

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031622\
 Data File : VD072235.D
 Acq On : 16 Mar 2022 23:13
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/17/2022
 Supervised By : Mahesh Dadoda 03/17/2022

Quant Time: Mar 17 02:30:18 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	7.973	168	341583	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.862	114	629982	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	613951	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	289852	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	234878	61.700	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.400%	
35) Dibromofluoromethane	7.915	113	232530	52.452	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.900%	
50) Toluene-d8	10.332	98	832189	51.337	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.680%	
62) 4-Bromofluorobenzene	12.620	95	315315	50.062	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.120%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	130325	41.250	ug/l	96
3) Chloromethane	2.203	50	171798	61.193	ug/l	94
4) Vinyl Chloride	2.344	62	154095	56.862	ug/l	100
5) Bromomethane	2.762	94	118542	67.175	ug/l	99
6) Chloroethane	2.921	64	112611	62.850	ug/l	96
7) Trichlorofluoromethane	3.274	101	280095	45.767	ug/l	95
8) Diethyl Ether	3.709	74	110565	65.413	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.097	101	179300	45.948	ug/l	96
10) Methyl Iodide	4.303	142	155191	44.640	ug/l	98
11) Tert butyl alcohol	5.221	59	65849	298.337	ug/l #	86
12) 1,1-Dichloroethene	4.068	96	166523	53.043	ug/l	97
13) Acrolein	3.915	56	51530	261.636	ug/l	99
14) Allyl chloride	4.715	41	332993	60.666	ug/l	93
15) Acrylonitrile	5.415	53	289796	339.792	ug/l	97
16) Acetone	4.156	43	210340	254.488	ug/l	99
17) Carbon Disulfide	4.409	76	390769	53.268	ug/l	99
18) Methyl Acetate	4.715	43	165046	81.485	ug/l	97
19) Methyl tert-butyl Ether	5.473	73	559040	65.516	ug/l	99
20) Methylene Chloride	4.962	84	261466	65.965	ug/l	89
21) trans-1,2-Dichloroethene	5.468	96	207229	59.680	ug/l	93
22) Diisopropyl ether	6.362	45	819795	65.480	ug/l	93
23) Vinyl Acetate	6.303	43	2079636	325.477	ug/l	97
24) 1,1-Dichloroethane	6.262	63	449853	60.926	ug/l	99
25) 2-Butanone	7.209	43	347602	315.424	ug/l	96
26) 2,2-Dichloropropane	7.203	77	276972	41.574	ug/l	96
27) cis-1,2-Dichloroethene	7.209	96	272492	61.467	ug/l	92
28) Bromochloromethane	7.544	49	183521	61.740	ug/l	89
29) Tetrahydrofuran	7.556	42	228803	353.092	ug/l	94
30) Chloroform	7.703	83	473591	60.207	ug/l	100
31) Cyclohexane	7.979	56	291165	48.956	ug/l	99
32) 1,1,1-Trichloroethane	7.897	97	371026	53.108	ug/l	97
36) 1,1-Dichloropropene	8.109	75	290007	46.631	ug/l	96
37) Ethyl Acetate	7.291	43	153925	56.501	ug/l #	95
38) Carbon Tetrachloride	8.091	117	302271	42.757	ug/l	98
39) Methylcyclohexane	9.350	83	299079	42.735	ug/l	99
40) Benzene	8.344	78	930054	52.419	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.515	41	96949	61.056	ug/l	91
42) 1,2-Dichloroethane	8.420	62	290577	53.987	ug/l	97
43) Isopropyl Acetate	8.450	43	311974	59.000	ug/l #	96
44) Trichloroethene	9.109	130	242989	48.783	ug/l	97
45) 1,2-Dichloropropane	9.379	63	265697	54.603	ug/l	95
46) Dibromomethane	9.473	93	136820	57.160	ug/l	95
47) Bromodichloromethane	9.656	83	370743	53.131	ug/l	98
48) Methyl methacrylate	9.450	41	158700	62.856	ug/l	92
49) 1,4-Dioxane	9.456	88	31472	1096.452	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	843367	303.672	ug/l	95
52) Toluene	10.397	92	603582	51.698	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	322884	50.646	ug/l	97
54) cis-1,3-Dichloropropene	10.085	75	377211	51.182	ug/l	94
55) 1,1,2-Trichloroethane	10.791	97	198295	54.383	ug/l	99
56) Ethyl methacrylate	10.656	69	254009	59.475	ug/l	91
57) 1,3-Dichloropropane	10.938	76	343923	56.200	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	534937	278.568	ug/l	97
59) 2-Hexanone	10.979	43	566347	295.257	ug/l	96
60) Dibromochloromethane	11.132	129	250085	52.856	ug/l	99
61) 1,2-Dibromoethane	11.238	107	186059	56.469	ug/l	98
64) Tetrachloroethene	10.873	164	204942	47.377	ug/l	99
65) Chlorobenzene	11.661	112	669770	49.208	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	261955	48.669	ug/l	98
67) Ethyl Benzene	11.738	91	1173787	48.284	ug/l	99
68) m/p-Xylenes	11.844	106	884137	95.780	ug/l	99
69) o-Xylene	12.173	106	443558	50.236	ug/l	96
70) Styrene	12.185	104	770000	49.941	ug/l	98
71) Bromoform	12.355	173	142877	49.694	ug/l #	98
73) Isopropylbenzene	12.473	105	1145255	49.860	ug/l	100
74) N-amyl acetate	12.279	43	281000	56.927	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	231525	56.359	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	178177m	55.727	ug/l	
77) Bromobenzene	12.750	156	269539	52.137	ug/l	96
78) n-propylbenzene	12.808	91	1345442	48.224	ug/l	99
79) 2-Chlorotoluene	12.897	91	814683	50.498	ug/l	99
80) 1,3,5-Trimethylbenzene	12.950	105	943059	47.791	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	60579	47.009	ug/l	89
82) 4-Chlorotoluene	12.997	91	829444	49.654	ug/l	100
83) tert-Butylbenzene	13.214	119	844990	48.843	ug/l	95
84) 1,2,4-Trimethylbenzene	13.255	105	947159	48.714	ug/l	100
85) sec-Butylbenzene	13.391	105	1197699	46.100	ug/l	100
86) p-Isopropyltoluene	13.502	119	982890	45.976	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	520549	48.044	ug/l	100
88) 1,4-Dichlorobenzene	13.585	146	521404	48.529	ug/l	99
89) n-Butylbenzene	13.832	91	883487	43.357	ug/l	99
90) Hexachloroethane	14.097	117	201235	48.027	ug/l	96
91) 1,2-Dichlorobenzene	13.879	146	469468	49.697	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	36666	55.927	ug/l	90
93) 1,2,4-Trichlorobenzene	15.144	180	282889	45.232	ug/l	99
94) Hexachlorobutadiene	15.249	225	144996	39.856	ug/l	98
95) Naphthalene	15.379	128	600229	55.675	ug/l	98
96) 1,2,3-Trichlorobenzene	15.573	180	262822	48.549	ug/l	100

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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)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

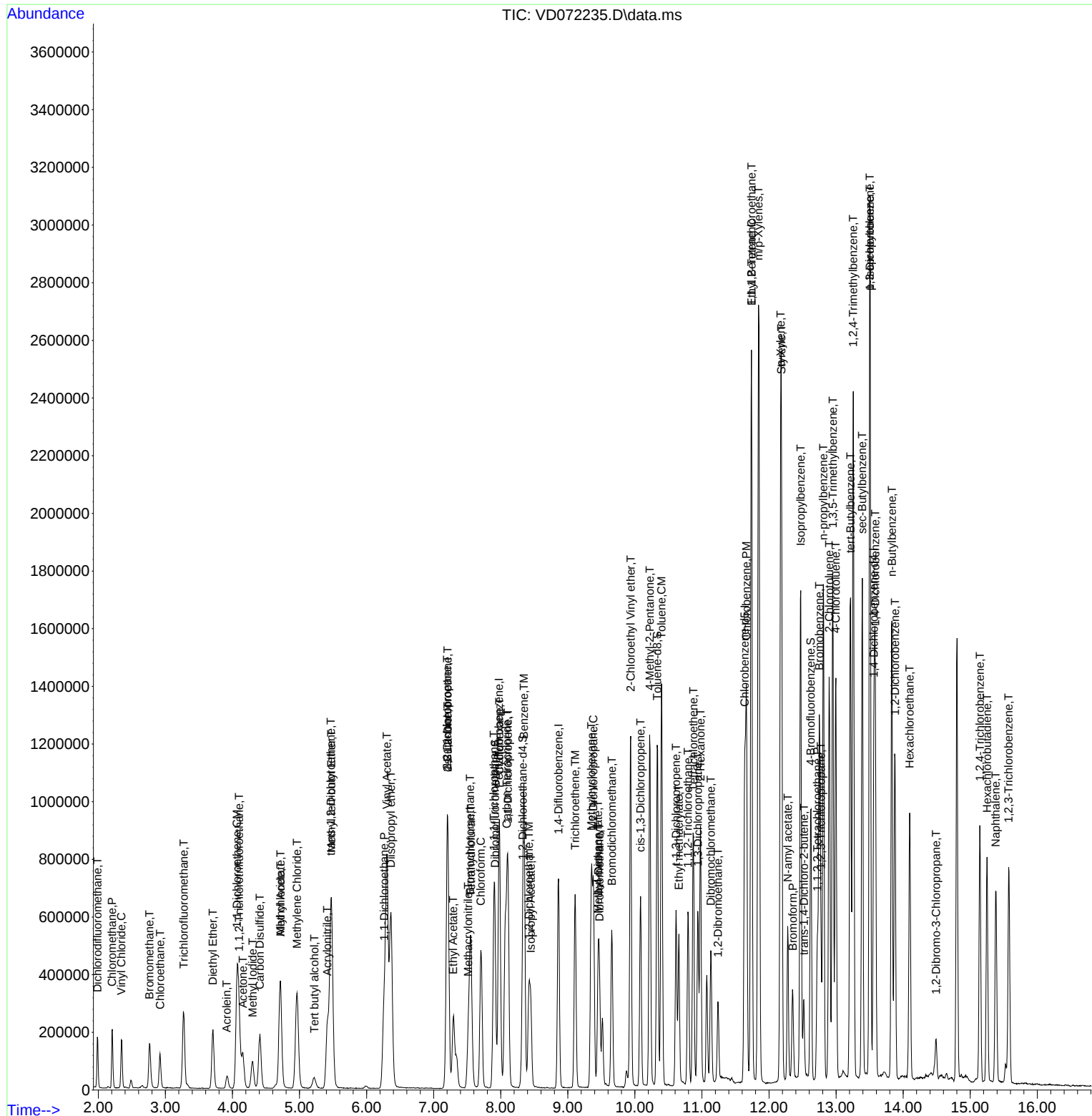
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031622\
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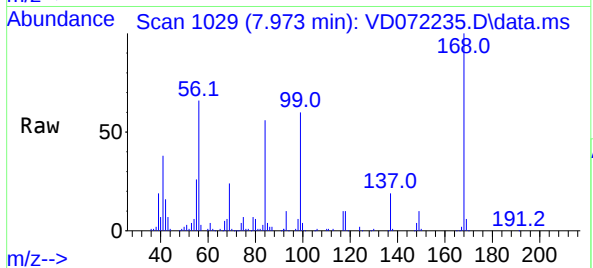
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Quant Title : SW846 8260
QLast Update : Mon Mar 14 05:18:06 2022
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Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13

