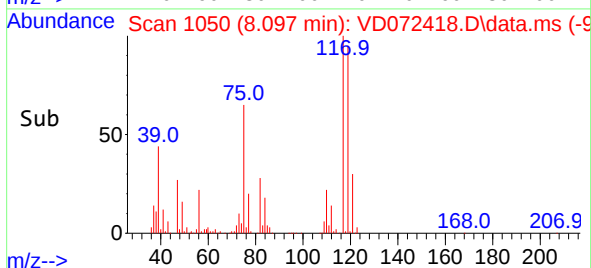
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

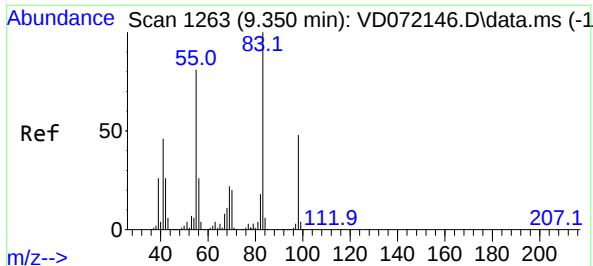


#38
Carbon Tetrachloride
Concen: 42.764 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. 0.006 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07



Tgt Ion:117 Resp: 314964
Ion Ratio Lower Upper
117 100
119 95.0 75.8 113.6
121 30.5 24.5 36.7





#39

Methylcyclohexane

Concen: 45.857 ug/l

RT: 9.355 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD072418.D

Acq: 24 Mar 2022 20:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 33434

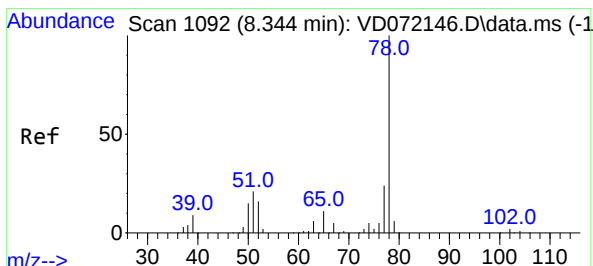
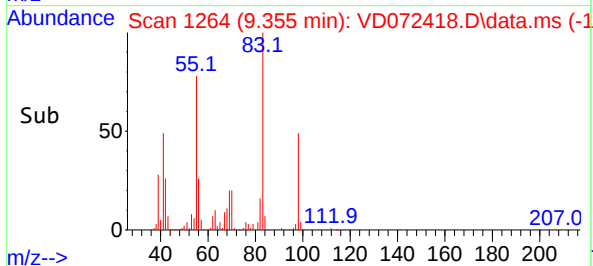
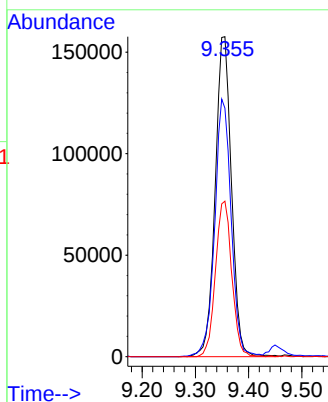
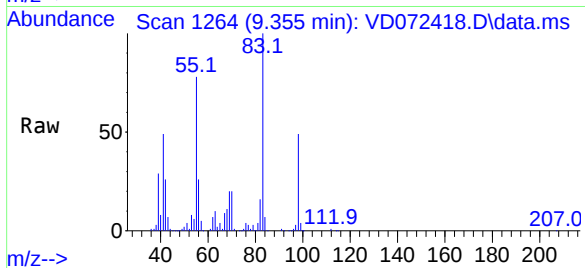
Ion	Ratio	Lower	Upper
83	100		
55	77.6	63.2	94.8
98	48.6	38.2	57.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/25/2022

Supervised By :Mahesh Dadoda 03/25/2022



#40

Benzene

Concen: 49.518 ug/l

RT: 8.350 min Scan# 1093

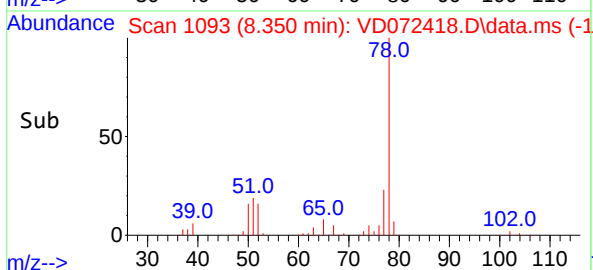
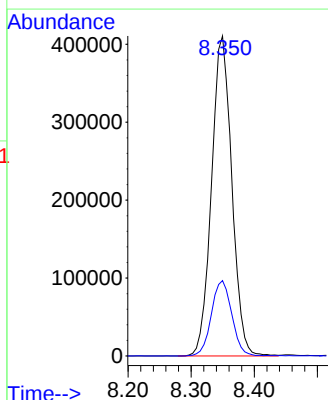
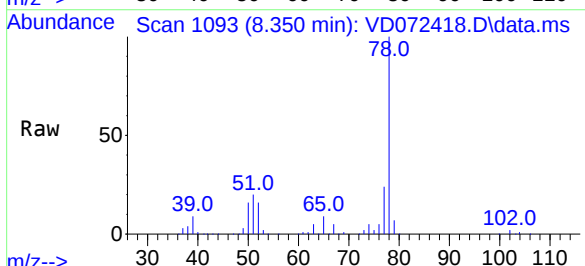
Delta R.T. 0.006 min

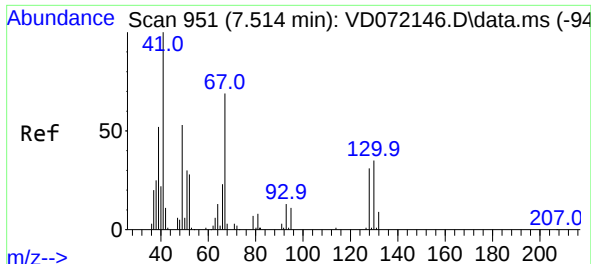
Lab File: VD072418.D

Acq: 24 Mar 2022 20:07

Tgt Ion: 78 Resp: 915330

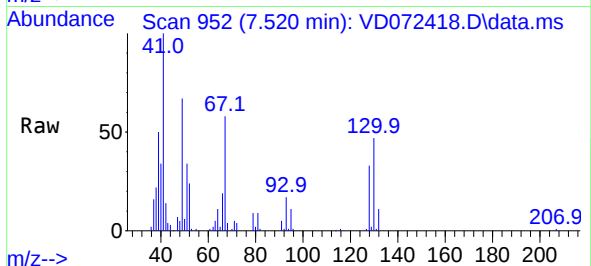
Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.1	28.7





#41
Methacrylonitrile
Concen: 64.087 ug/l
RT: 7.520 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07

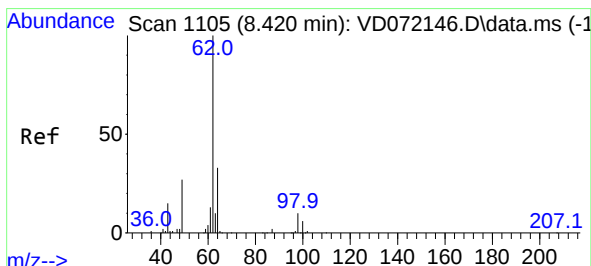
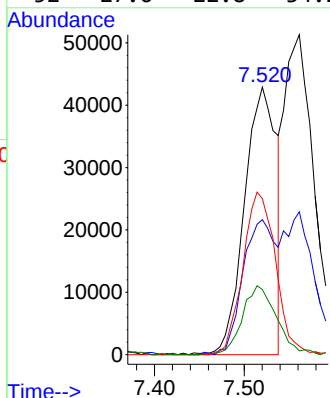
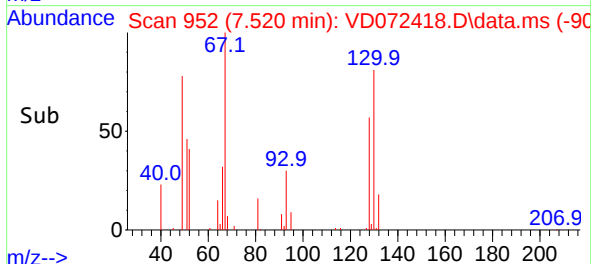
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 10601
Ion Ratio Lower Upper
41 100
39 52.5 44.6 67.0
67 62.5 48.2 72.4
52 27.6 22.8 34.2

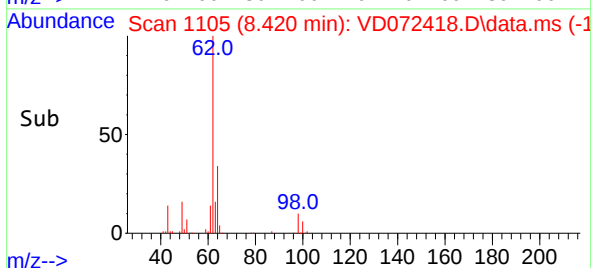
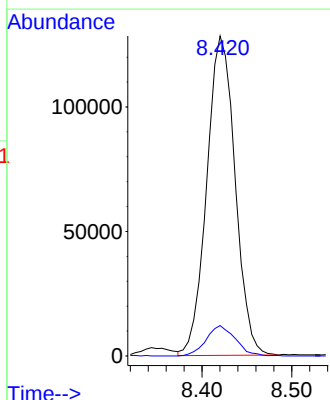
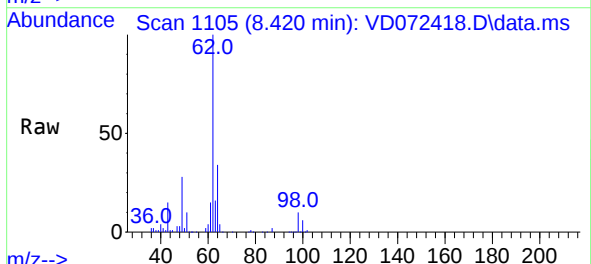
Manual Integrations
APPROVED

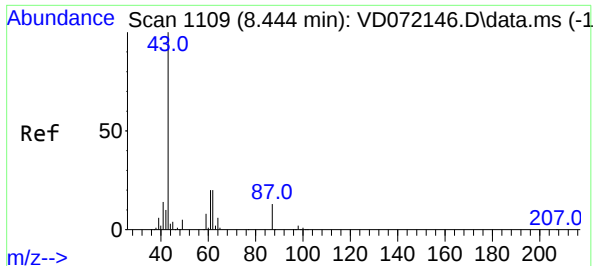
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#42
1,2-Dichloroethane
Concen: 50.177 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07

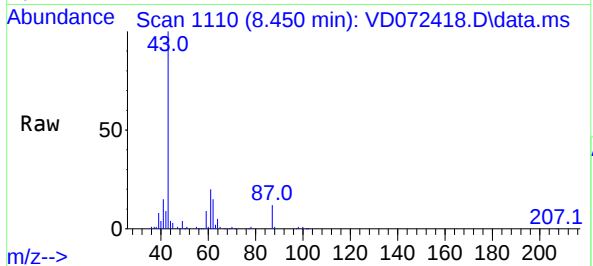
Tgt Ion: 62 Resp: 281362
Ion Ratio Lower Upper
62 100
98 9.8 0.0 17.6





#43
Isopropyl Acetate
Concen: 55.221 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. 0.006 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07

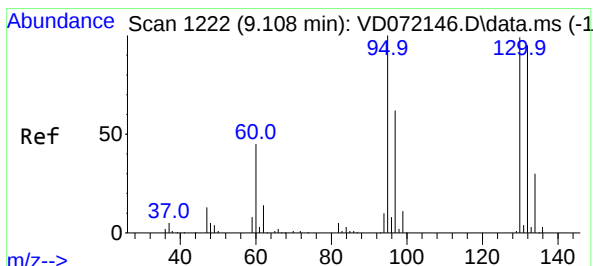
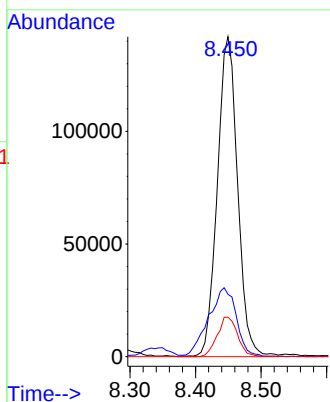
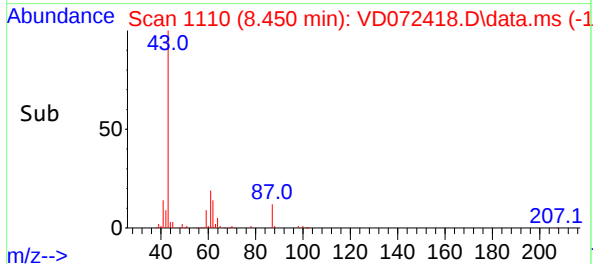
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



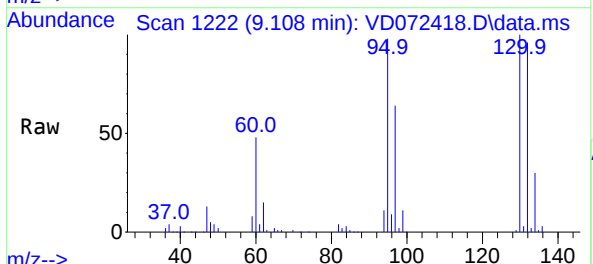
Tgt Ion: 43 Resp: 304204
Ion Ratio Lower Upper
43 100
61 29.4 22.4 33.6
87 12.5 8.7 13.1

Manual Integrations
APPROVED

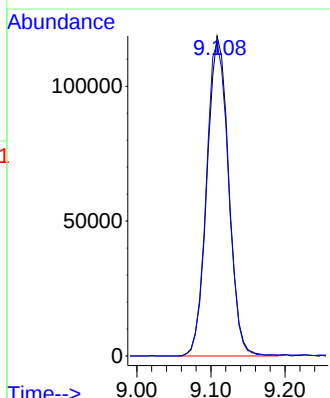
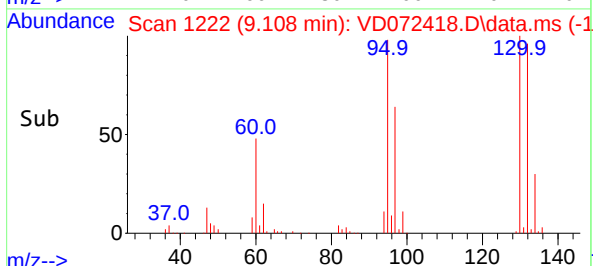
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

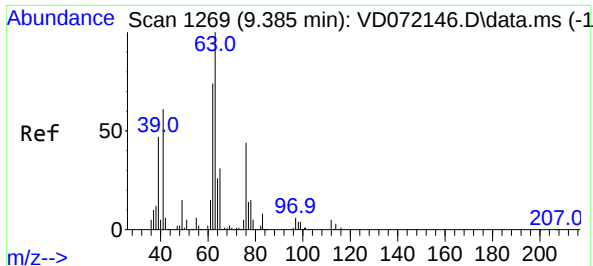


#44
Trichloroethene
Concen: 46.506 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07



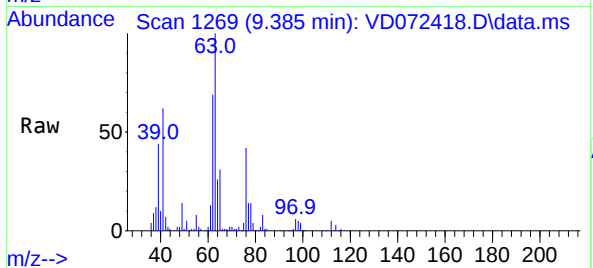
Tgt Ion:130 Resp: 241333
Ion Ratio Lower Upper
130 100
95 97.7 0.0 205.4





#45
1,2-Dichloropropane
Concen: 49.950 ug/l
RT: 9.385 min Scan# 1269
Delta R.T. -0.000 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07