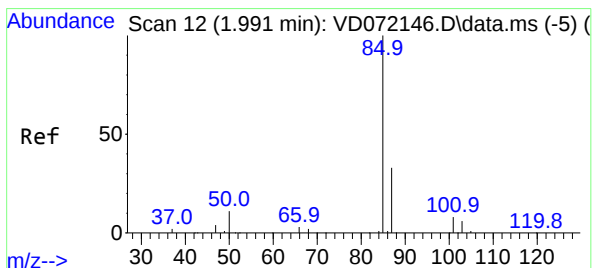
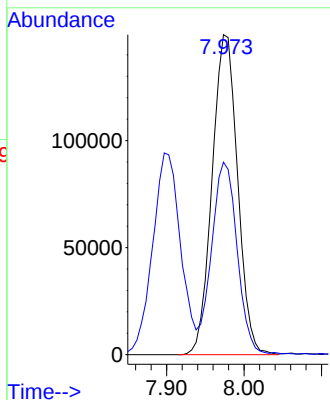
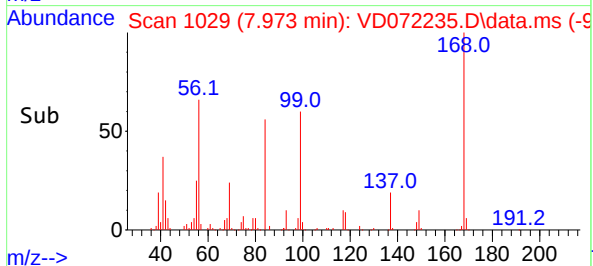
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 34158
Ion Ratio Lower Upper
168 100
99 59.7 49.8 74.6

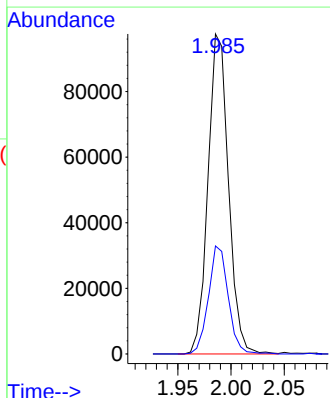
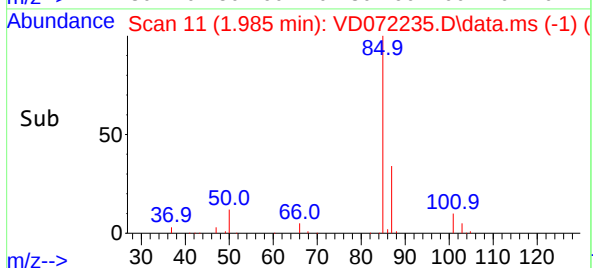
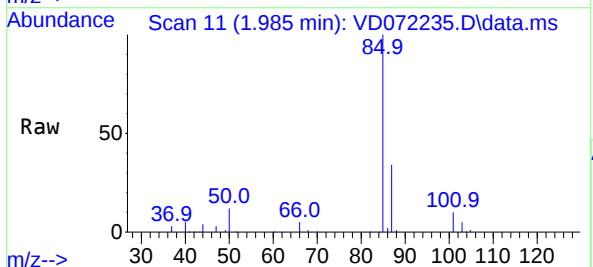
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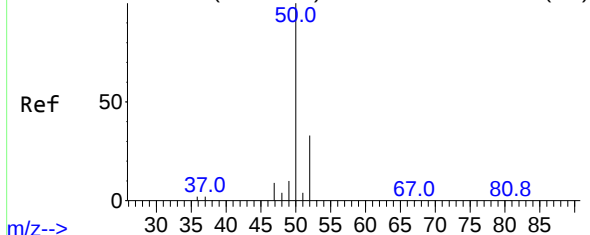


Dichlorodifluoromethane
Concen: 41.250 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13

Tgt Ion: 85 Resp: 130325
Ion Ratio Lower Upper
85 100
87 33.7 15.7 47.0



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



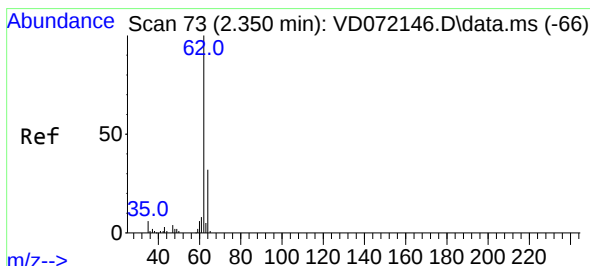
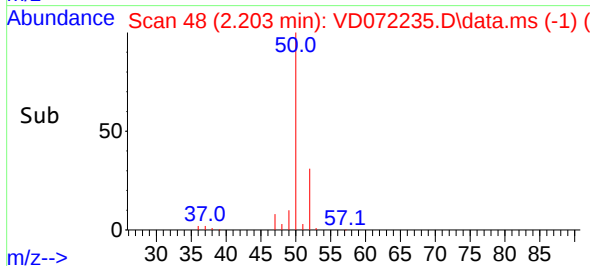
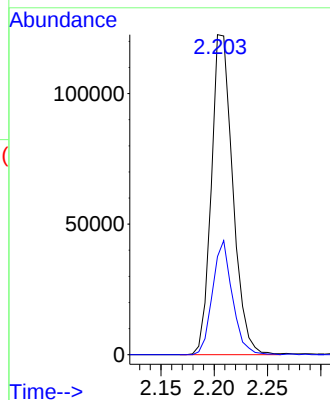
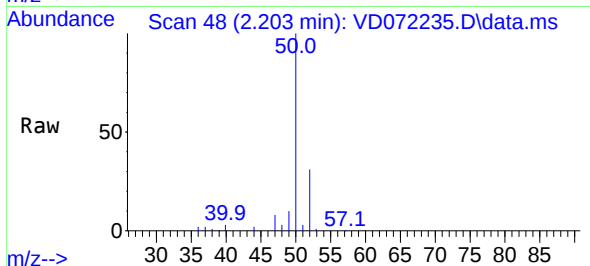
#3
Chloromethane
Concen: 61.193 ug/l
RT: 2.203 min Scan# 49
Delta R.T. -0.006 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13

Instrument :
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Tgt Ion: 50 Resp: 171798
Ion Ratio Lower Upper
50 100
52 30.7 27.4 41.0

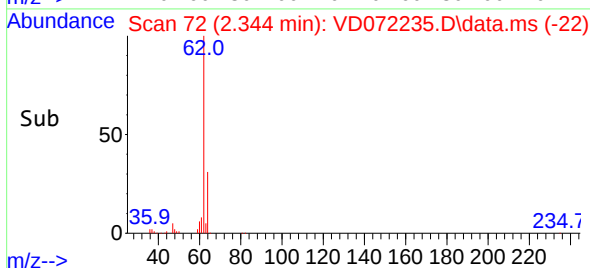
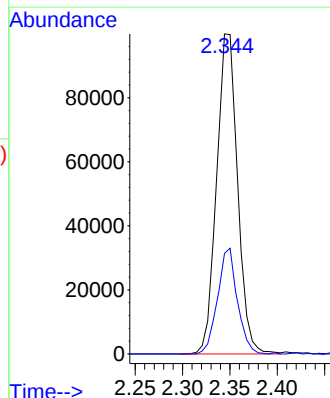
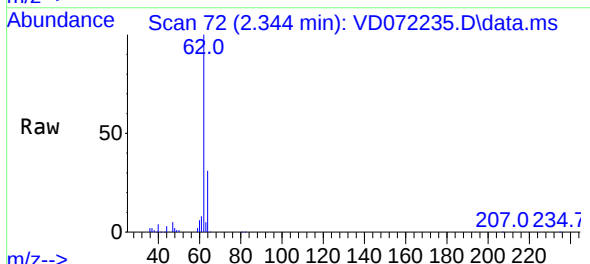
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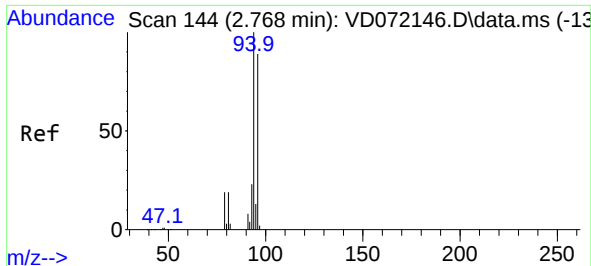
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#4
Vinyl Chloride
Concen: 56.862 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13

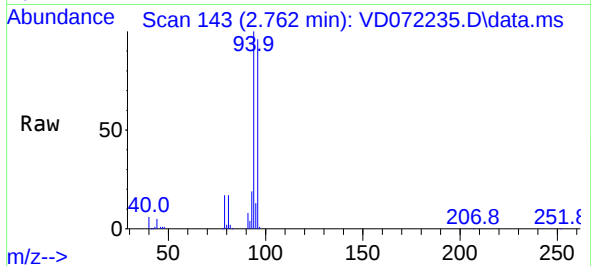
Tgt Ion: 62 Resp: 154095
Ion Ratio Lower Upper
62 100
64 31.5 25.4 38.0





#5
Bromomethane
Concen: 67.175 ug/l
RT: 2.762 min Scan# 144
Delta R.T. -0.006 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13

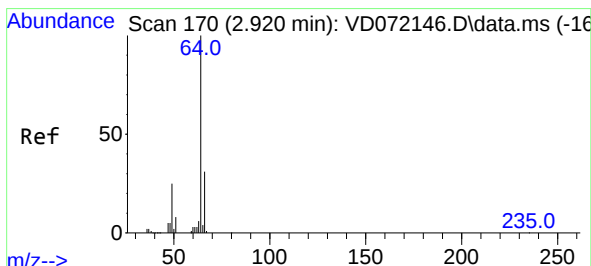
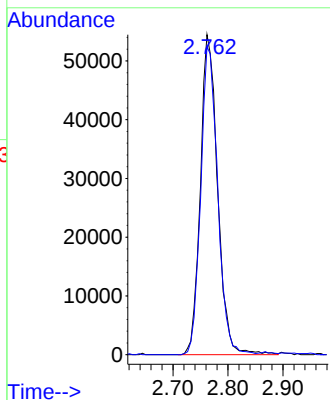
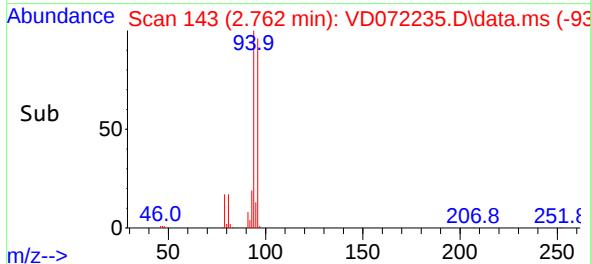
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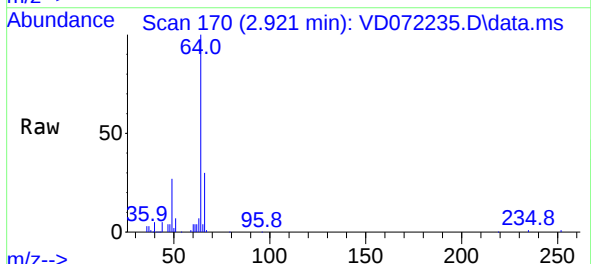
Tgt Ion: 94 Resp: 11854
Ion Ratio Lower Upper
94 100
96 96.3 77.6 116.4