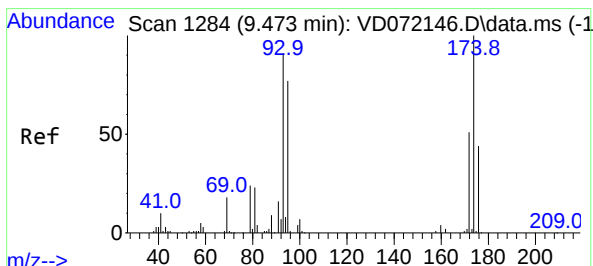
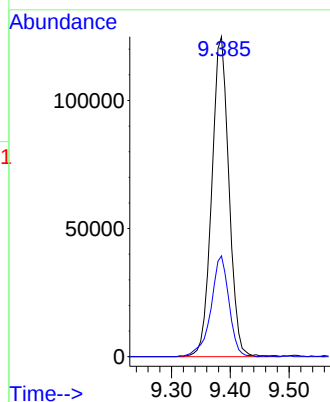
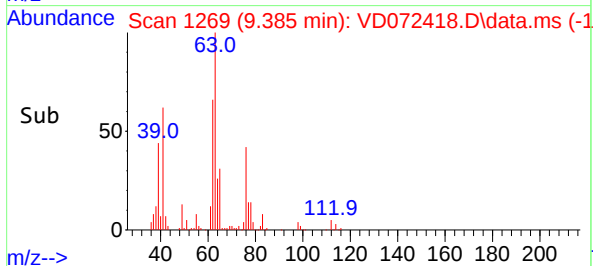
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



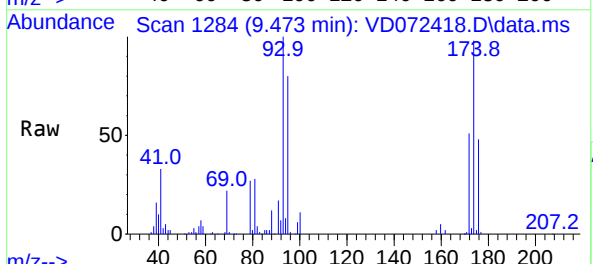
Tgt Ion: 63 Resp: 253220
Ion Ratio Lower Upper
63 100
65 31.5 26.2 39.4

Manual Integrations
APPROVED

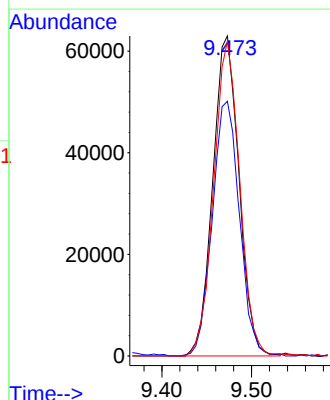
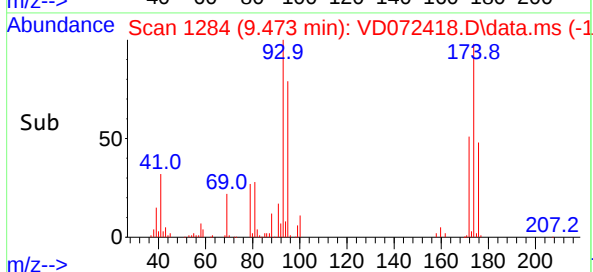
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

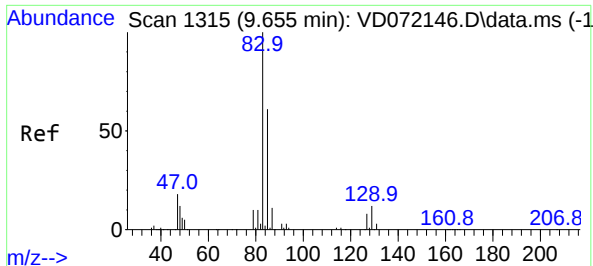


#46
Dibromomethane
Concen: 51.173 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. -0.000 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07



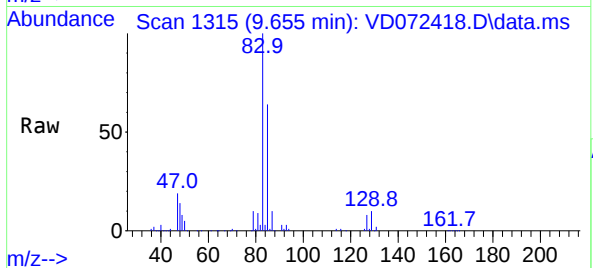
Tgt Ion: 93 Resp: 127609
Ion Ratio Lower Upper
93 100
95 82.6 66.7 100.1
174 97.8 71.6 107.4





#47
Bromodichloromethane
Concen: 48.661 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07

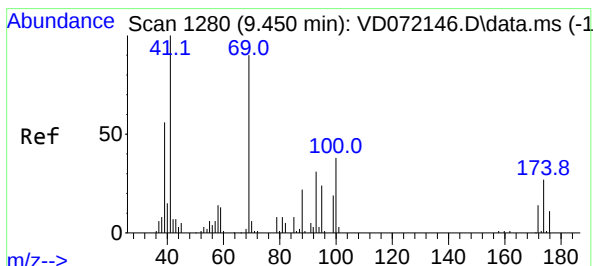
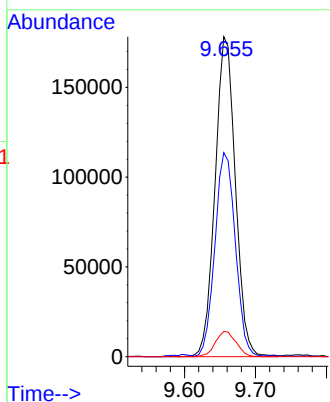
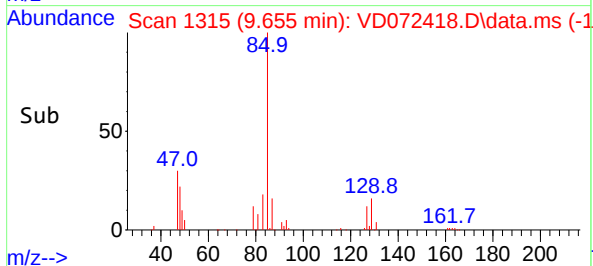
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



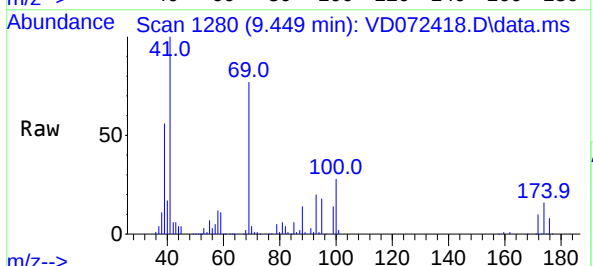
Tgt Ion: 83 Resp: 35375
Ion Ratio Lower Upper
83 100
85 63.5 51.4 77.0
127 7.9 6.1 9.1

Manual Integrations
APPROVED

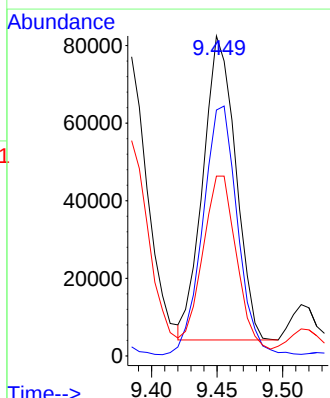
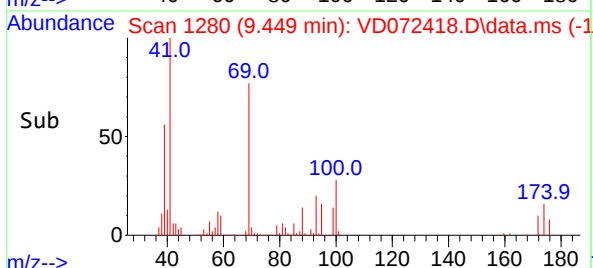
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

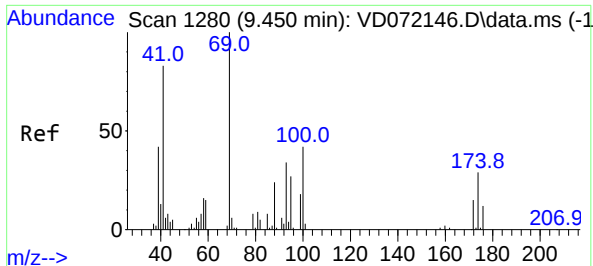


#48
Methyl methacrylate
Concen: 51.647 ug/l
RT: 9.449 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07



Tgt Ion: 41 Resp: 135853
Ion Ratio Lower Upper
41 100
69 86.9 56.7 85.1
39 64.0 42.7 64.1





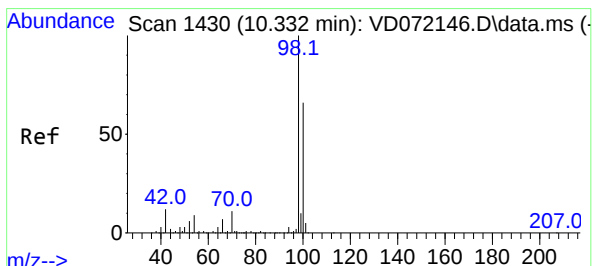
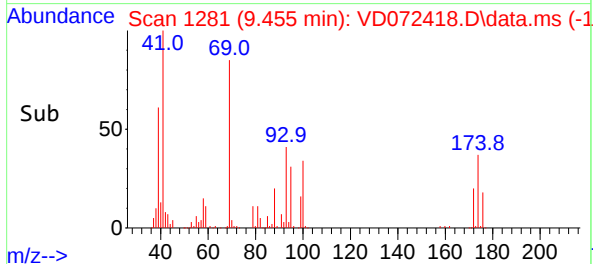
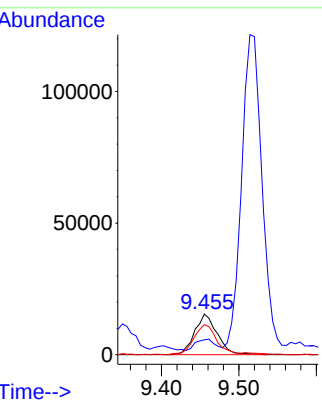
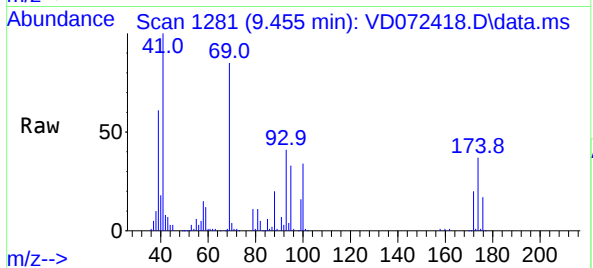
#49
1,4-Dioxane
Concen: 1038.636 ug/l
RT: 9.455 min Scan# 1280
Delta R.T. 0.006 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 31059
Ion Ratio Lower Upper
88 100
43 25.3 31.0 46.4
58 74.8 58.1 87.1

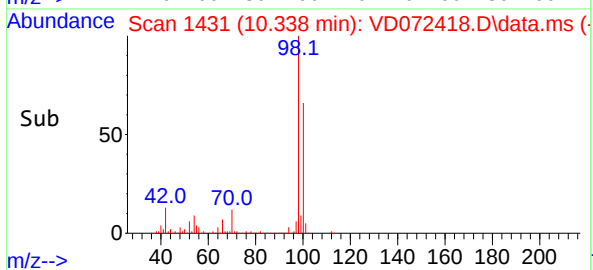
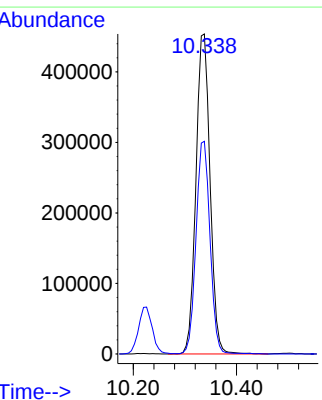
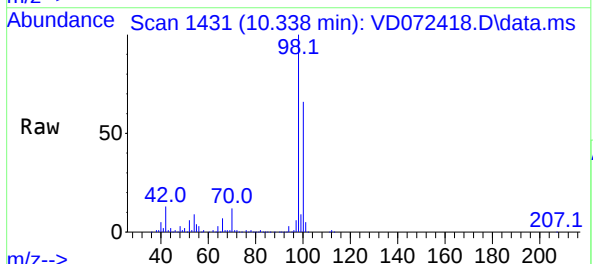
Manual Integrations
APPROVED

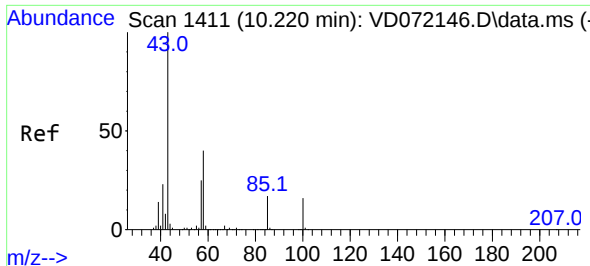
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#50
Toluene-d8
Concen: 50.893 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07

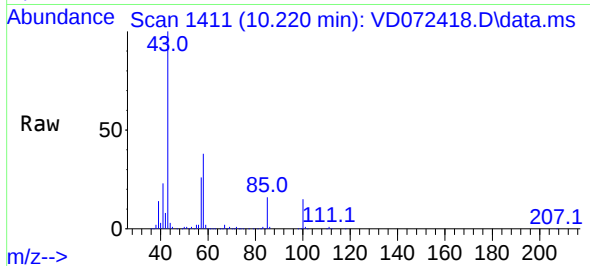
Tgt Ion: 98 Resp: 859482
Ion Ratio Lower Upper
98 100
100 65.5 52.4 78.6





#51
4-Methyl-2-Pentanone
Concen: 278.461 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07

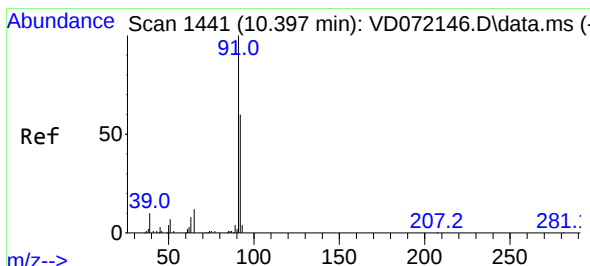
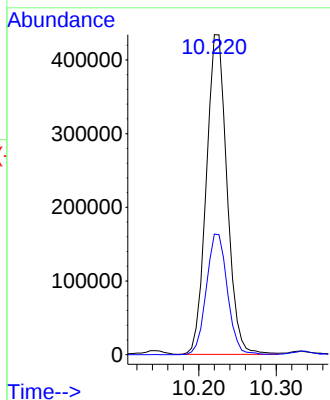
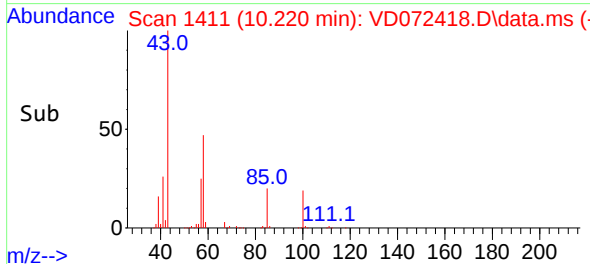
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 805680
Ion Ratio Lower Upper
43 100
58 38.3 28.6 43.0

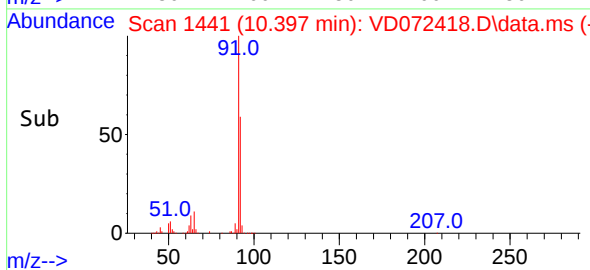
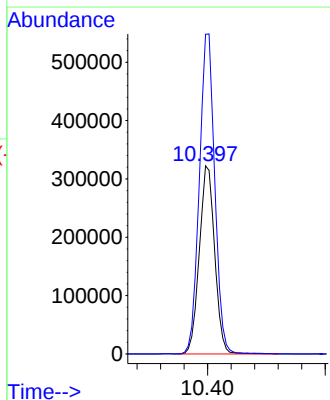
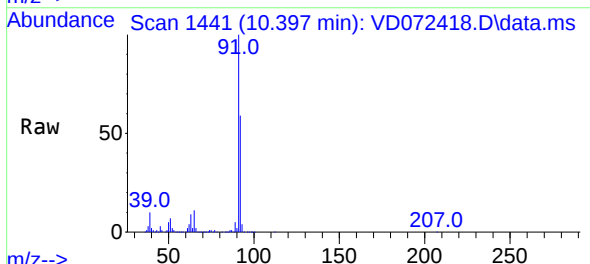
Manual Integrations
APPROVED