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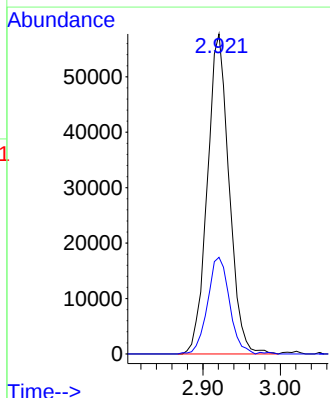
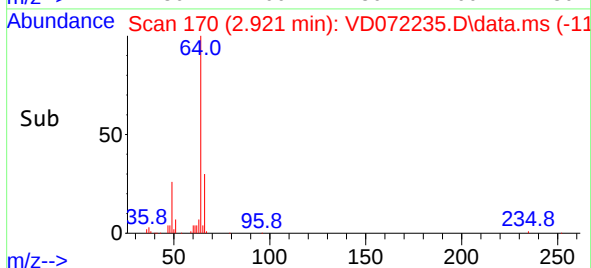
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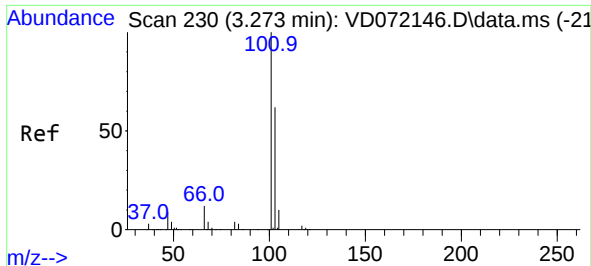


#6
Chloroethane
Concen: 62.850 ug/l
RT: 2.921 min Scan# 170
Delta R.T. 0.000 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13



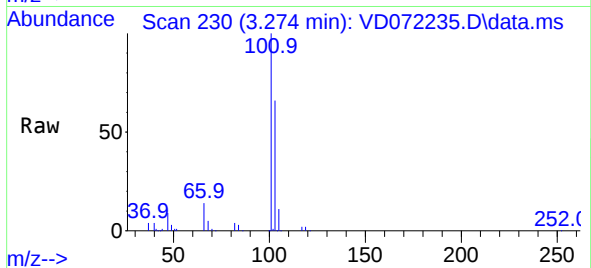
Tgt Ion: 64 Resp: 112611
Ion Ratio Lower Upper
64 100
66 30.2 25.9 38.9





#7
Trichlorofluoromethane
Concen: 45.767 ug/l
RT: 3.274 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13

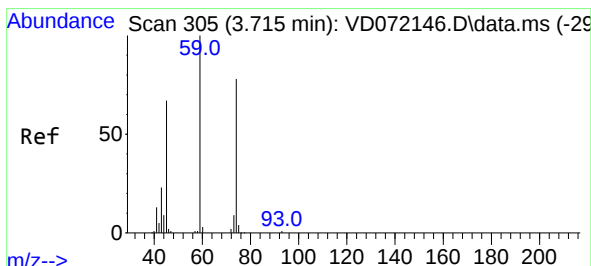
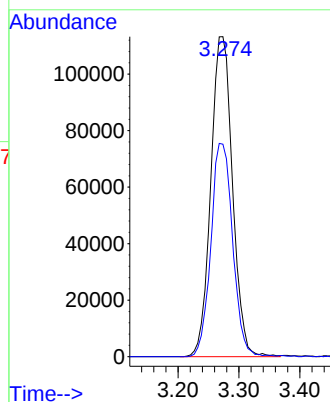
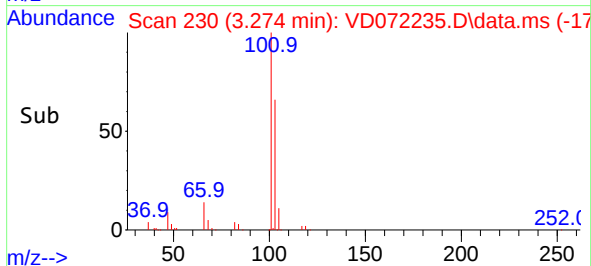
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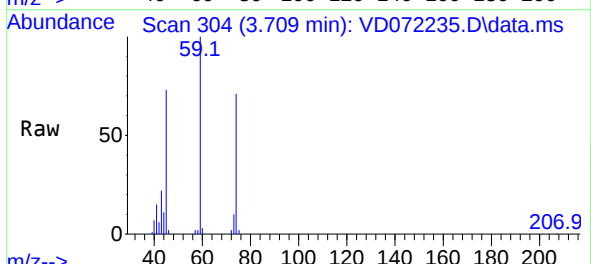
Tgt Ion:101 Resp: 28009
Ion Ratio Lower Upper
101 100
103 66.4 50.1 75.1

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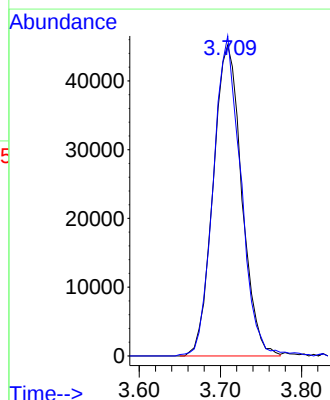
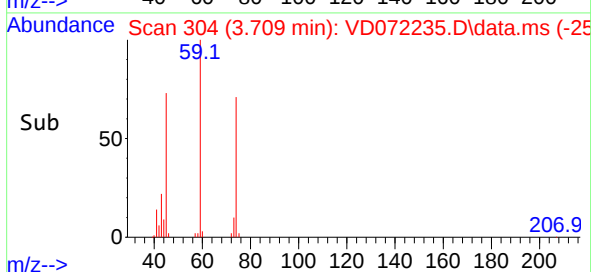
Reviewed By :John Carlone 03/17/2022
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#8
Diethyl Ether
Concen: 65.413 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.006 min
Lab File: VD072235.D
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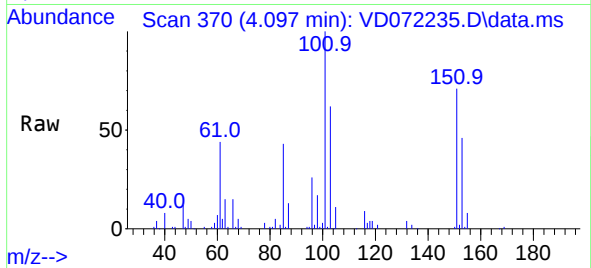
Tgt Ion: 74 Resp: 110565
Ion Ratio Lower Upper
74 100
45 99.3 52.6 157.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.948 ug/l
RT: 4.097 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13

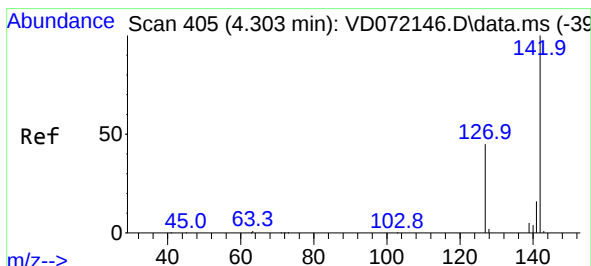
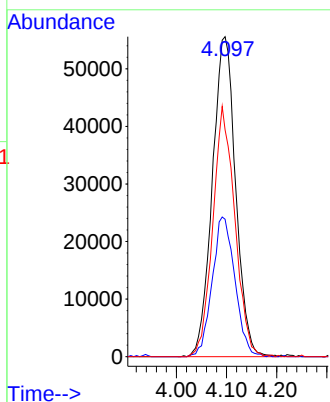
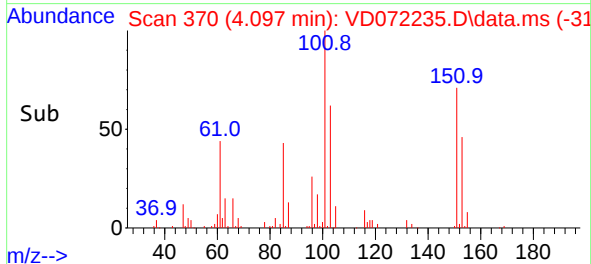
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 179300
Ion Ratio Lower Upper
101 100
85 42.6 36.4 54.6
151 74.2 57.3 85.9

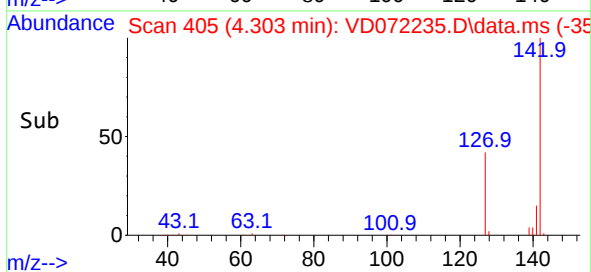
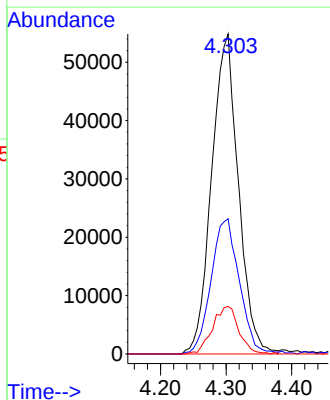
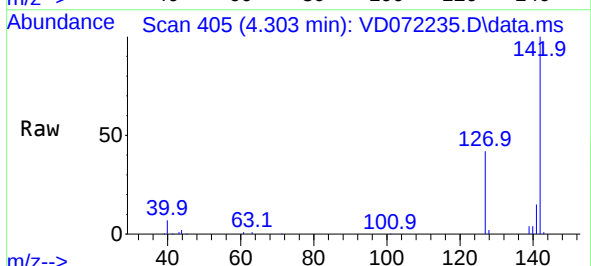
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#10
Methyl Iodide
Concen: 44.640 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13