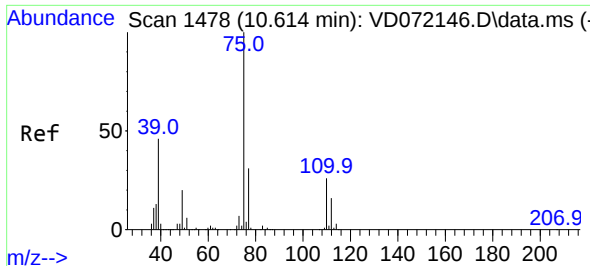
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#52
Toluene
Concen: 48.122 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07

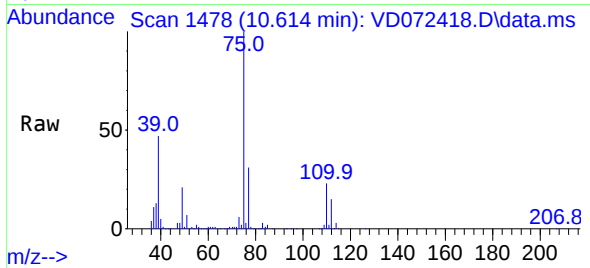
Tgt Ion: 92 Resp: 585325
Ion Ratio Lower Upper
92 100
91 171.2 139.6 209.4





#53
t-1,3-Dichloropropene
Concen: 48.944 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07

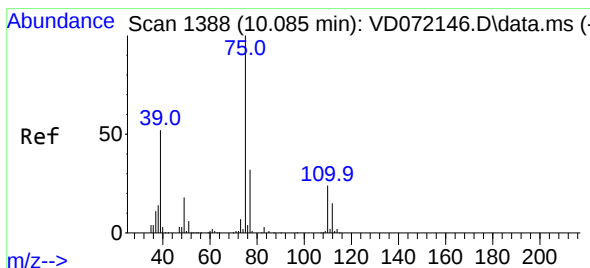
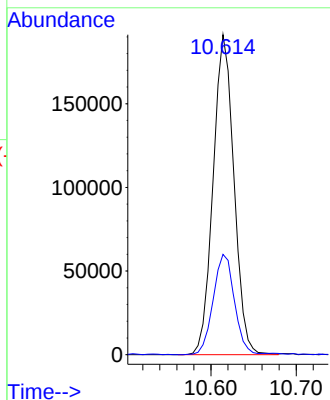
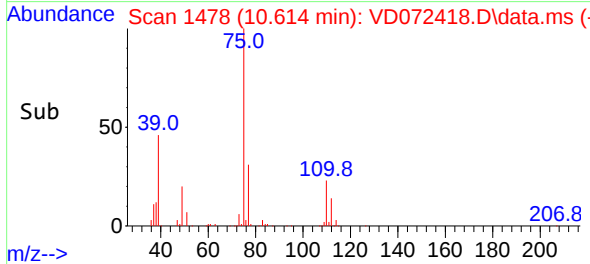
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



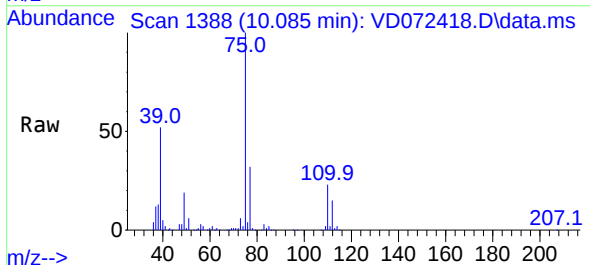
Tgt Ion: 75 Resp: 325083
Ion Ratio Lower Upper
75 100
77 31.4 24.5 36.7

Manual Integrations
APPROVED

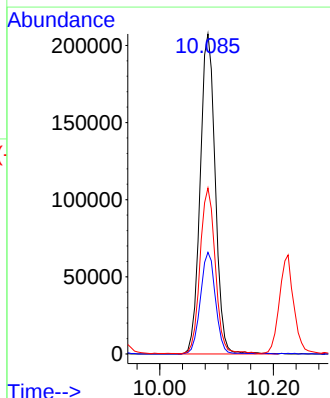
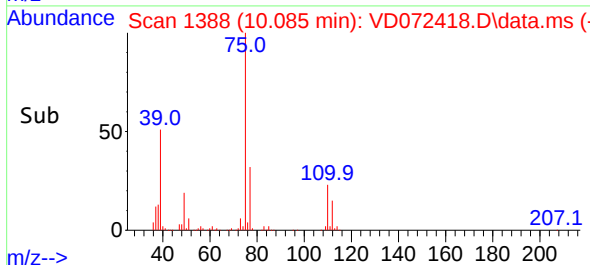
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

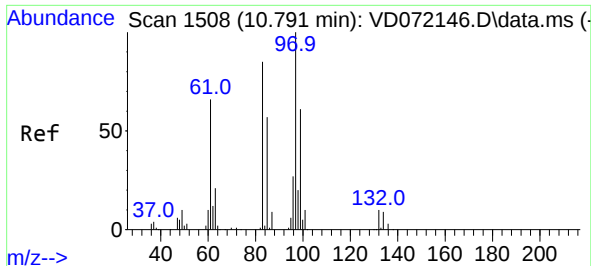


#54
cis-1,3-Dichloropropene
Concen: 49.685 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07



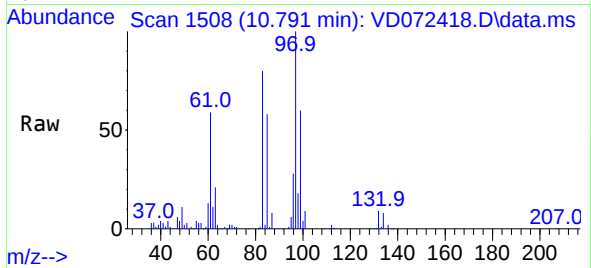
Tgt Ion: 75 Resp: 381490
Ion Ratio Lower Upper
75 100
77 31.8 24.8 37.2
39 51.8 46.8 70.2





#55
1,1,2-Trichloroethane
Concen: 55.849 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07

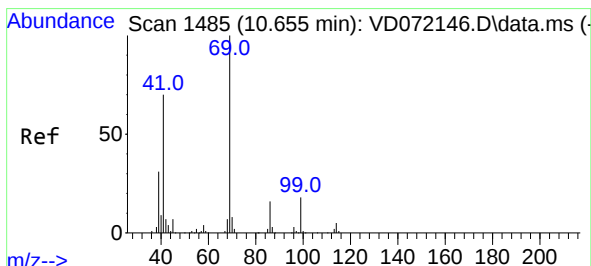
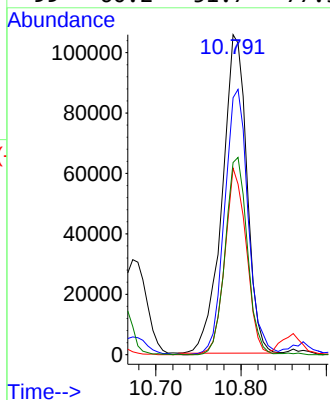
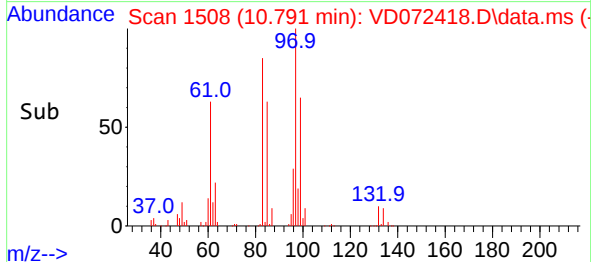
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



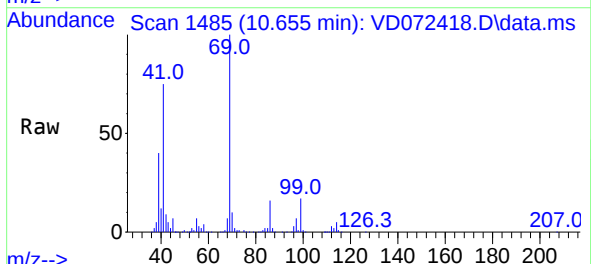
Tgt Ion: 97 Resp: 21215
Ion Ratio Lower Upper
97 100
83 80.5 69.0 103.4
85 58.6 42.6 63.8
99 60.2 51.7 77.5

Manual Integrations
APPROVED

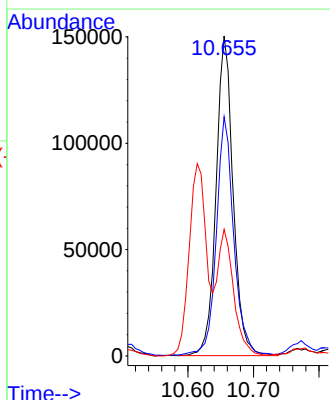
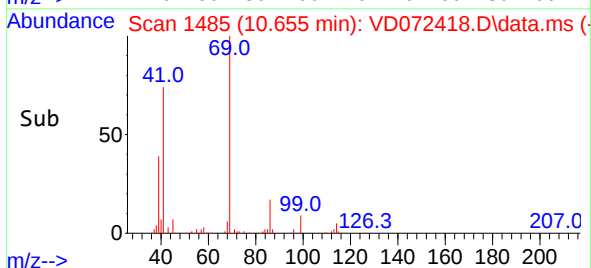
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

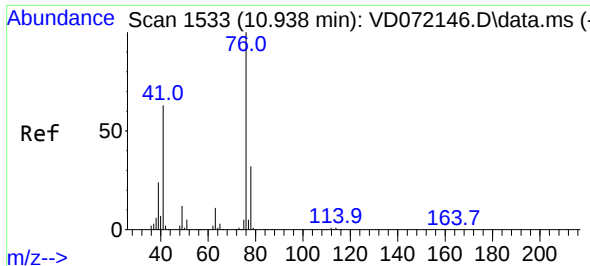


#56
Ethyl methacrylate
Concen: 60.825 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. -0.000 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07



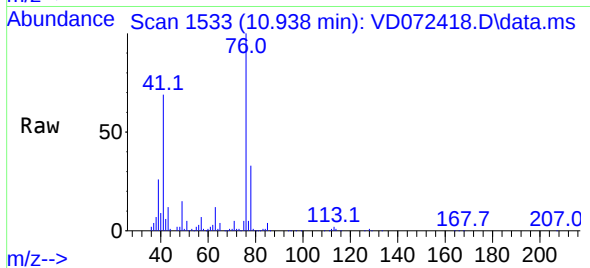
Tgt Ion: 69 Resp: 270638
Ion Ratio Lower Upper
69 100
41 76.3 63.0 94.6
39 36.7 33.8 50.8





#57
1,3-Dichloropropane
Concen: 50.847 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07

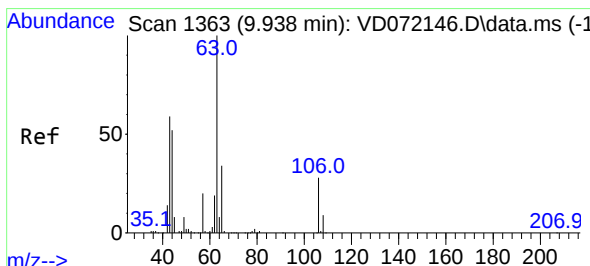
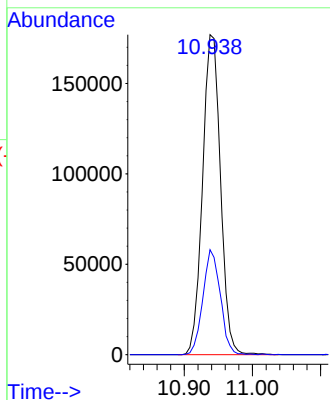
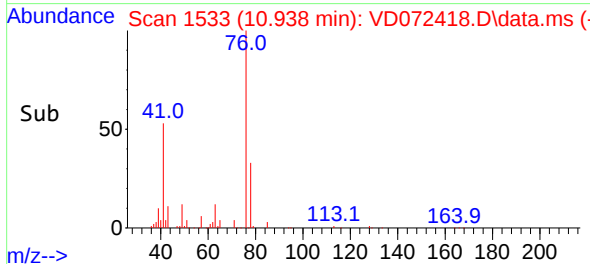
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



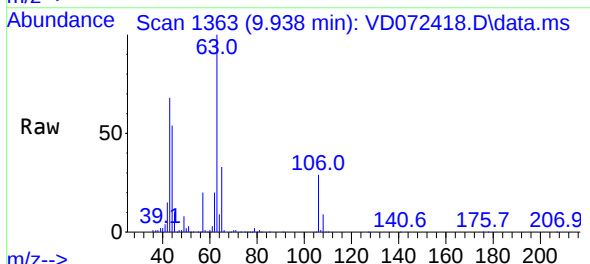
Tgt Ion: 76 Resp: 324179
Ion Ratio Lower Upper
76 100
78 31.9 26.0 39.0

Manual Integrations
APPROVED

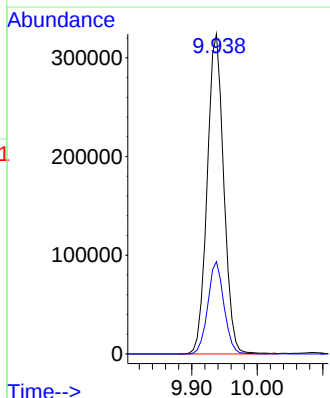
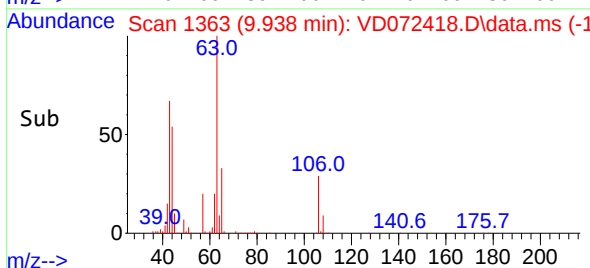
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

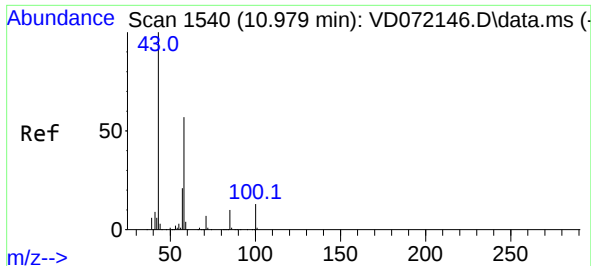


#58
2-Chloroethyl Vinyl ether
Concen: 284.072 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. -0.000 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07



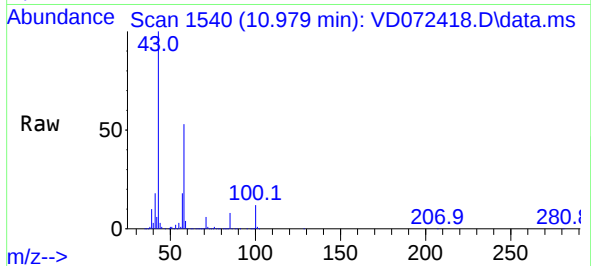
Tgt Ion: 63 Resp: 568315
Ion Ratio Lower Upper
63 100
106 28.1 21.4 32.0





#59
2-Hexanone
Concen: 297.129 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07

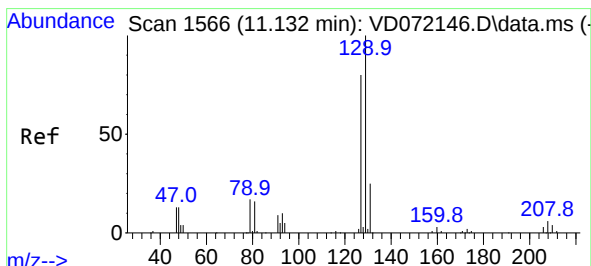
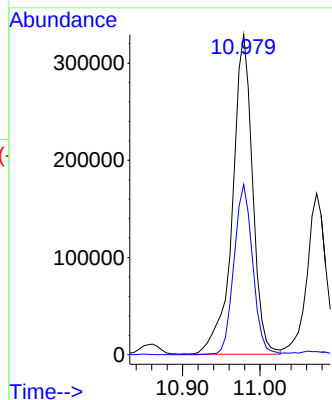
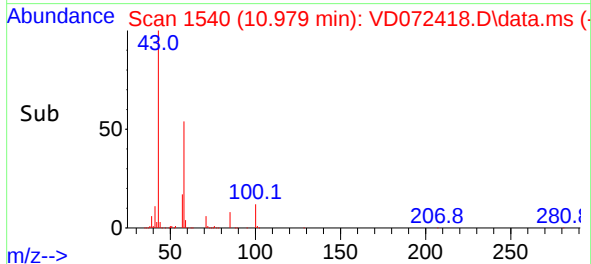
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