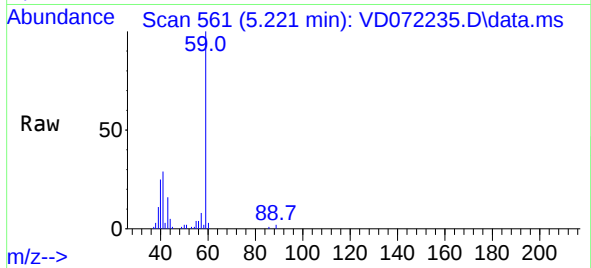
Tgt Ion:142 Resp: 155191
Ion Ratio Lower Upper
142 100
127 44.8 37.3 55.9
141 14.5 11.7 17.5





#11
Tert butyl alcohol
Concen: 298.337 ug/l
RT: 5.221 min Scan# 50
Delta R.T. 0.012 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13

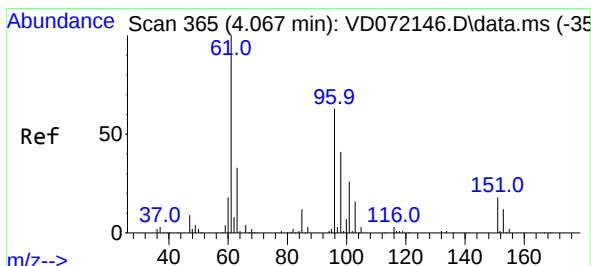
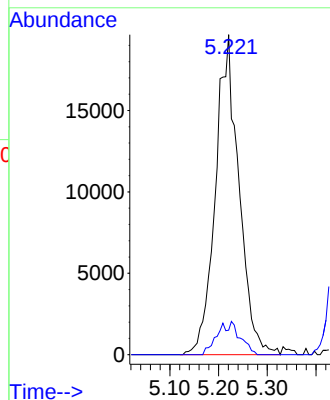
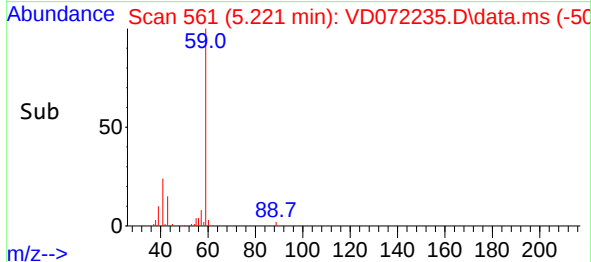
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



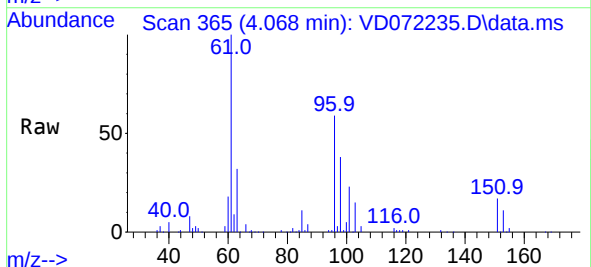
Tgt Ion: 59 Resp: 65849
Ion Ratio Lower Upper
59 100
57 4.5 7.8 11.6

Manual Integrations
APPROVED

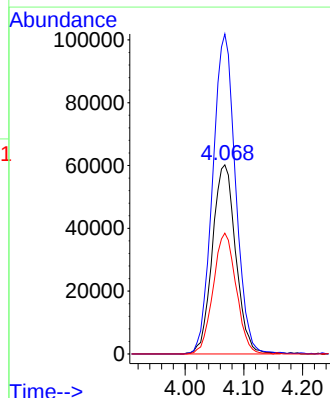
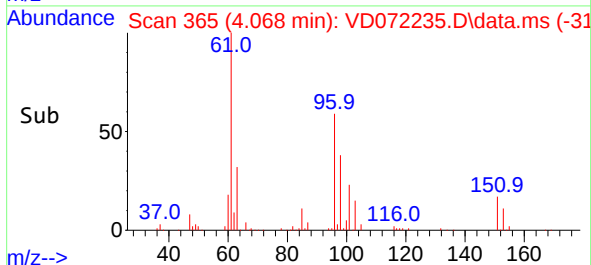
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

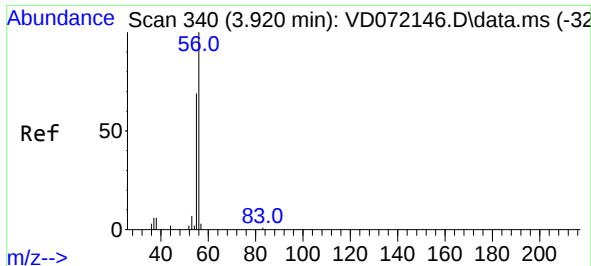


#12
1,1-Dichloroethene
Concen: 53.043 ug/l
RT: 4.068 min Scan# 365
Delta R.T. 0.000 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13



Tgt Ion: 96 Resp: 166523
Ion Ratio Lower Upper
96 100
61 169.2 138.5 207.7
98 63.8 48.6 73.0





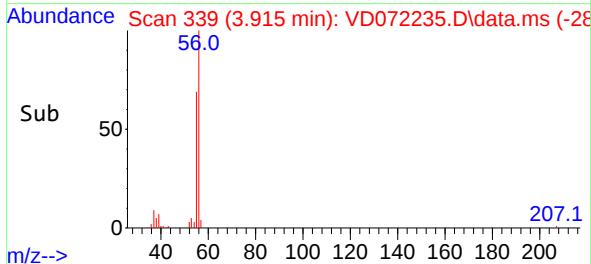
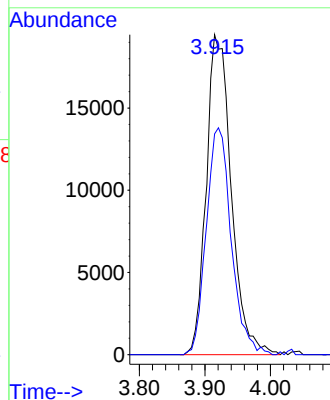
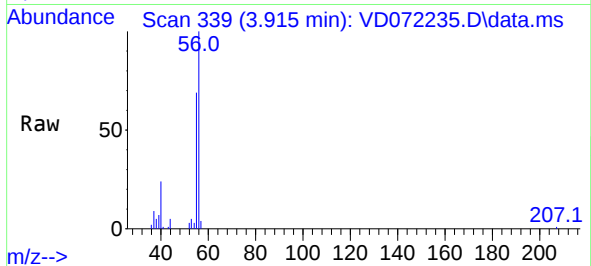
#13
Acrolein
Concen: 261.636 ug/l
RT: 3.915 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 51530
Ion Ratio Lower Upper
56 100
55 70.8 57.1 85.7

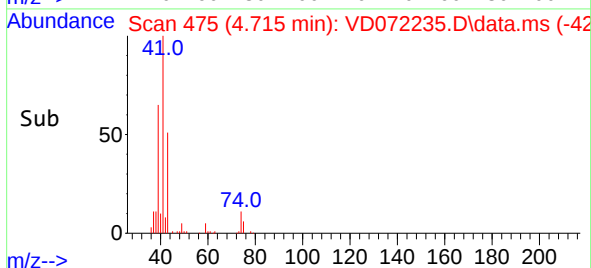
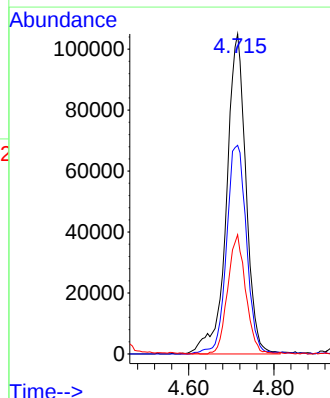
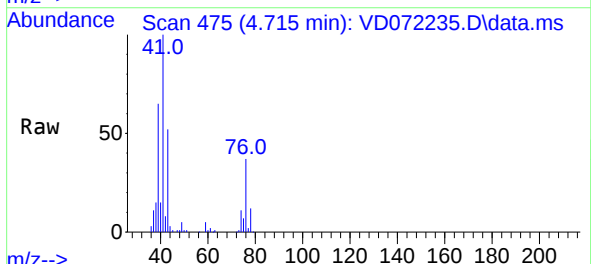
Manual Integrations
APPROVED

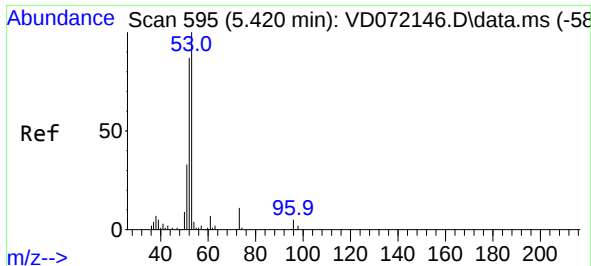
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#14
Allyl chloride
Concen: 60.666 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13

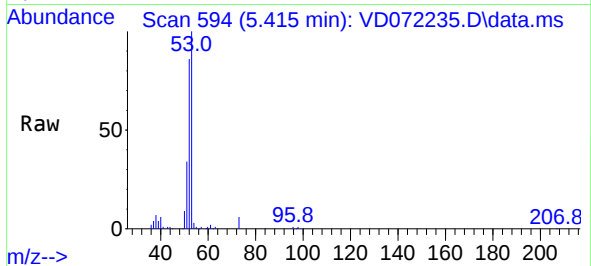
Tgt Ion: 41 Resp: 332993
Ion Ratio Lower Upper
41 100
39 66.6 59.3 88.9
76 34.4 25.7 38.5





#15
Acrylonitrile
Concen: 339.792 ug/l
RT: 5.415 min Scan# 594
Delta R.T. -0.006 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13

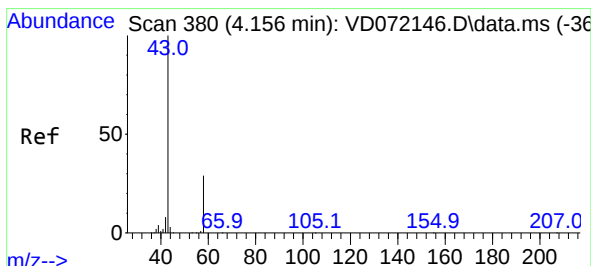
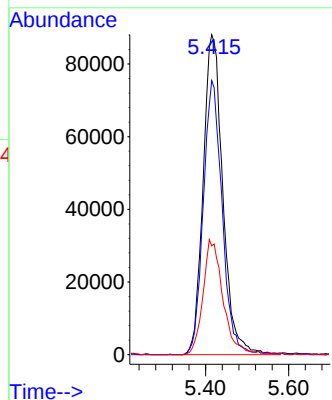
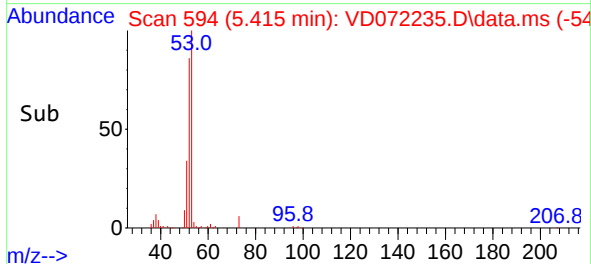
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 289790
Ion Ratio Lower Upper
53 100
52 81.5 67.2 100.8
51 36.2 30.3 45.5

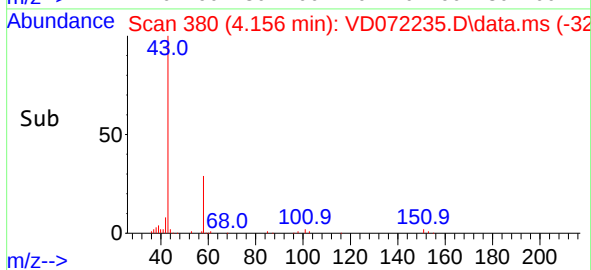
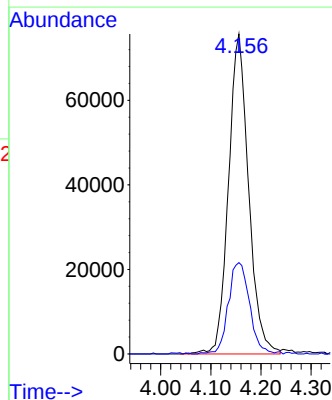
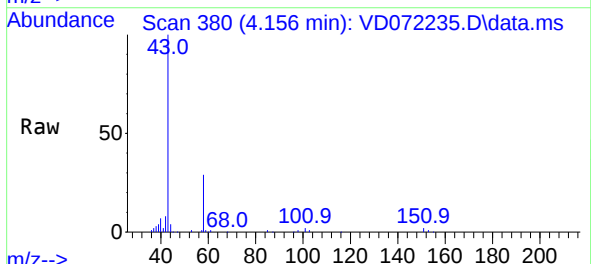
Manual Integrations
APPROVED

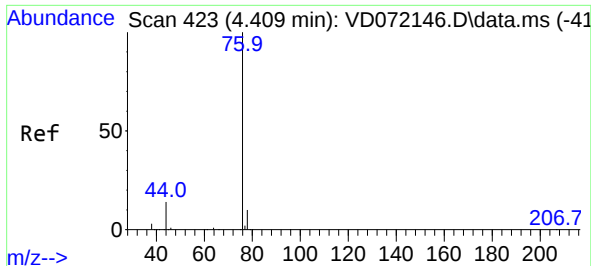
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#16
Acetone
Concen: 254.488 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13

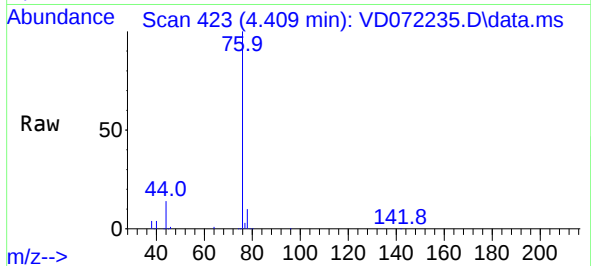
Tgt Ion: 43 Resp: 210340
Ion Ratio Lower Upper
43 100
58 28.2 22.1 33.1





#17
Carbon Disulfide
Concen: 53.268 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13

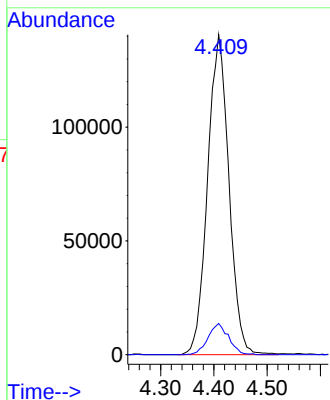
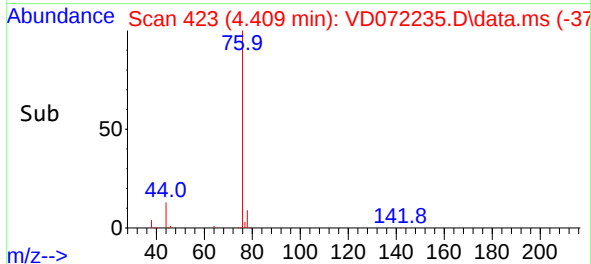
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



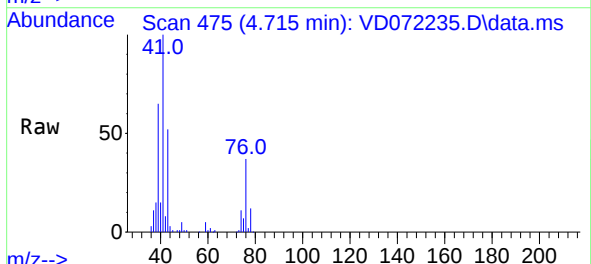
Tgt Ion: 76 Resp: 390769
Ion Ratio Lower Upper
76 100
78 9.8 7.5 11.3

Manual Integrations
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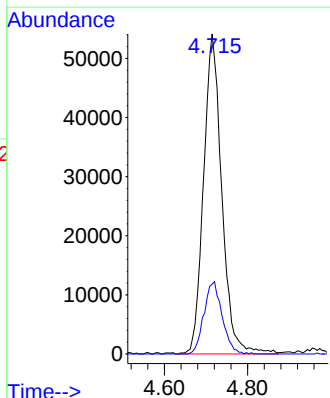
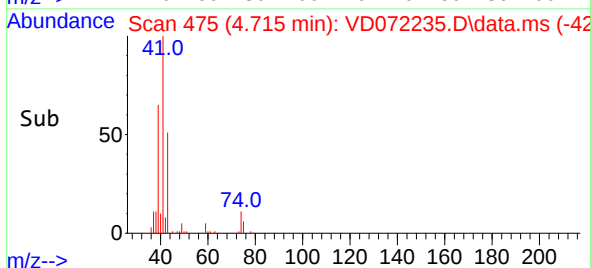
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

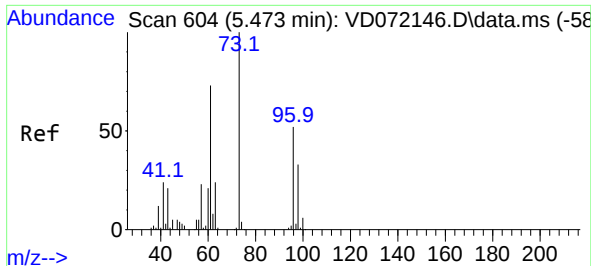


#18
Methyl Acetate
Concen: 81.485 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13



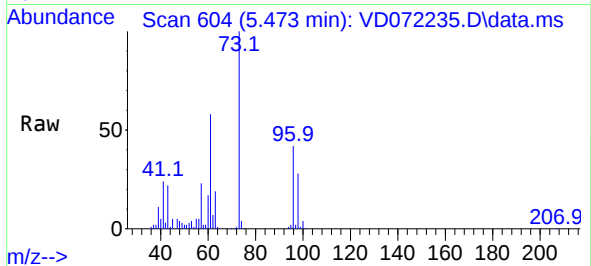
Tgt Ion: 43 Resp: 165046
Ion Ratio Lower Upper
43 100
74 22.4 16.7 25.1





#19
Methyl tert-butyl Ether
Concen: 65.516 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13

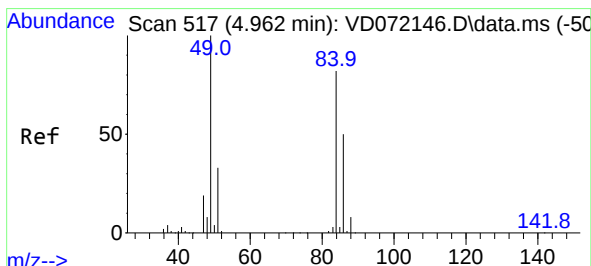
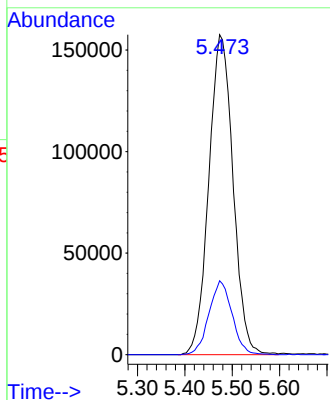
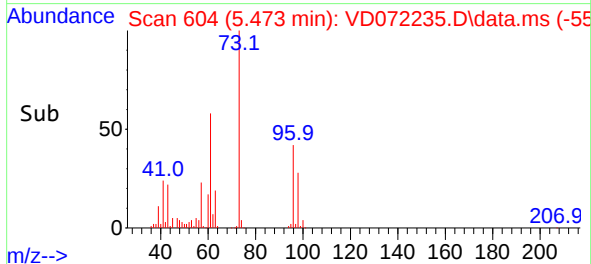
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



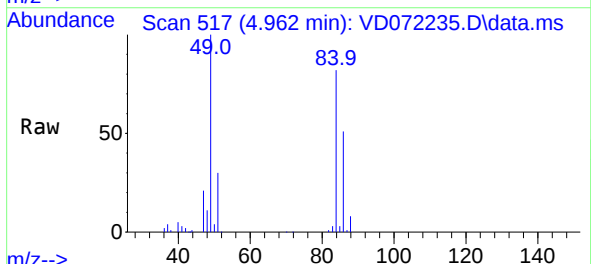
Tgt Ion: 73 Resp: 559040
Ion Ratio Lower Upper
73 100
57 23.1 18.0 27.0

Manual Integrations
APPROVED

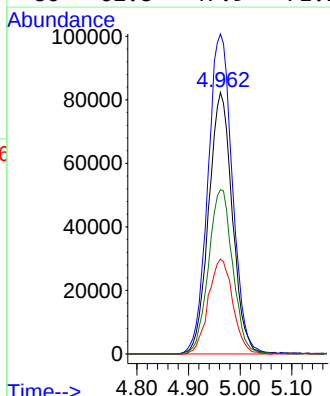
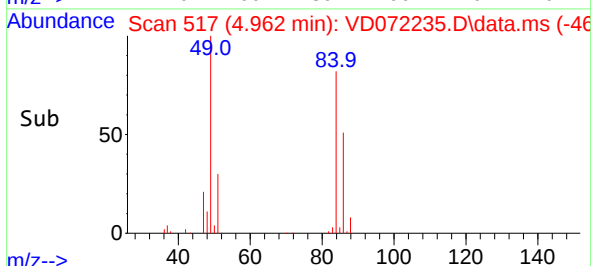
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

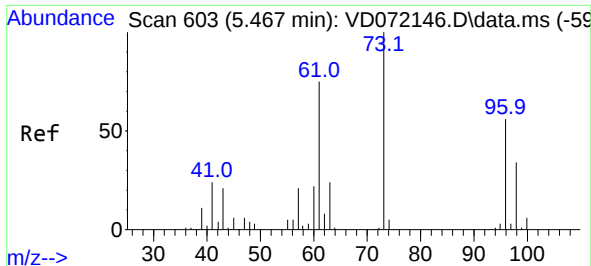


#20
Methylene Chloride
Concen: 65.965 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13