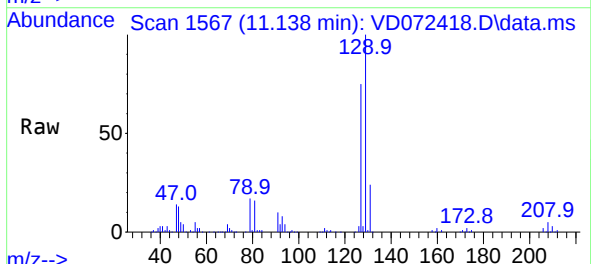
Tgt Ion: 43 Resp: 593769
Ion Ratio Lower Upper
43 100
58 49.5 25.3 75.9

Manual Integrations
APPROVED

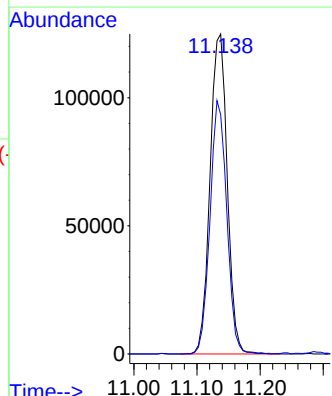
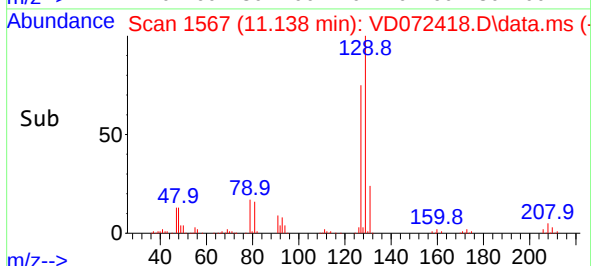
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

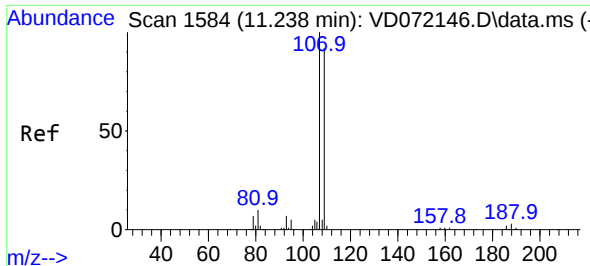


#60
Dibromochloromethane
Concen: 47.983 ug/l
RT: 11.138 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07



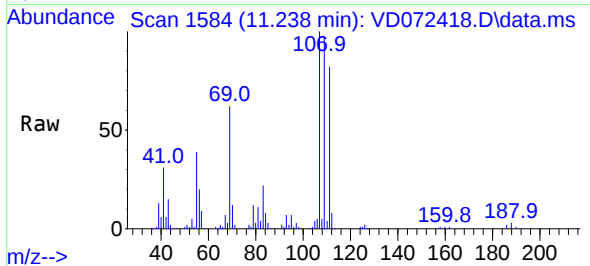
Tgt Ion:129 Resp: 236525
Ion Ratio Lower Upper
129 100
127 76.9 39.2 117.6





#61
1,2-Dibromoethane
Concen: 50.904 ug/l
RT: 11.238 min Scan# 1584
Delta R.T. -0.000 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07

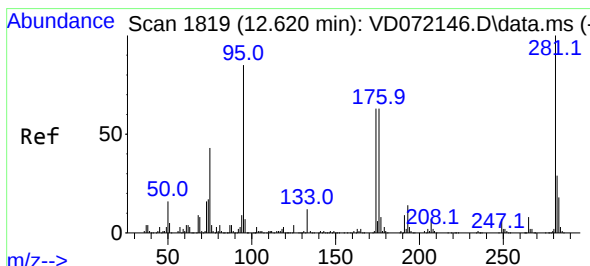
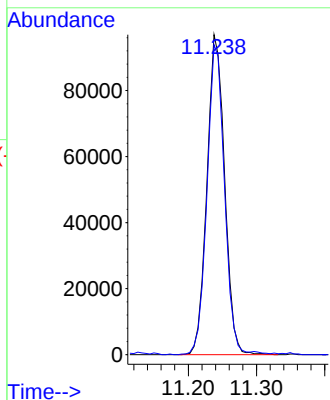
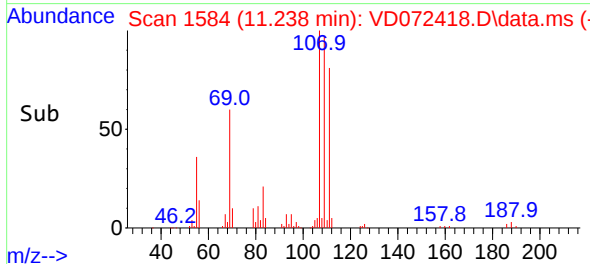
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 17473
Ion Ratio Lower Upper
107 100
109 95.9 74.2 111.4

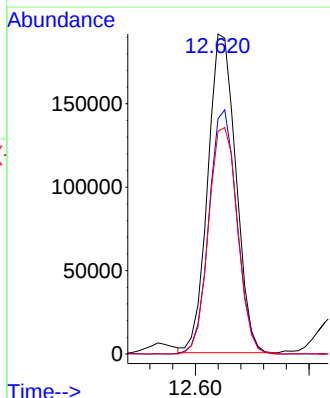
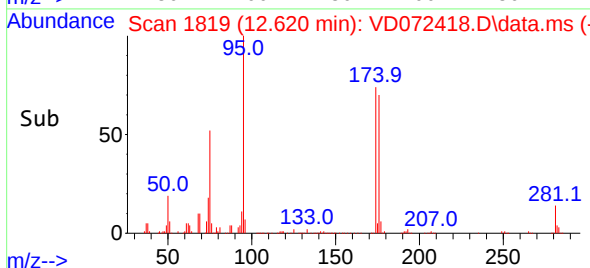
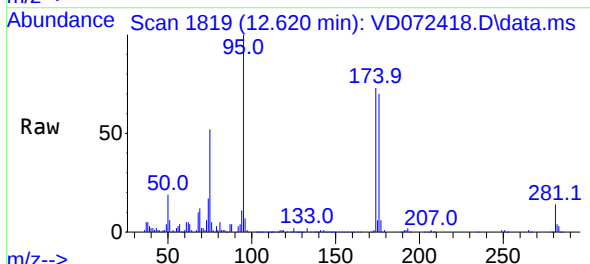
Manual Integrations
APPROVED

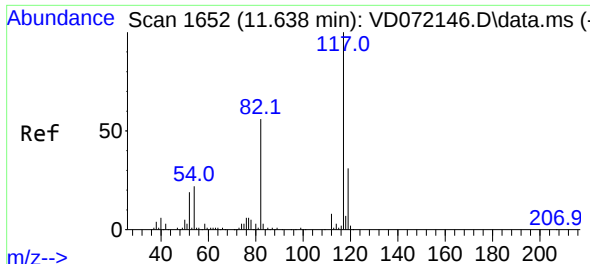
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#62
4-Bromofluorobenzene
Concen: 49.976 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07

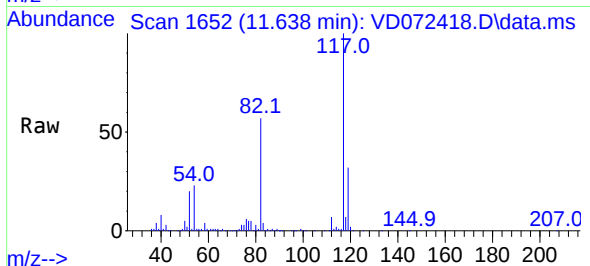
Tgt Ion: 95 Resp: 327934
Ion Ratio Lower Upper
95 100
174 76.2 0.0 152.8
176 73.3 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07

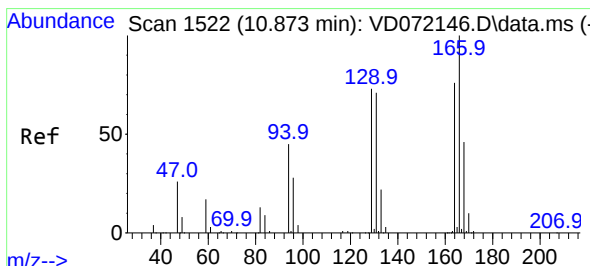
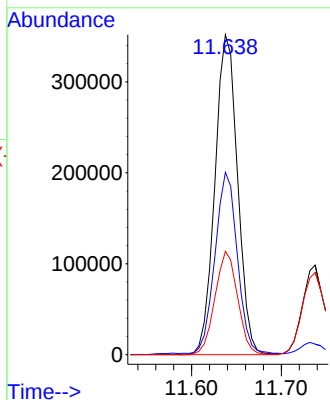
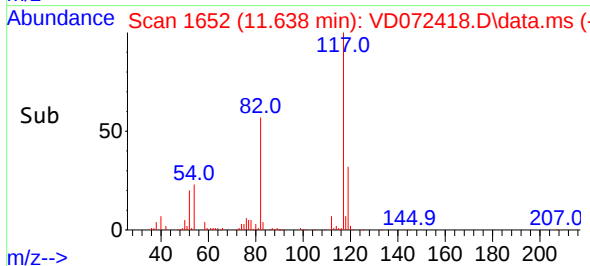
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



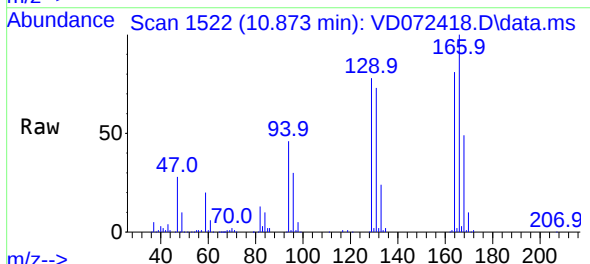
Tgt Ion:117 Resp: 61712
Ion Ratio Lower Upper
117 100
82 56.7 45.3 67.9
119 32.3 26.6 40.0

Manual Integrations
APPROVED

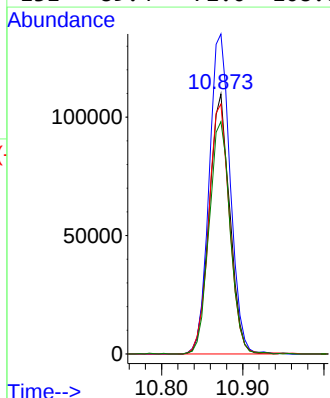
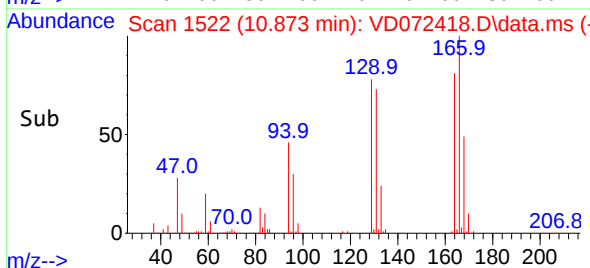
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

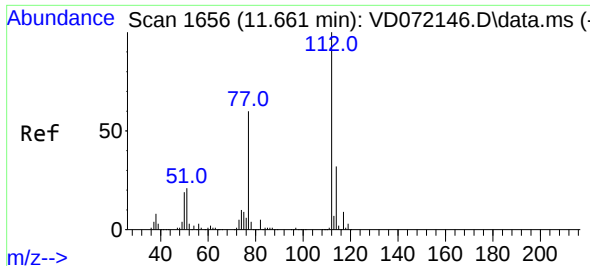


#64
Tetrachloroethene
Concen: 44.387 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07



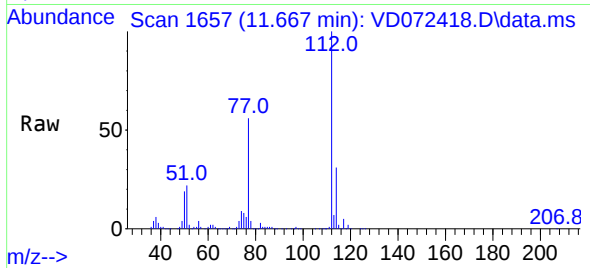
Tgt Ion:164 Resp: 192998
Ion Ratio Lower Upper
164 100
166 123.1 98.5 147.7
129 96.2 74.6 111.8
131 89.4 72.0 108.0





#65
Chlorobenzene
Concen: 47.339 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. 0.006 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07

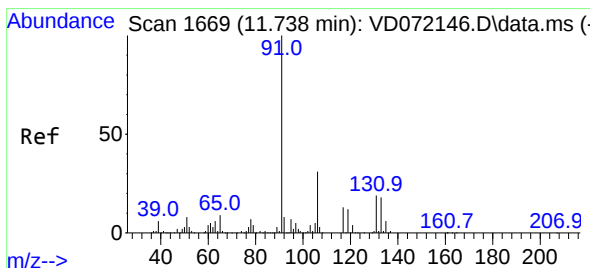
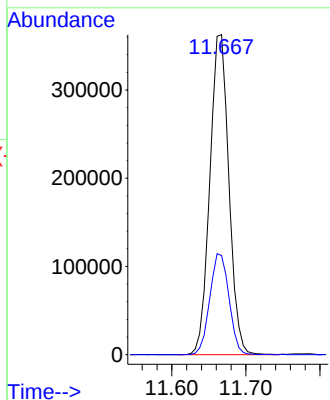
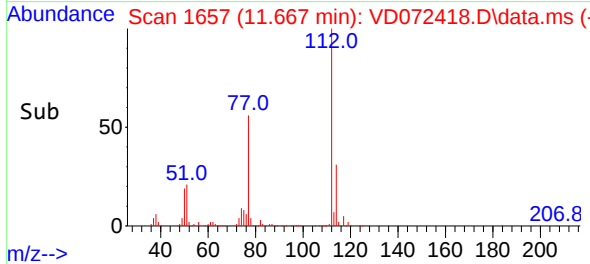
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



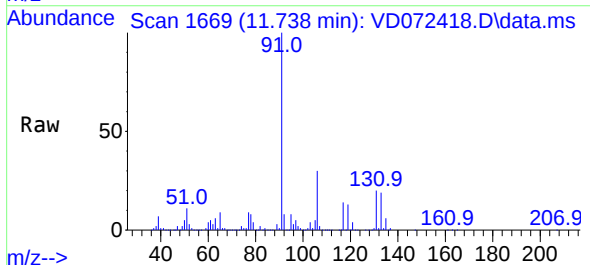
Tgt Ion:112 Resp: 647650
Ion Ratio Lower Upper
112 100
114 31.0 25.8 38.6

Manual Integrations
APPROVED

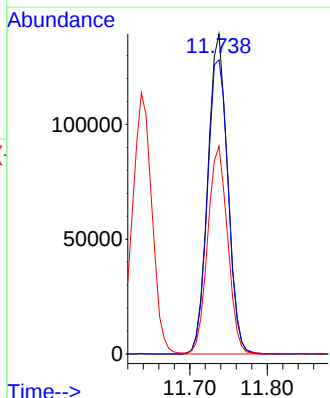
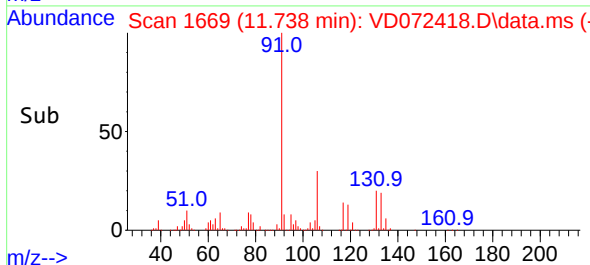
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

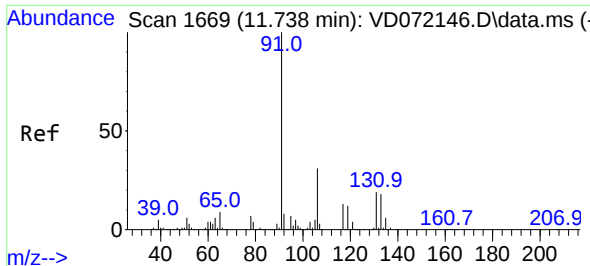


#66
1,1,1,2-Tetrachloroethane
Concen: 45.475 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07



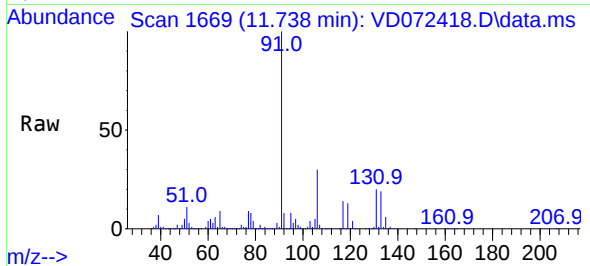
Tgt Ion:131 Resp: 246030
Ion Ratio Lower Upper
131 100
133 97.2 48.1 144.3
119 65.6 31.9 95.9





#67
Ethyl Benzene
Concen: 47.590 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07

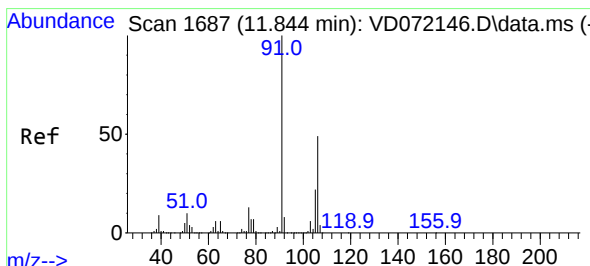
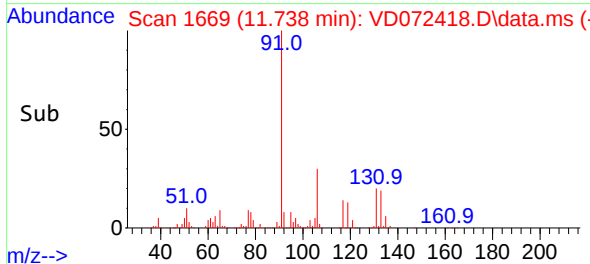
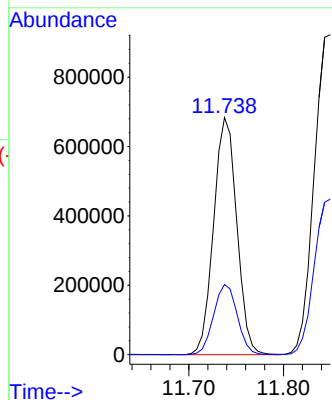
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 1162874
Ion Ratio Lower Upper
91 100
106 29.6 24.2 36.4

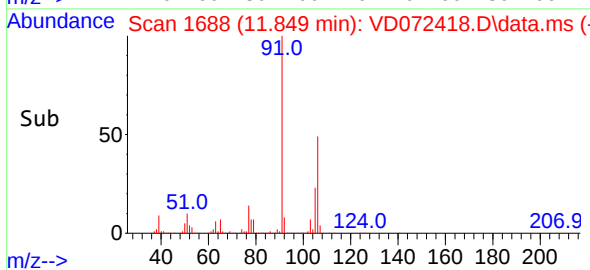
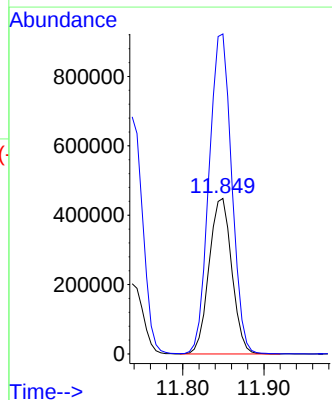
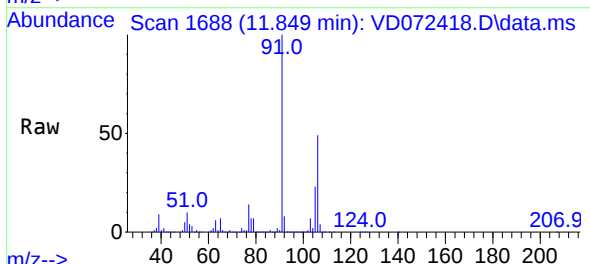
Manual Integrations
APPROVED

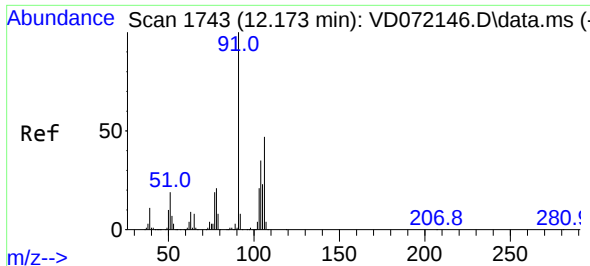
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#68
m/p-Xylenes
Concen: 93.896 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. 0.006 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07

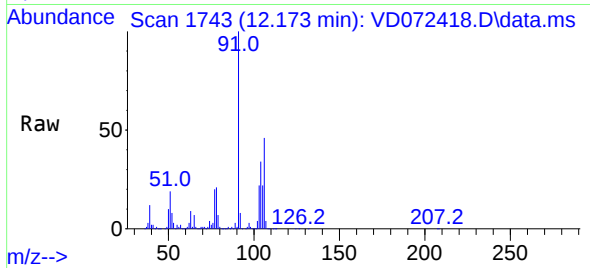
Tgt Ion:106 Resp: 871219
Ion Ratio Lower Upper
106 100
91 205.3 163.7 245.5





#69
o-Xylene
Concen: 48.221 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07

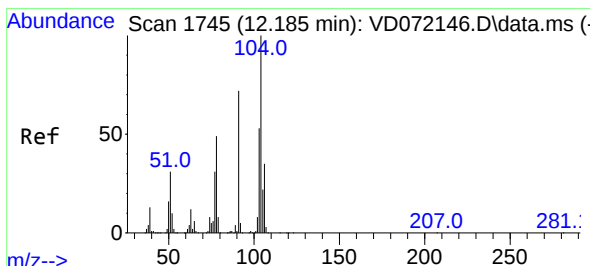
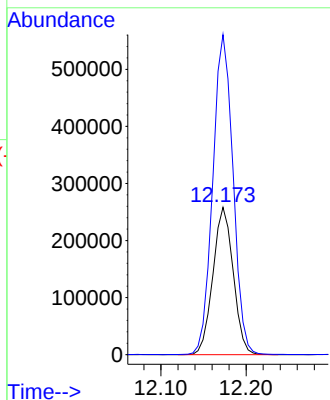
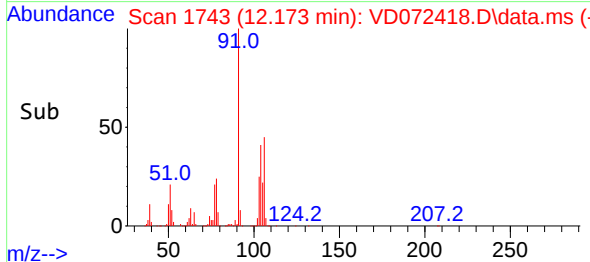
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



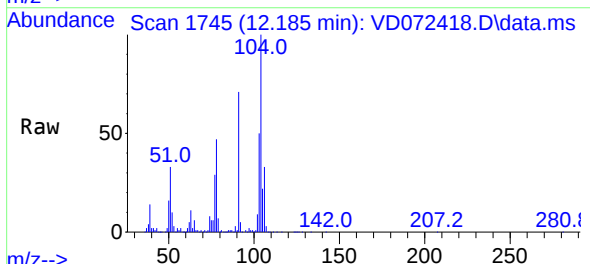
Tgt Ion:106 Resp: 427968
Ion Ratio Lower Upper
106 100
91 217.5 110.4 331.2

Manual Integrations
APPROVED

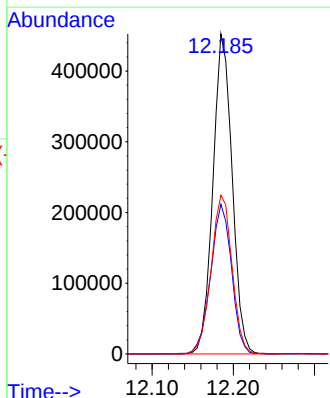
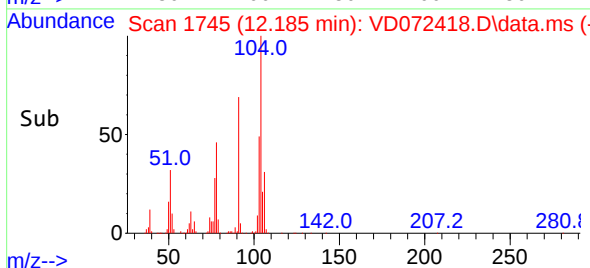
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

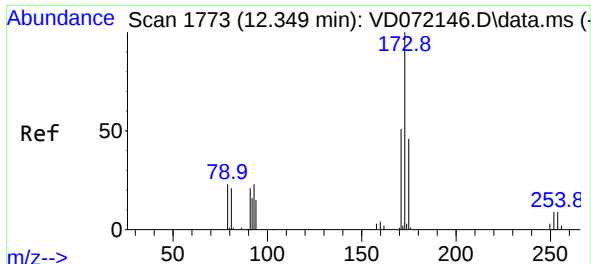


#70
Styrene
Concen: 48.052 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07



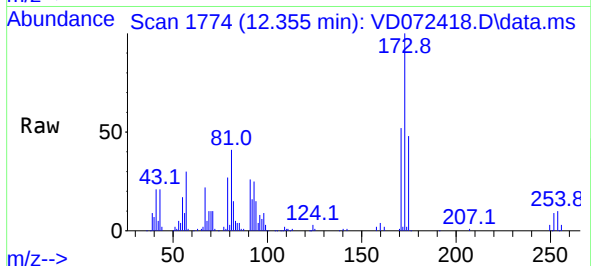
Tgt Ion:104 Resp: 744705
Ion Ratio Lower Upper
104 100
78 50.8 41.8 62.8
103 54.2 44.2 66.4





#71
Bromoform
Concen: 46.123 ug/l
RT: 12.355 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07

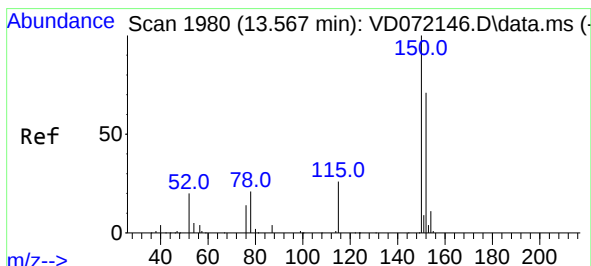
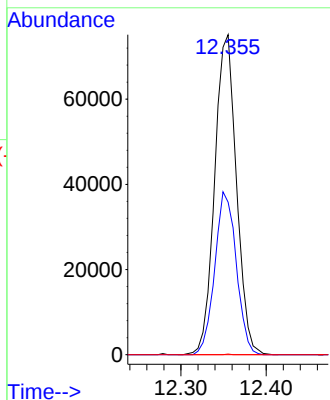
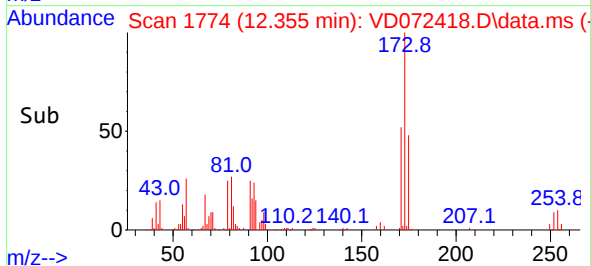
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



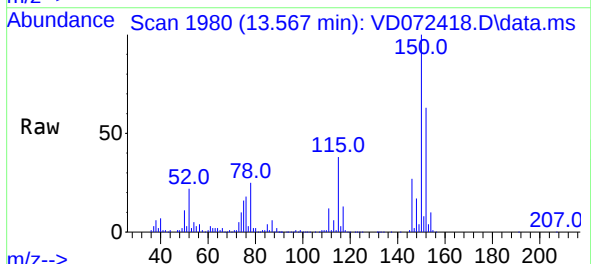
Tgt Ion:173 Resp: 133295
Ion Ratio Lower Upper
173 100
175 50.3 23.9 71.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

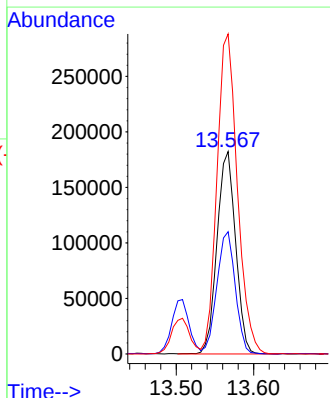
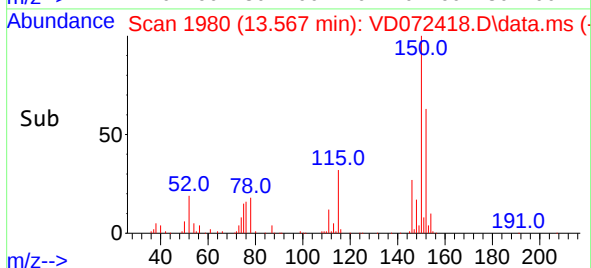
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

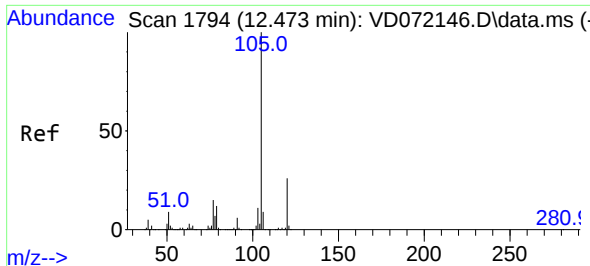


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07



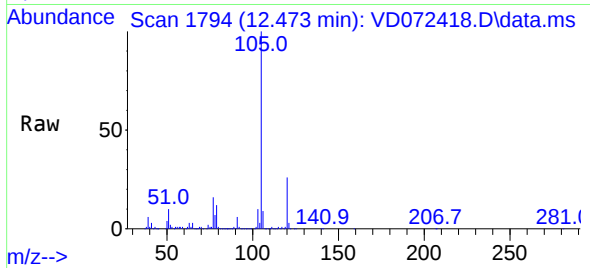
Tgt Ion:152 Resp: 303672
Ion Ratio Lower Upper
152 100
115 59.9 31.3 93.8
150 173.5 0.0 348.6





#73
Isopropylbenzene
Concen: 47.900 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07

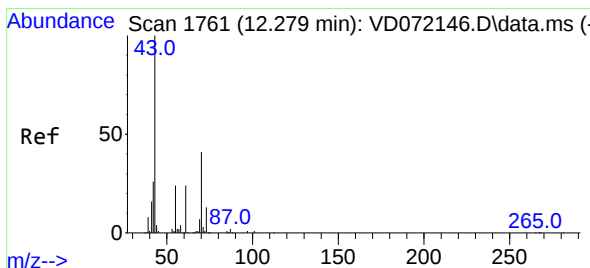
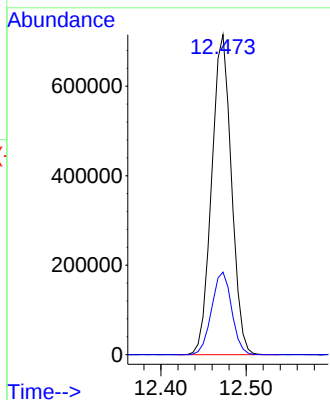
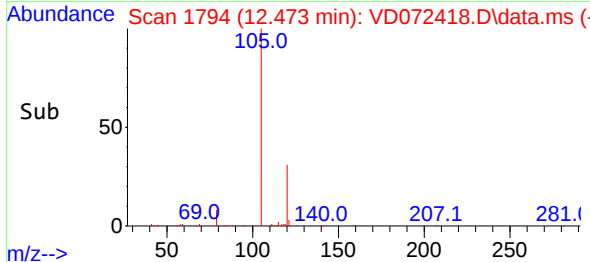
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



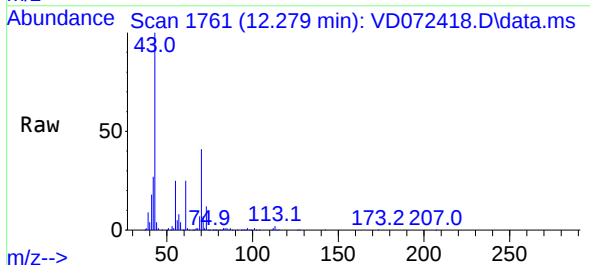
Tgt Ion:105 Resp: 115268
Ion Ratio Lower Upper
105 100
120 26.2 13.0 38.9

Manual Integrations
APPROVED

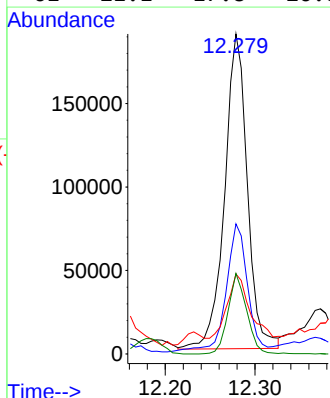
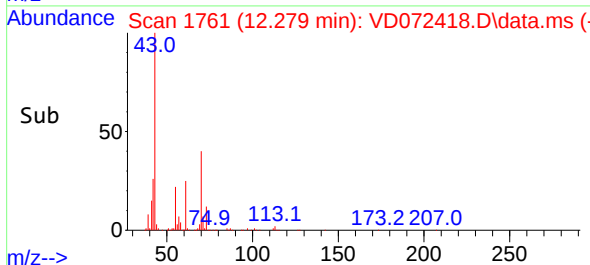
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