Tgt Ion: 84 Resp: 261466
Ion Ratio Lower Upper
84 100
49 122.3 112.8 169.2
51 36.2 32.6 48.8
86 62.8 47.9 71.9





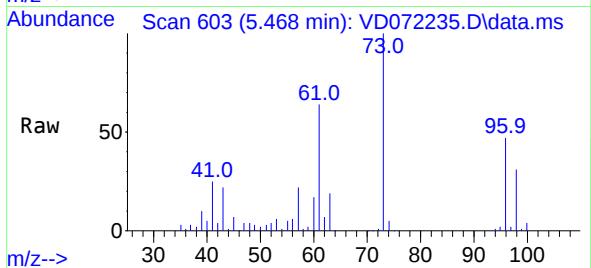
#21
trans-1,2-Dichloroethene
Concen: 59.680 ug/l
RT: 5.468 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

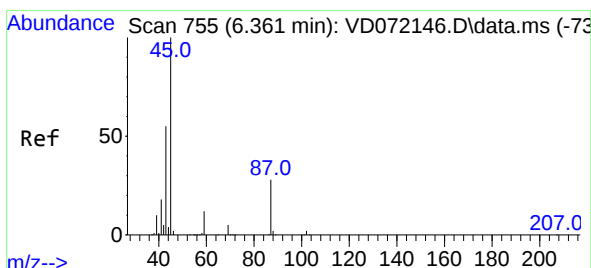
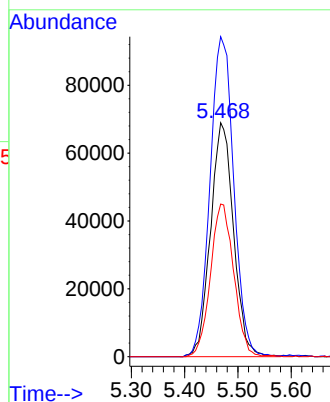
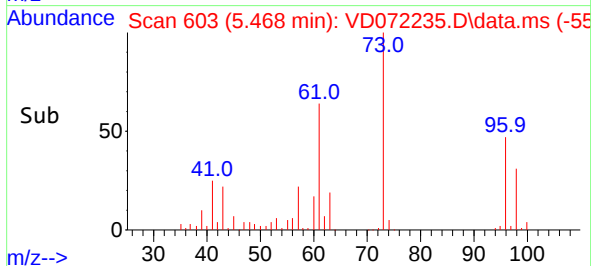


Tgt Ion: 96 Resp: 207229
Ion Ratio Lower Upper
96 100
61 136.8 117.9 176.9
98 65.3 49.4 74.2

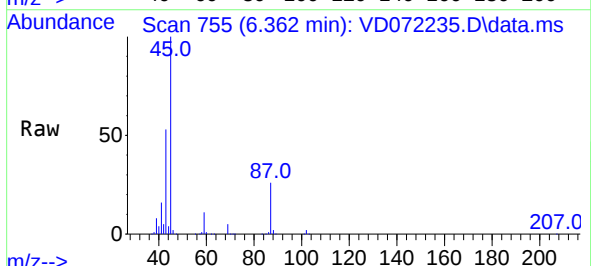
Manual Integrations

APPROVED

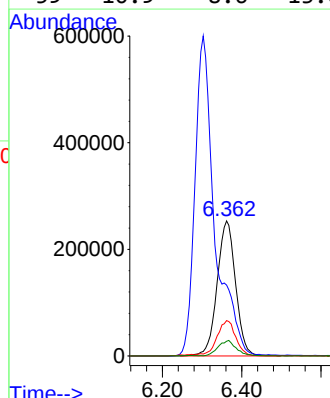
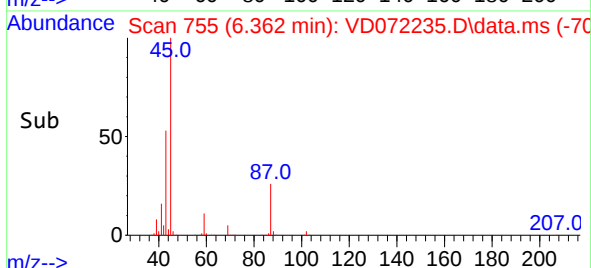
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

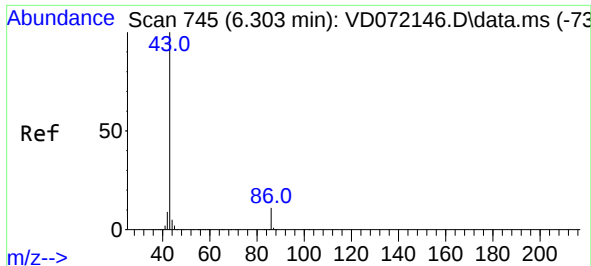


#22
Diisopropyl ether
Concen: 65.480 ug/l
RT: 6.362 min Scan# 755
Delta R.T. 0.000 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13



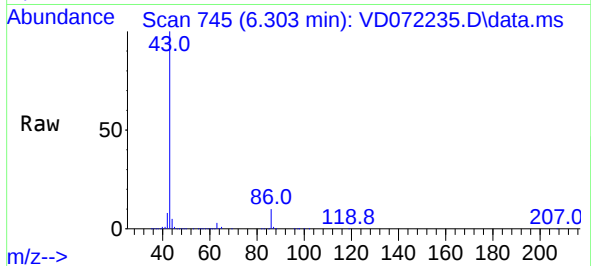
Tgt Ion: 45 Resp: 819795
Ion Ratio Lower Upper
45 100
43 52.0 46.6 70.0
87 26.2 18.4 27.6
59 10.9 8.6 13.0





#23
 Vinyl Acetate
 Concen: 325.477 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. 0.000 min
 Lab File: VD072235.D
 Acq: 16 Mar 2022 23:13

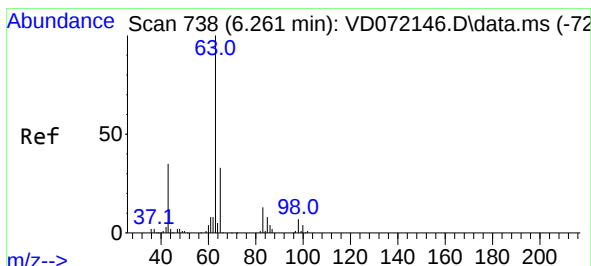
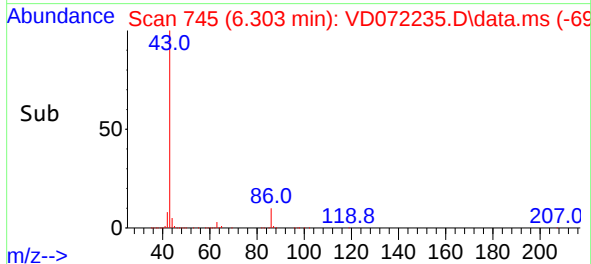
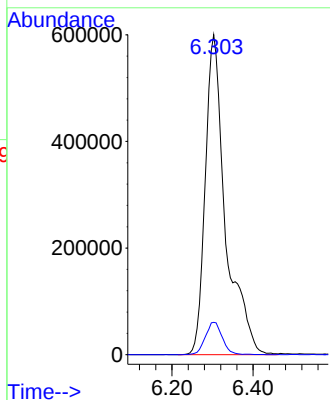
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 2079630
 Ion Ratio Lower Upper
 43 100
 86 10.1 7.1 10.7

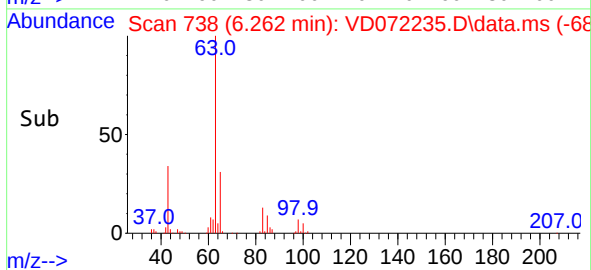
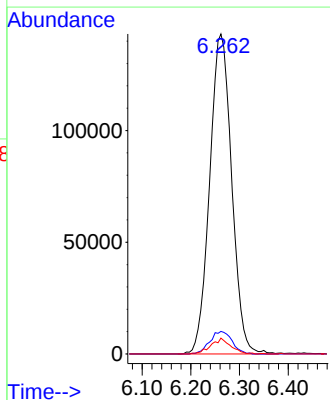
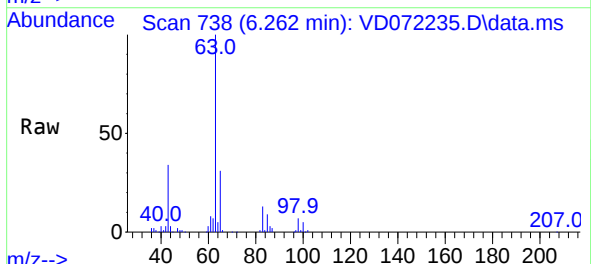
Manual Integrations
 APPROVED

Reviewed By :John Carlone 03/17/2022
 Supervised By :Mahesh Dadoda 03/17/2022



#24
 1,1-Dichloroethane
 Concen: 60.926 ug/l
 RT: 6.262 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD072235.D
 Acq: 16 Mar 2022 23:13

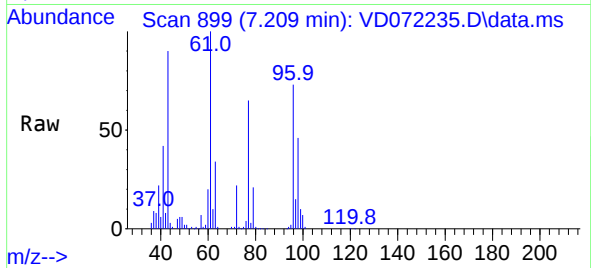
Tgt Ion: 63 Resp: 449853
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.6 10.9
 100 5.0 2.1 6.5





#25
2-Butanone
Concen: 315.424 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13

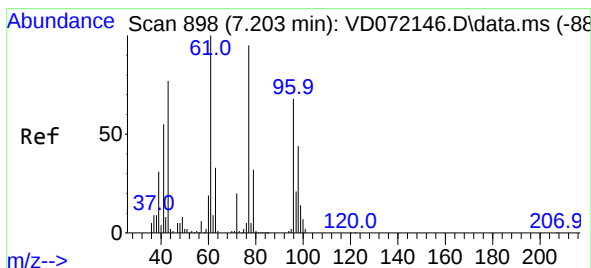
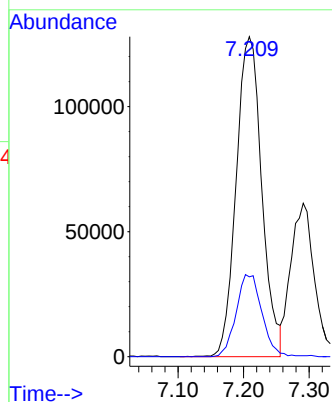
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