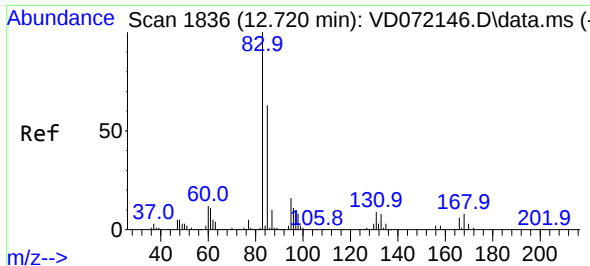


#74
N-ethyl acetate
Concen: 64.158 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07



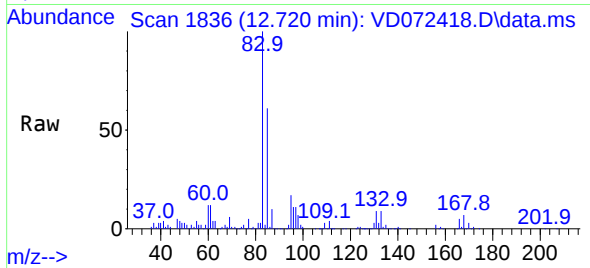
Tgt Ion: 43 Resp: 331792
Ion Ratio Lower Upper
43 100
70 38.1 31.3 46.9
55 30.3 20.0 30.0#
61 21.1 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 51.015 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07

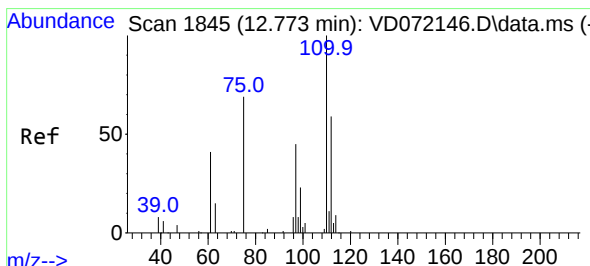
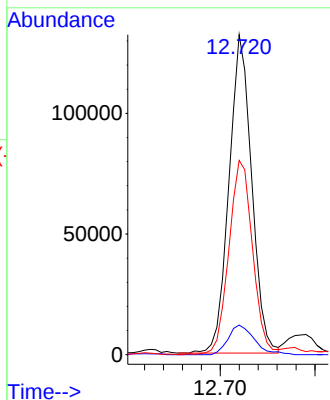
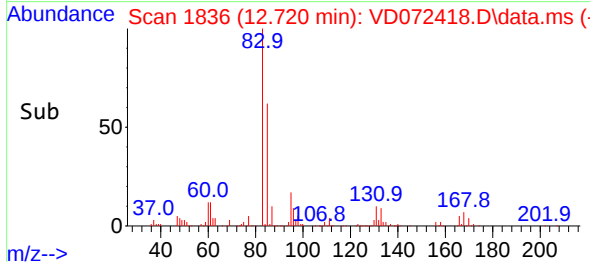
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



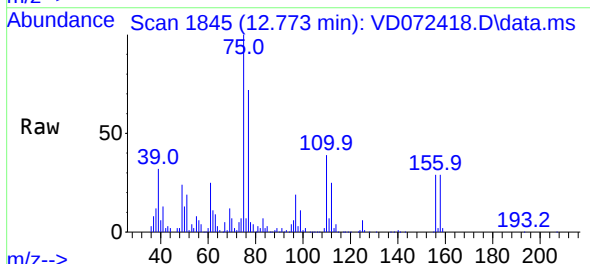
Tgt Ion: 83 Resp: 21956
Ion Ratio Lower Upper
83 100
131 10.7 5.0 14.9
85 63.9 32.6 98.0

Manual Integrations
APPROVED

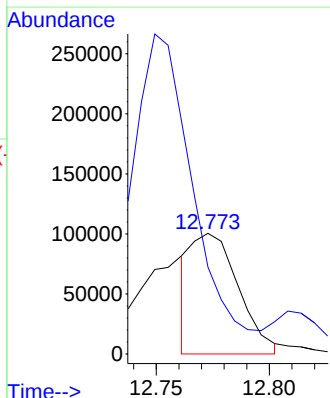
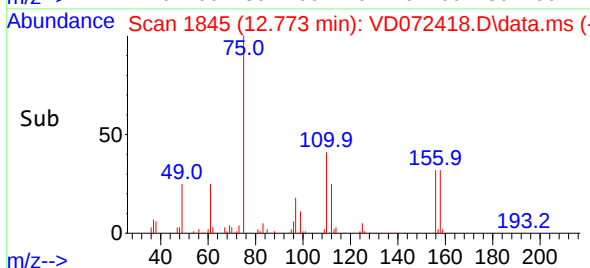
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

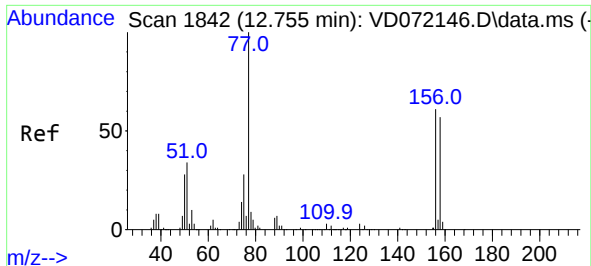


#76
1,2,3-Trichloropropane
Concen: 43.517 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07



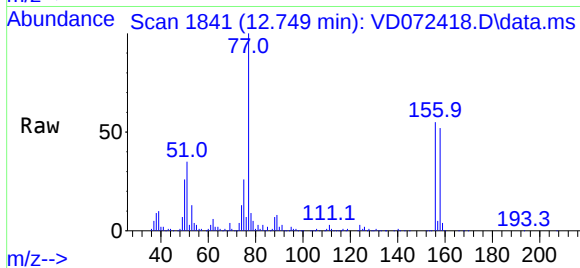
Tgt Ion: 75 Resp: 145772
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 47.459 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.006 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07

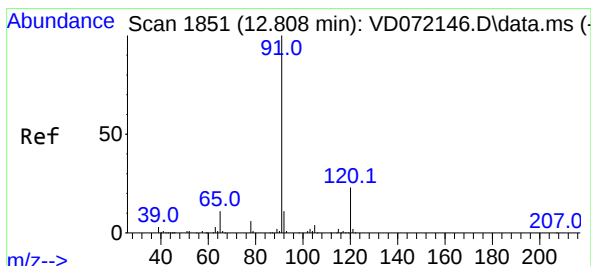
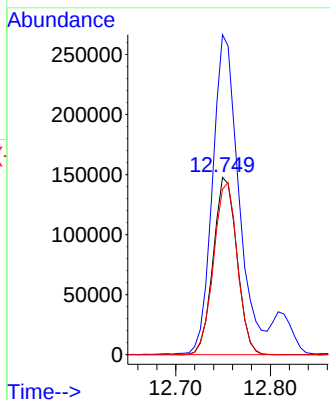
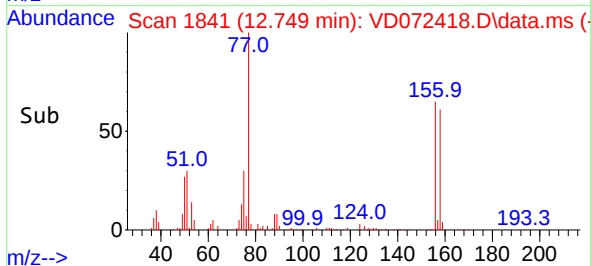
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



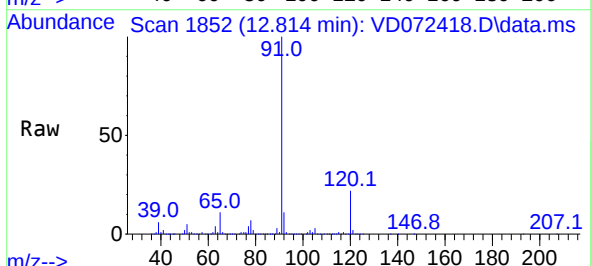
Tgt Ion:156 Resp: 25705
Ion Ratio Lower Upper
156 100
77 201.0 102.8 308.3
158 97.2 48.7 146.1

Manual Integrations
APPROVED

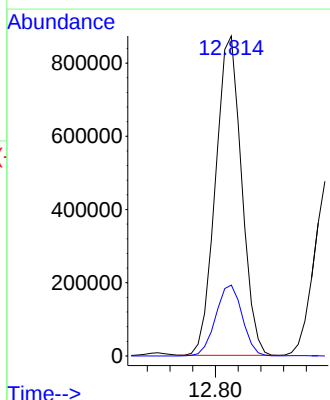
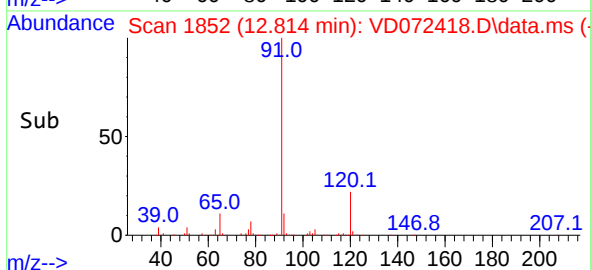
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

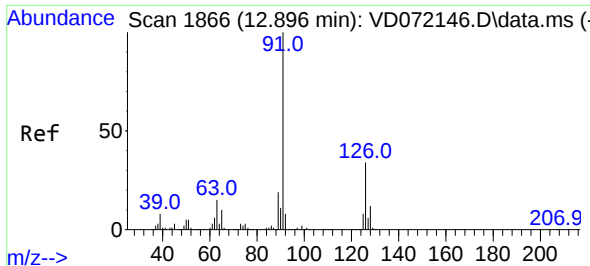


#78
n-propylbenzene
Concen: 47.559 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07



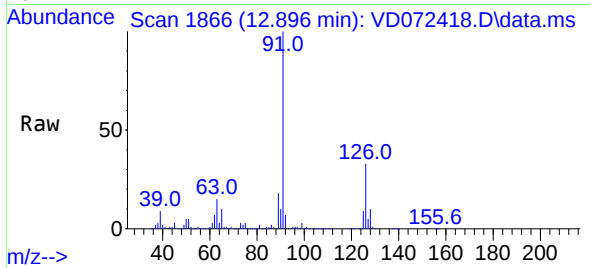
Tgt Ion: 91 Resp: 1390146
Ion Ratio Lower Upper
91 100
120 22.6 10.9 32.9





#79
2-Chlorotoluene
Concen: 47.957 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07

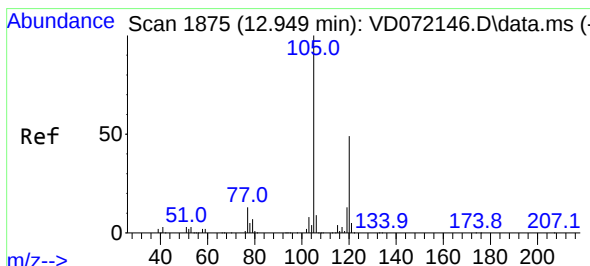
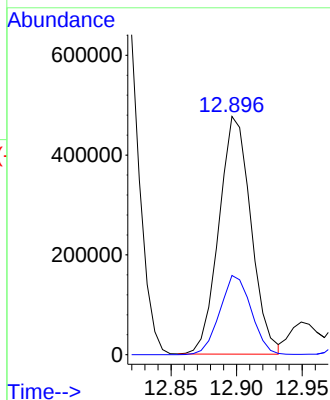
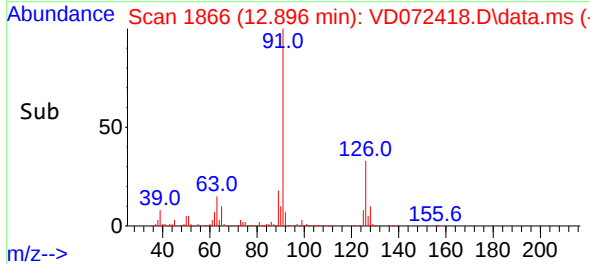
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



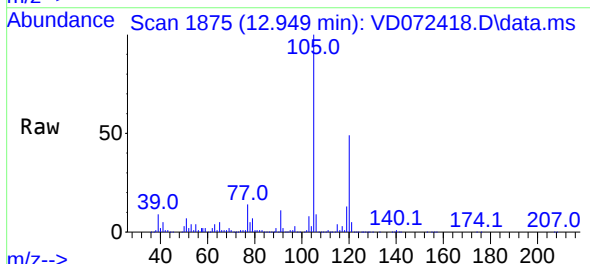
Tgt Ion: 91 Resp: 810570
Ion Ratio Lower Upper
91 100
126 32.7 16.2 48.6

Manual Integrations
APPROVED

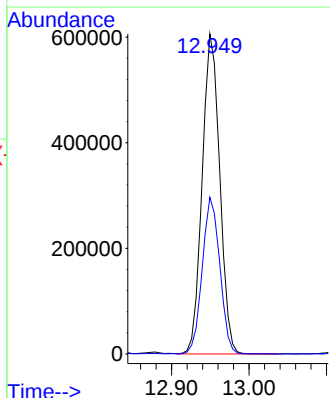
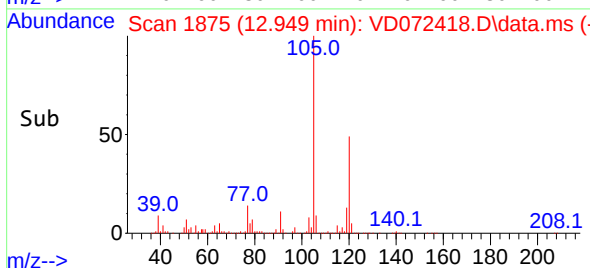
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

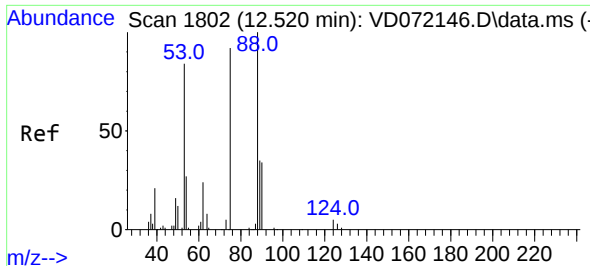


#80
1,3,5-Trimethylbenzene
Concen: 46.182 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07



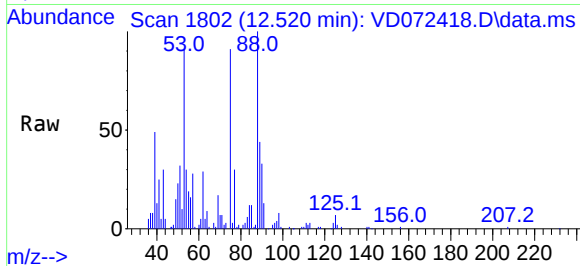
Tgt Ion:105 Resp: 954763
Ion Ratio Lower Upper
105 100
120 48.9 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 49.793 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07

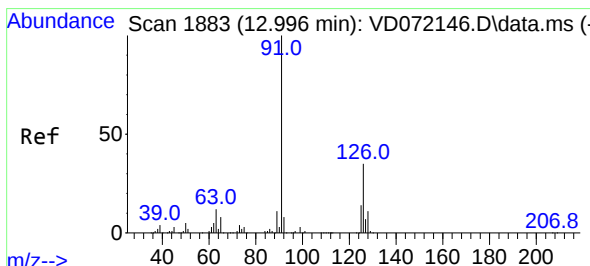
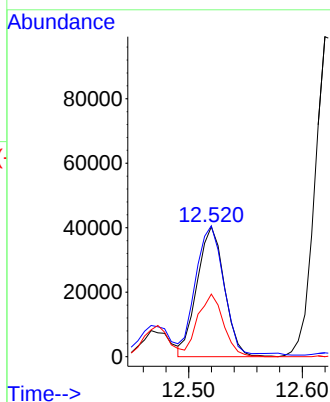
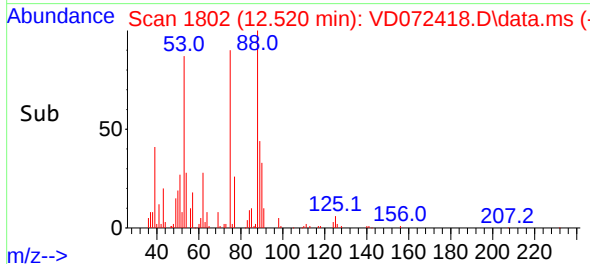
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



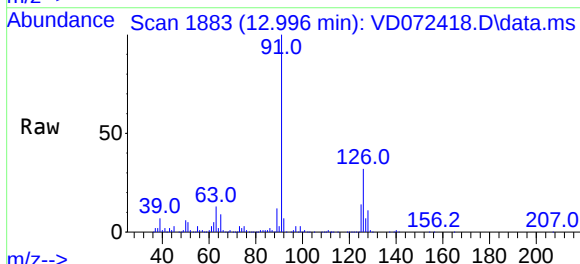
Tgt Ion: 75 Resp: 67220
Ion Ratio Lower Upper
75 100
53 99.0 86.5 129.7
89 45.2 33.9 50.9

Manual Integrations
APPROVED

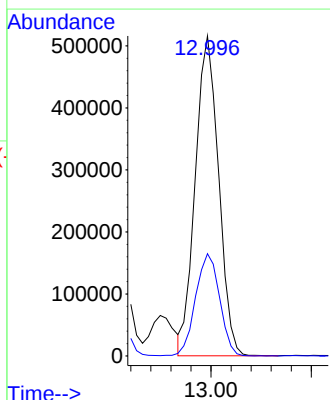
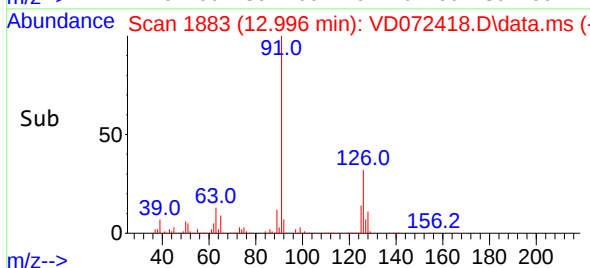
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

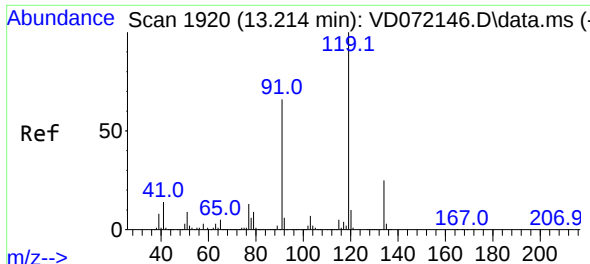


#82
4-Chlorotoluene
Concen: 47.585 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07



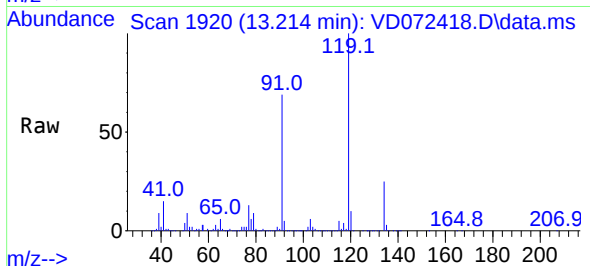
Tgt Ion: 91 Resp: 832782
Ion Ratio Lower Upper
91 100
126 33.1 16.5 49.5





#83
tert-Butylbenzene
Concen: 46.098 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. -0.000 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07

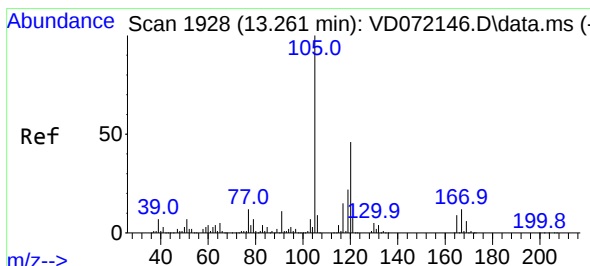
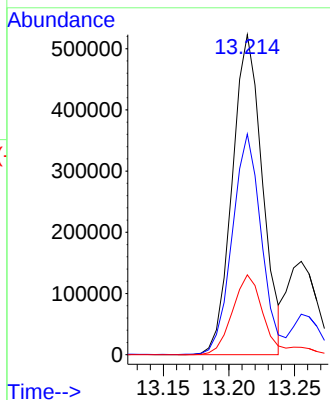
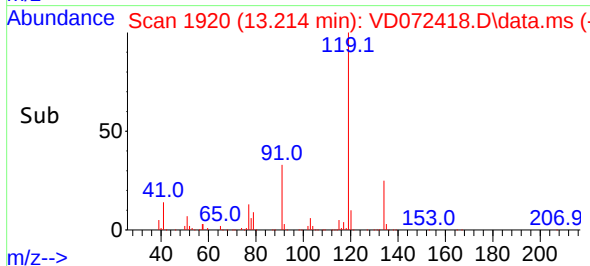
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



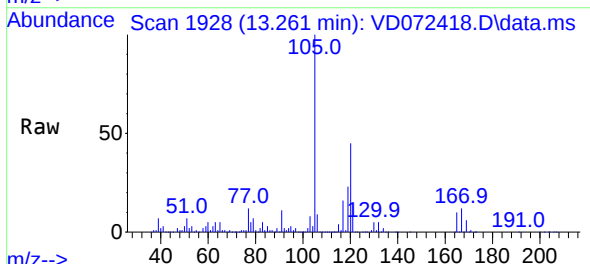
Tgt Ion:119 Resp: 83552
Ion Ratio Lower Upper
119 100
91 67.0 34.8 104.5
134 26.8 13.3 39.9

Manual Integrations
APPROVED

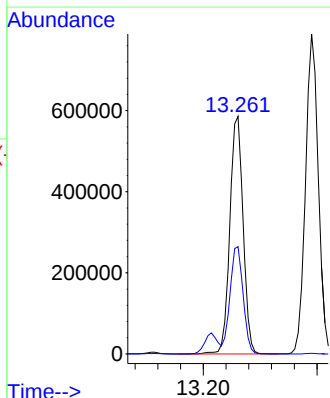
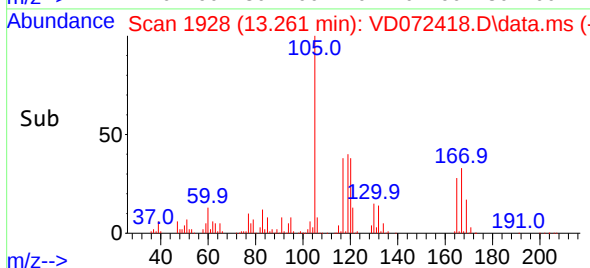
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

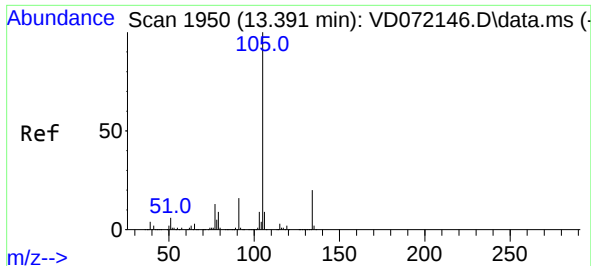


#84
1,2,4-Trimethylbenzene
Concen: 46.661 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. -0.000 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07



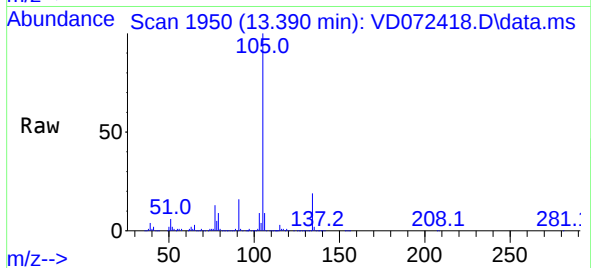
Tgt Ion:105 Resp: 950503
Ion Ratio Lower Upper
105 100
120 44.5 22.3 66.8





#85
 sec-Butylbenzene
 Concen: 45.327 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VD072418.D
 Acq: 24 Mar 2022 20:07

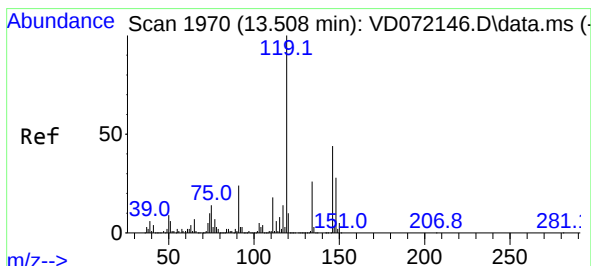
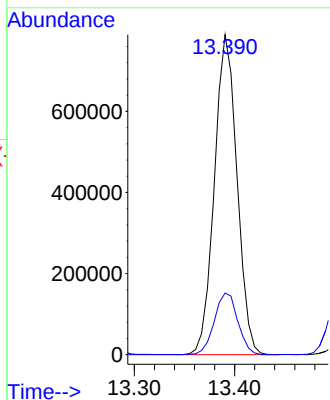
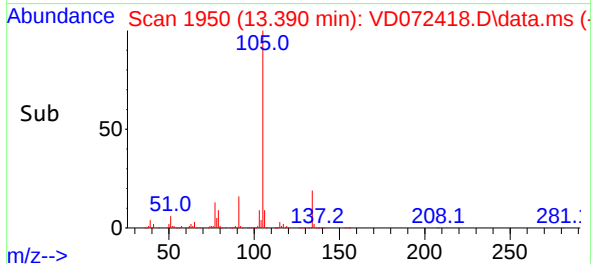
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



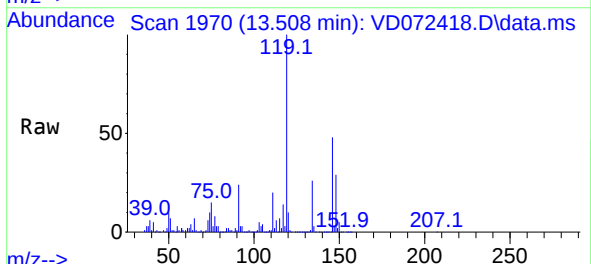
Tgt Ion:105 Resp: 1233740
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.3

Manual Integrations
 APPROVED

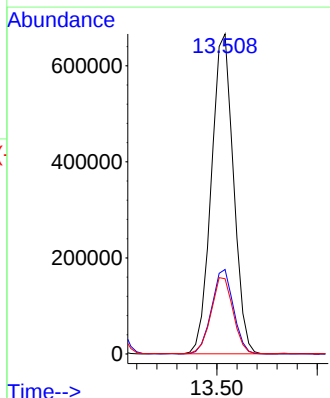
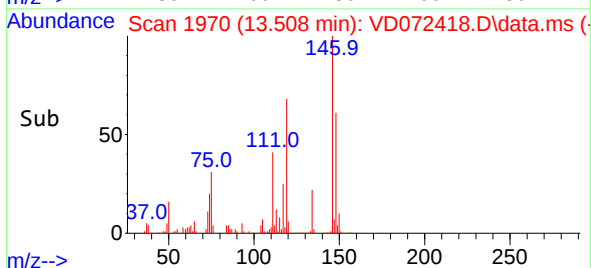
Reviewed By :John Carlone 03/25/2022
 Supervised By :Mahesh Dadoda 03/25/2022

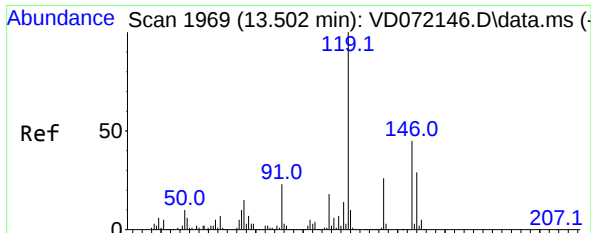


#86
 p-Isopropyltoluene
 Concen: 45.426 ug/l
 RT: 13.508 min Scan# 1970
 Delta R.T. -0.000 min
 Lab File: VD072418.D
 Acq: 24 Mar 2022 20:07



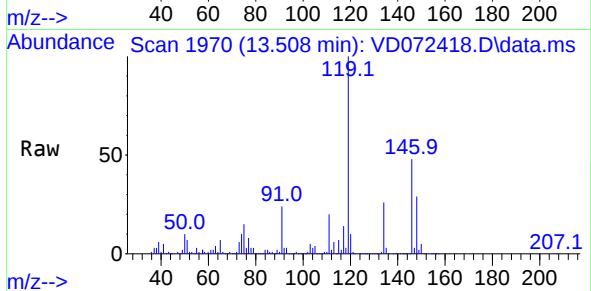
Tgt Ion:119 Resp: 1017436
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.9 38.6
 91 23.8 12.1 36.3





#87
1,3-Dichlorobenzene
Concen: 46.256 ug/l
RT: 13.508 min Scan# 1969
Delta R.T. 0.006 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07

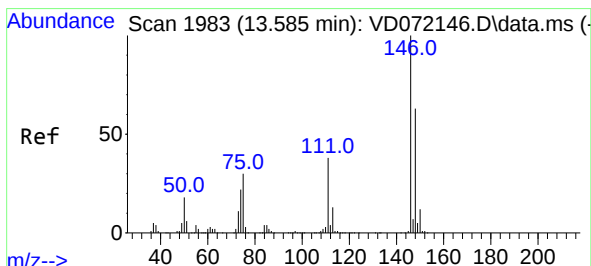
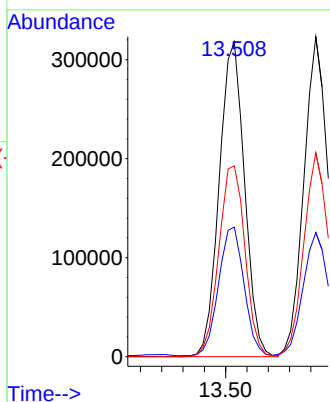
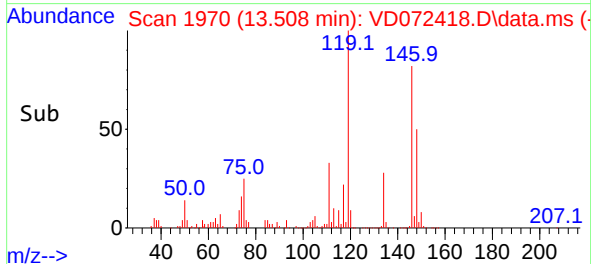
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



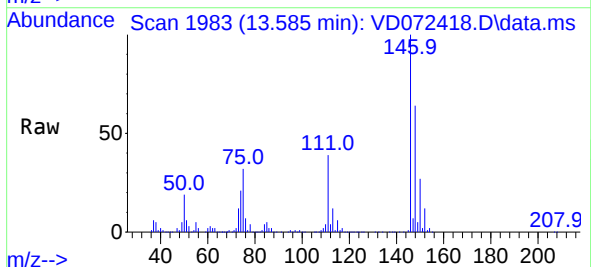
Tgt Ion:146 Resp: 525073
Ion Ratio Lower Upper
146 100
111 41.0 20.4 61.3
148 62.8 31.9 95.7

Manual Integrations
APPROVED

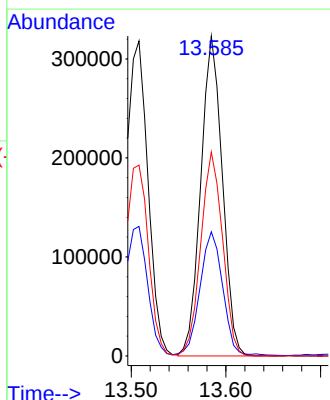
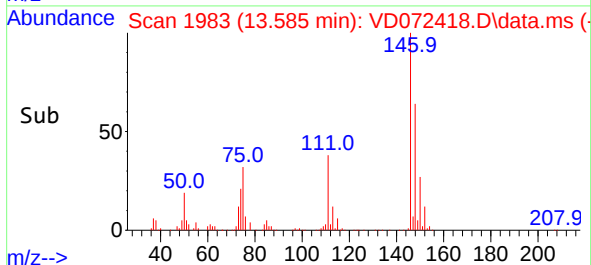
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

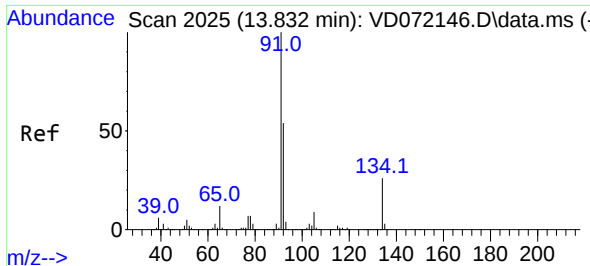


#88
1,4-Dichlorobenzene
Concen: 45.432 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07