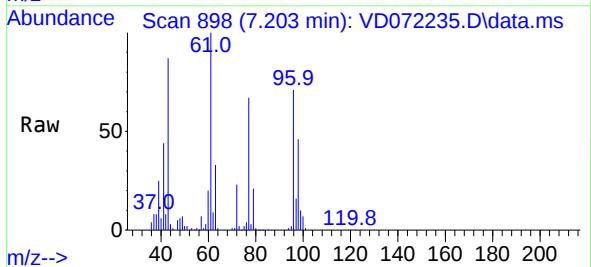
Tgt Ion: 43 Resp: 347602
Ion Ratio Lower Upper
43 100
72 25.0 18.6 27.8

Manual Integrations
APPROVED

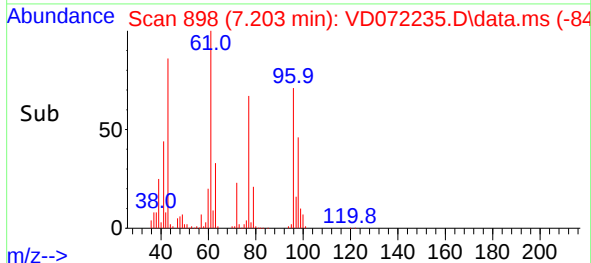
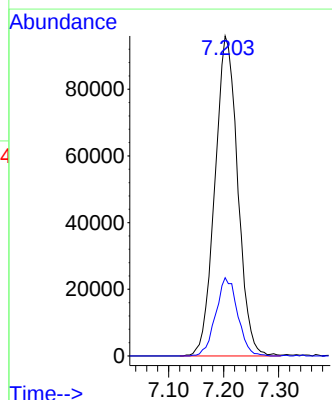
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

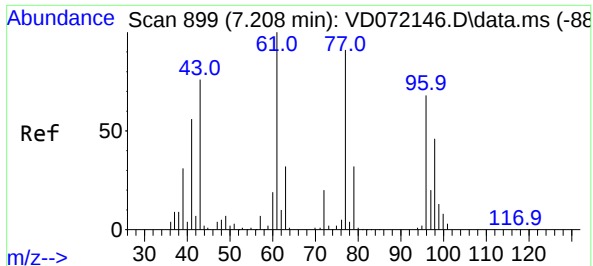


#26
2,2-Dichloropropane
Concen: 41.574 ug/l
RT: 7.203 min Scan# 898
Delta R.T. 0.000 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13



Tgt Ion: 77 Resp: 276972
Ion Ratio Lower Upper
77 100
97 23.5 10.8 32.4





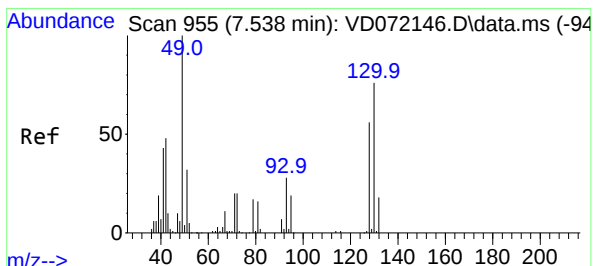
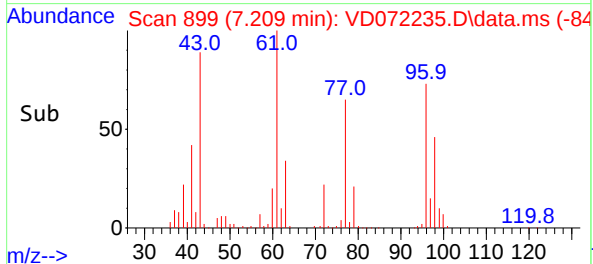
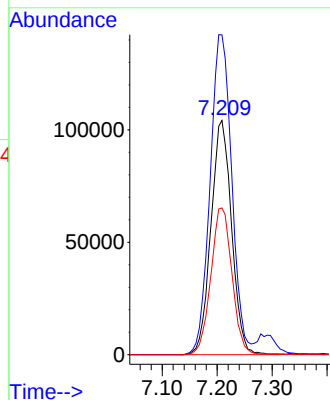
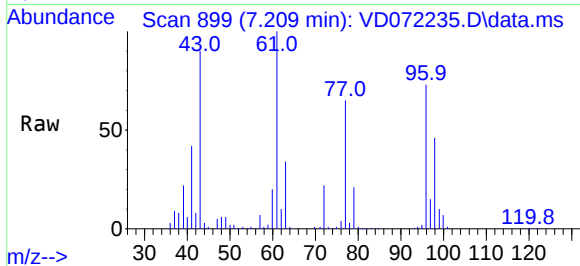
#27
cis-1,2-Dichloroethene
Concen: 61.467 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 272492
Ion Ratio Lower Upper
96 100
61 142.8 0.0 313.8
98 64.0 0.0 128.8

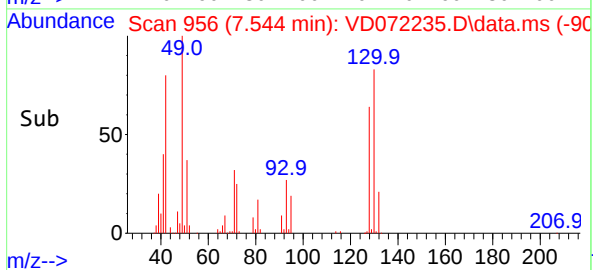
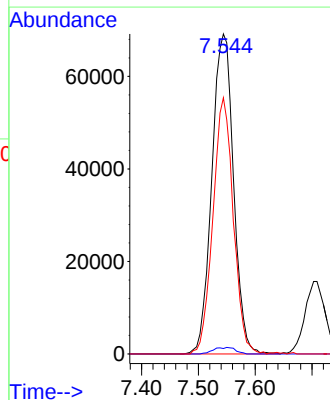
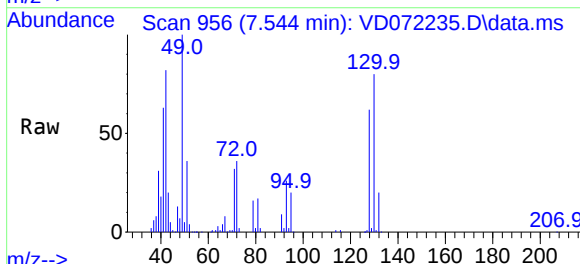
Manual Integrations
APPROVED

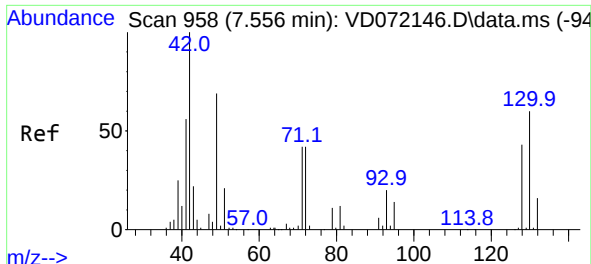
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#28
Bromochloromethane
Concen: 61.740 ug/l
RT: 7.544 min Scan# 956
Delta R.T. 0.006 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13

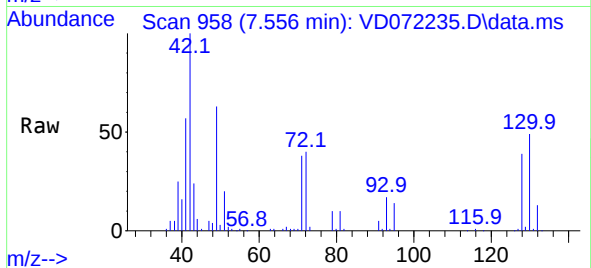
Tgt Ion: 49 Resp: 183521
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.0
130 75.2 52.6 79.0





#29
Tetrahydrofuran
Concen: 353.092 ug/l
RT: 7.556 min Scan# 958
Delta R.T. 0.000 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13

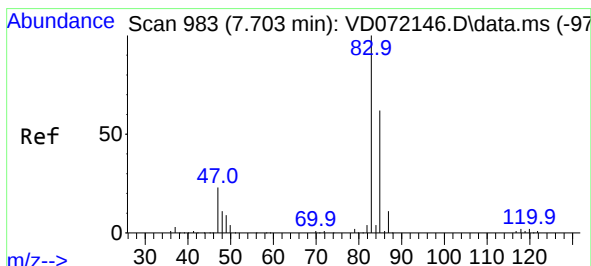
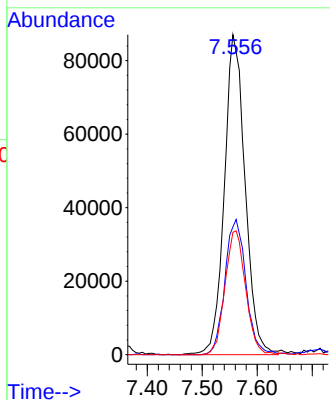
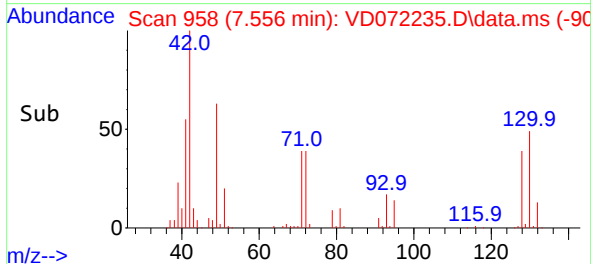
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



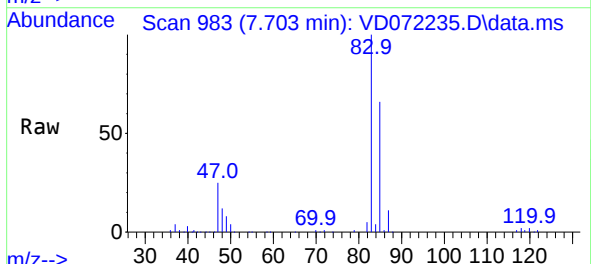
Tgt Ion: 42 Resp: 22880
Ion Ratio Lower Upper
42 100
72 42.9 30.7 46.1
71 38.3 28.6 43.0

Manual Integrations
APPROVED

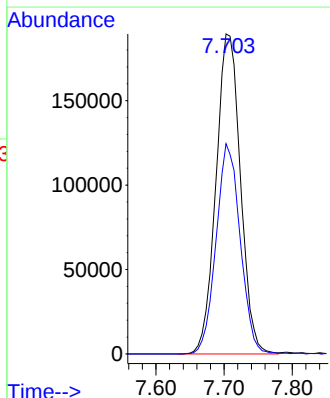
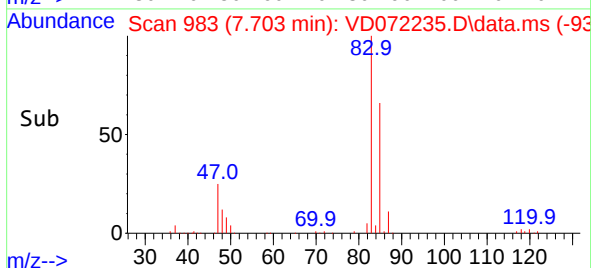
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