Tgt Ion:146 Resp: 511400
Ion Ratio Lower Upper
146 100
111 40.7 20.3 60.9
148 64.5 31.7 95.1





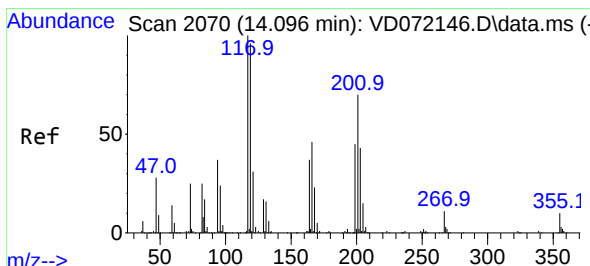
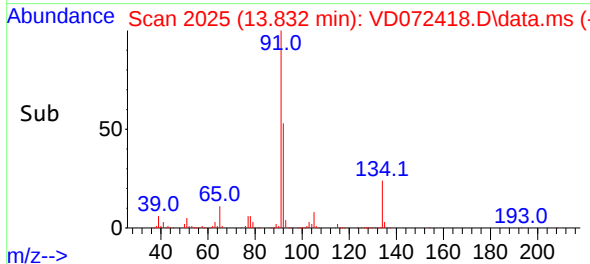
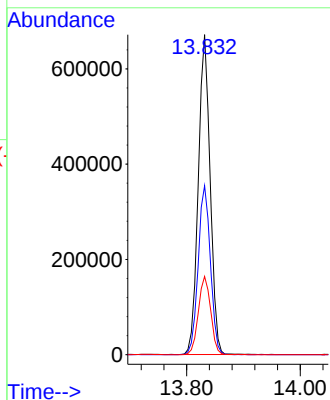
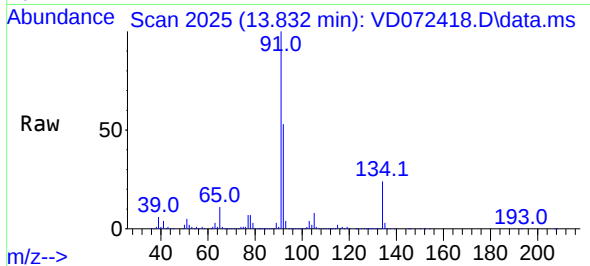
#89
n-Butylbenzene
Concen: 45.747 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 97663
Ion Ratio Lower Upper
91 100
92 54.2 26.6 79.8
134 25.3 12.3 36.9

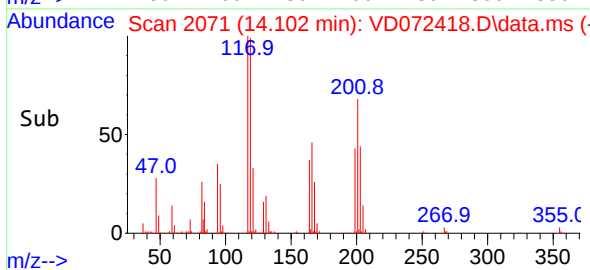
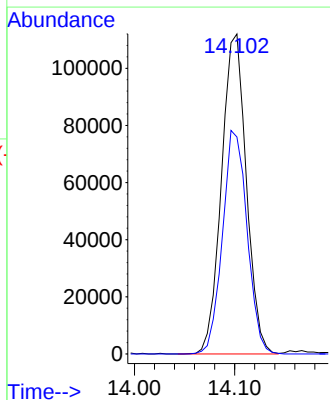
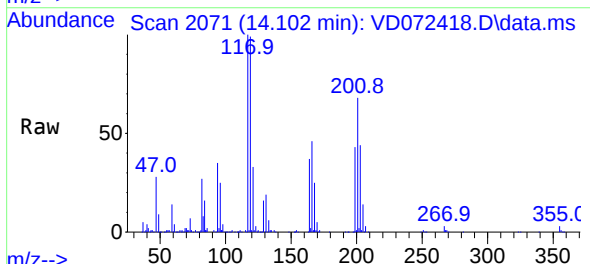
Manual Integrations
APPROVED

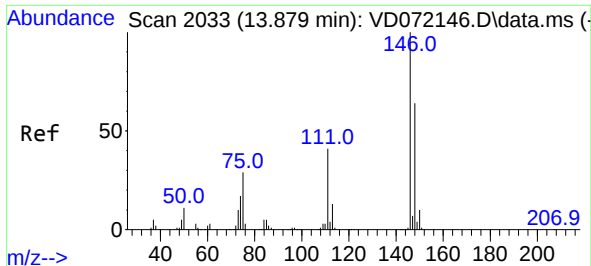
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#90
Hexachloroethane
Concen: 43.907 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. 0.006 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07

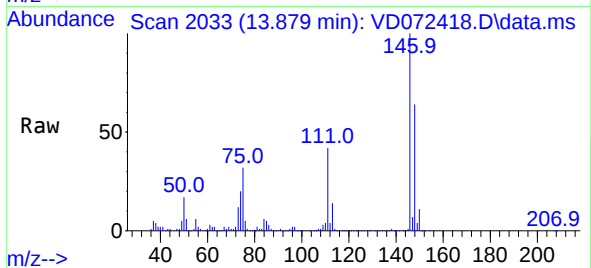
Tgt Ion:117 Resp: 192744
Ion Ratio Lower Upper
117 100
201 69.2 33.4 100.2





#91
1,2-Dichlorobenzene
Concen: 46.574 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. -0.000 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07

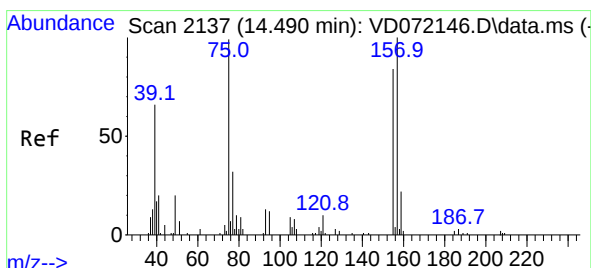
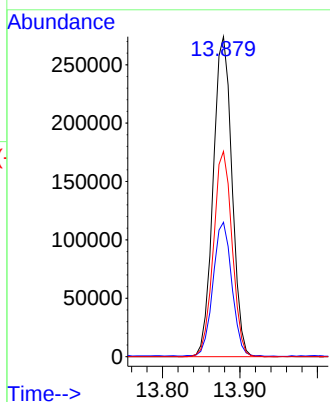
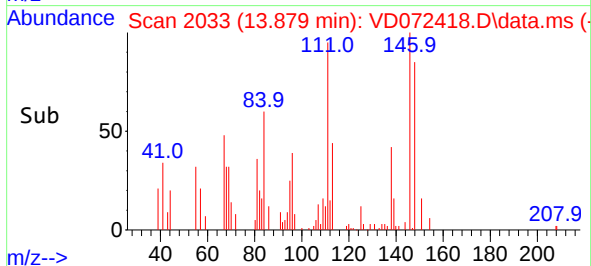
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



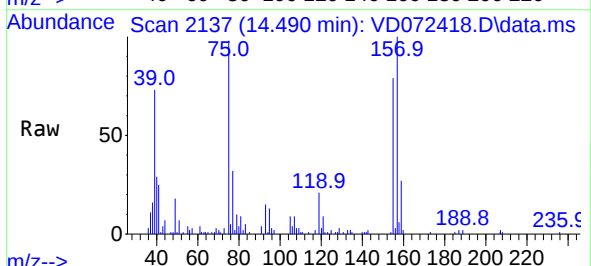
Tgt Ion:146 Resp: 46094
Ion Ratio Lower Upper
146 100
111 42.3 21.1 63.3
148 63.9 31.7 95.1

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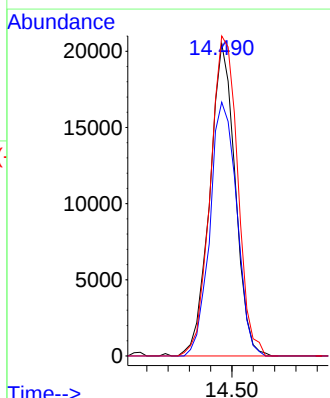
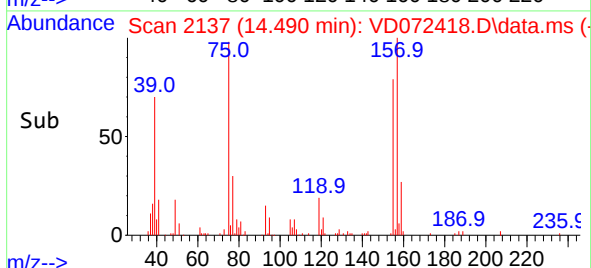
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

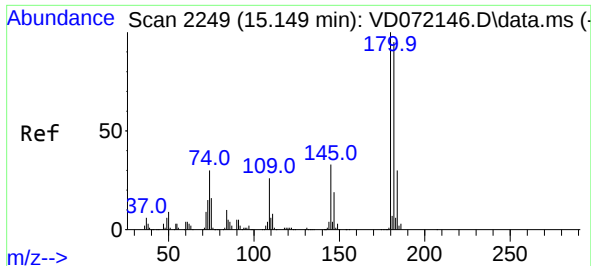


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.452 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07



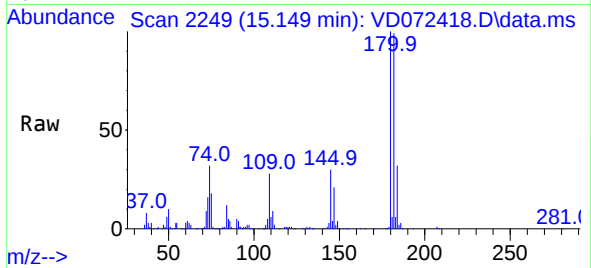
Tgt Ion: 75 Resp: 33967
Ion Ratio Lower Upper
75 100
155 85.3 36.8 110.3
157 109.6 48.4 145.0





#93
1,2,4-Trichlorobenzene
Concen: 44.471 ug/l
RT: 15.149 min Scan# 2249
Delta R.T. -0.000 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07

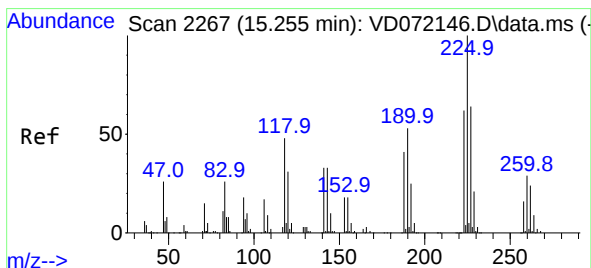
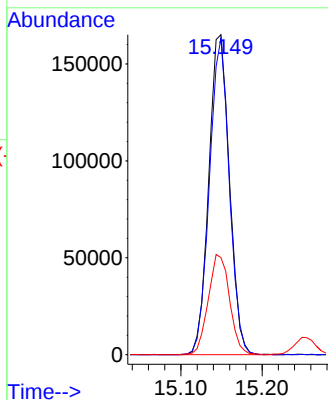
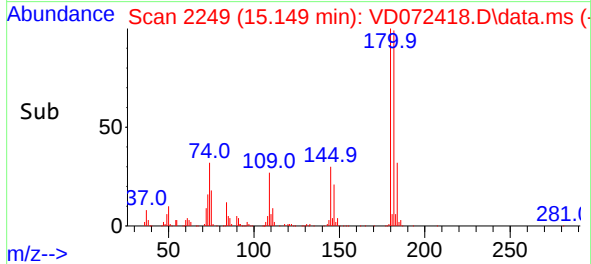
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



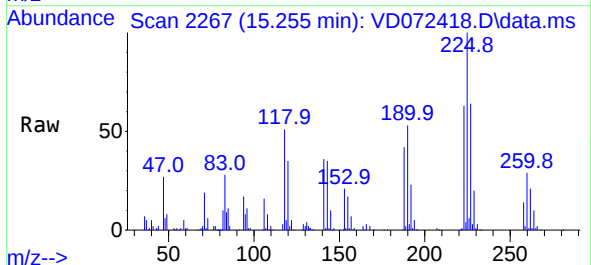
Tgt Ion:180 Resp: 29139
Ion Ratio Lower Upper
180 100
182 95.3 47.3 142.0
145 32.4 16.2 48.5

Manual Integrations
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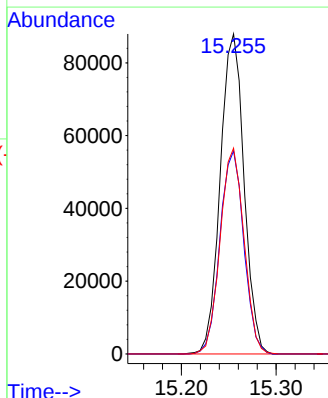
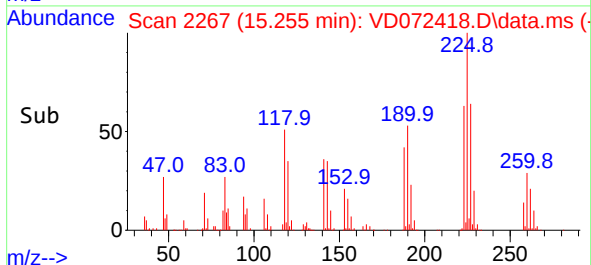
Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022

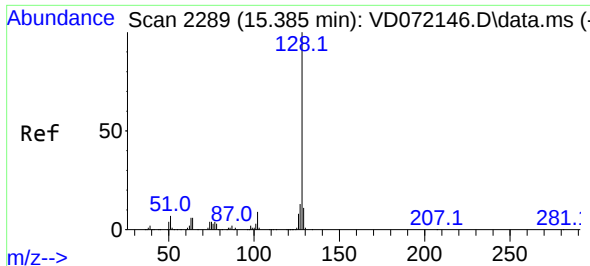


#94
Hexachlorobutadiene
Concen: 40.209 ug/l
RT: 15.255 min Scan# 2267
Delta R.T. -0.000 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07



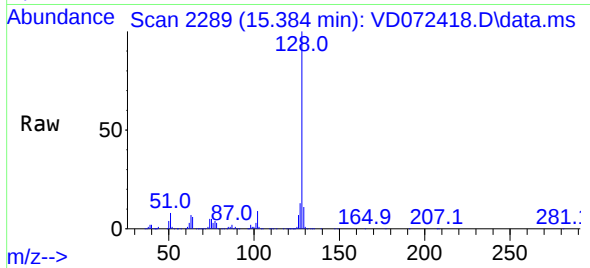
Tgt Ion:225 Resp: 153256
Ion Ratio Lower Upper
225 100
223 63.7 31.1 93.2
227 64.4 32.4 97.0





#95
Naphthalene
Concen: 50.183 ug/l
RT: 15.384 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07

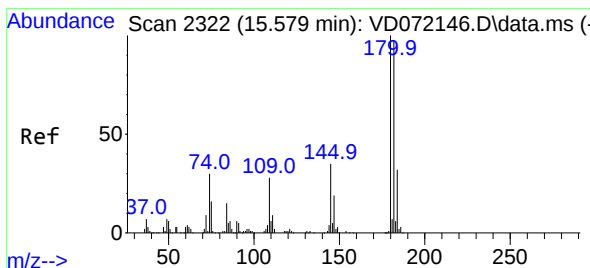
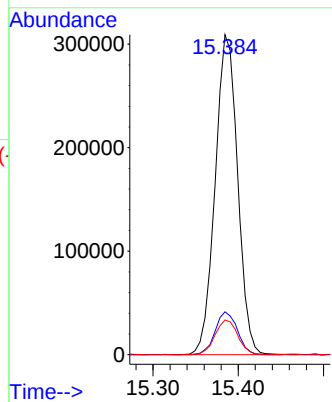
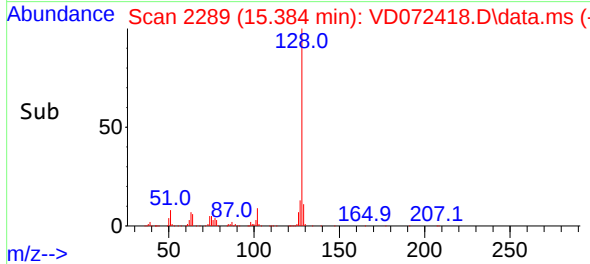
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 566814
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 11.0 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/25/2022
Supervised By :Mahesh Dadoda 03/25/2022



#96
1,2,3-Trichlorobenzene
Concen: 44.653 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VD072418.D
Acq: 24 Mar 2022 20:07

Tgt Ion:180 Resp: 253259
Ion Ratio Lower Upper
180 100
182 95.9 47.6 142.9
145 34.2 17.1 51.3