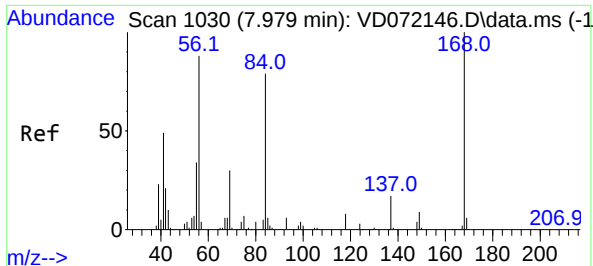


#30
Chloroform
Concen: 60.207 ug/l
RT: 7.703 min Scan# 983
Delta R.T. 0.000 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13



Tgt Ion: 83 Resp: 473591
Ion Ratio Lower Upper
83 100
85 65.7 52.7 79.1





#31

Cyclohexane

Concen: 48.956 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD072235.D

Acq: 16 Mar 2022 23:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 29116

Ion Ratio Lower Upper

56 100

69 33.7 25.4 38.2

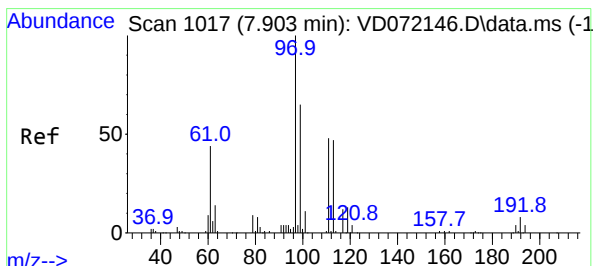
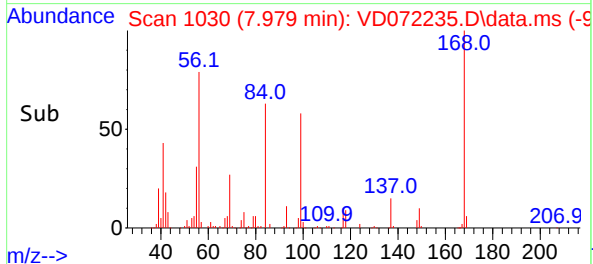
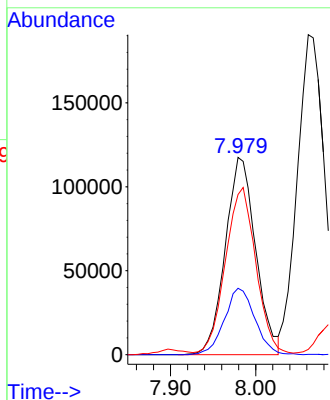
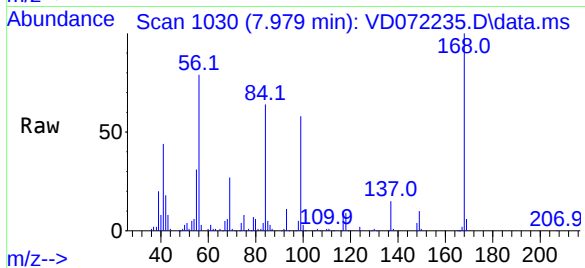
84 79.3 63.0 94.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2022

Supervised By :Mahesh Dadoda 03/17/2022



#32

1,1,1-Trichloroethane

Concen: 53.108 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. -0.006 min

Lab File: VD072235.D

Acq: 16 Mar 2022 23:13

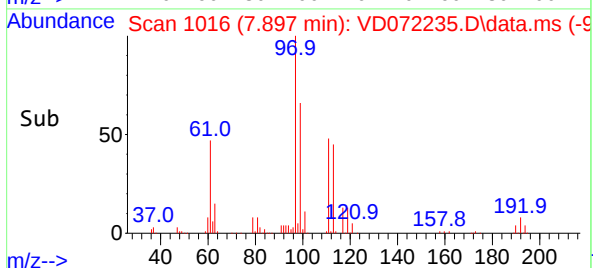
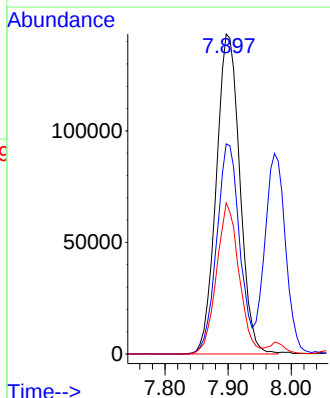
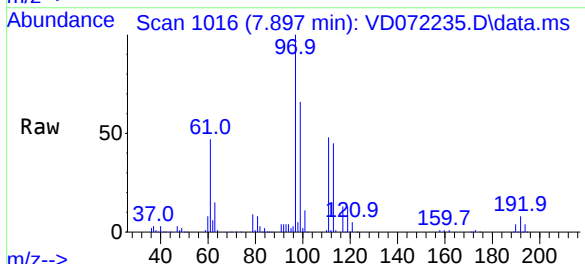
Tgt Ion: 97 Resp: 371026

Ion Ratio Lower Upper

97 100

99 63.9 52.4 78.6

61 45.3 38.0 57.0





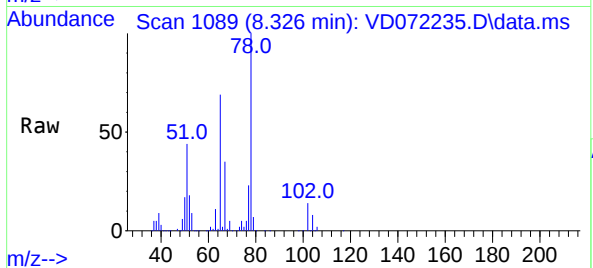
#33
1,2-Dichloroethane-d4
Concen: 61.700 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

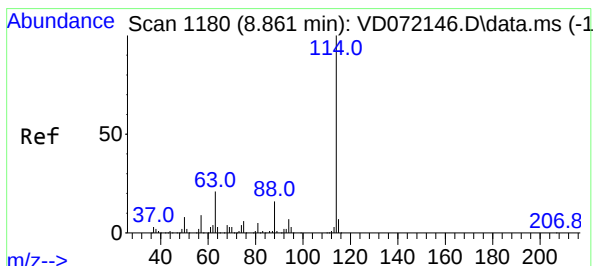
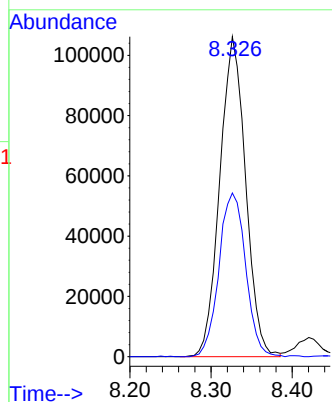
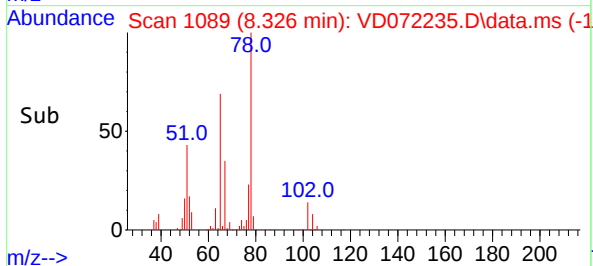


Tgt Ion: 65 Resp: 234878
Ion Ratio Lower Upper
65 100
67 52.8 0.0 101.4

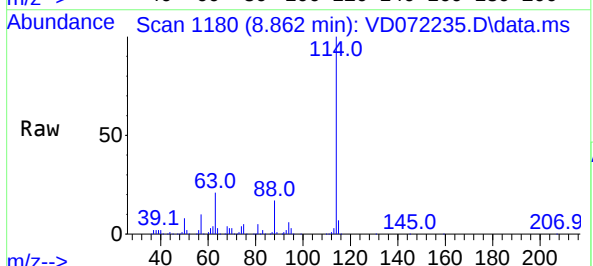
Manual Integrations

APPROVED

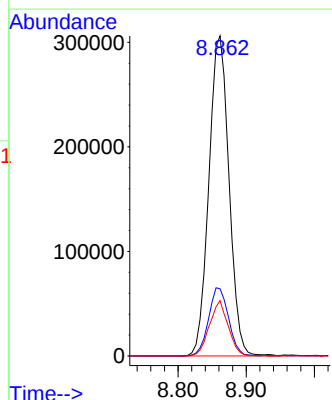
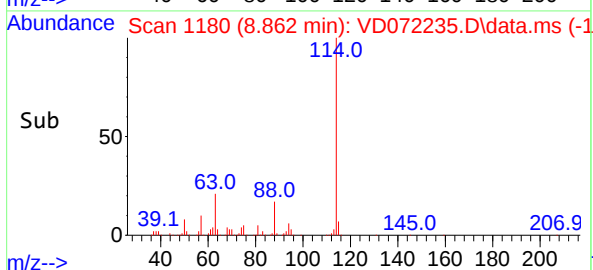
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.862 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13



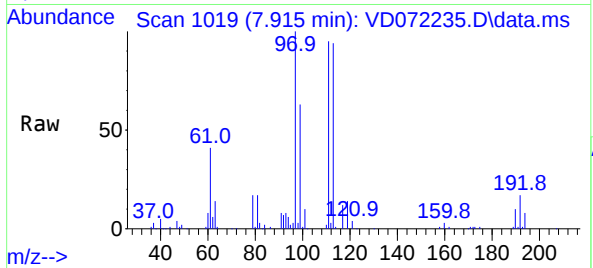
Tgt Ion:114 Resp: 629982
Ion Ratio Lower Upper
114 100
63 21.0 0.0 46.6
88 17.3 0.0 33.2





#35
Dibromofluoromethane
Concen: 52.452 ug/l
RT: 7.915 min Scan# 1018
Delta R.T. 0.006 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13

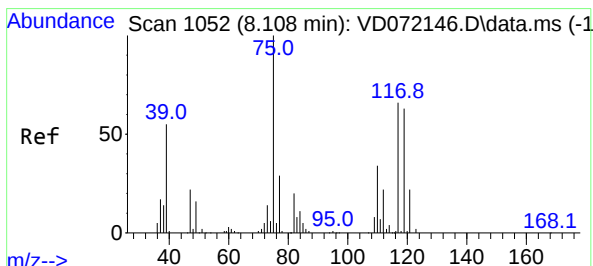
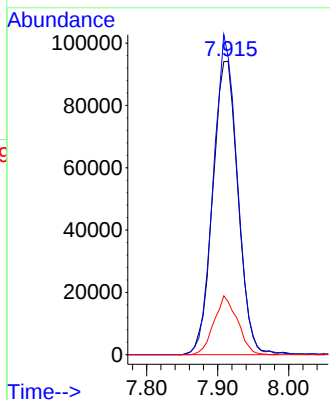
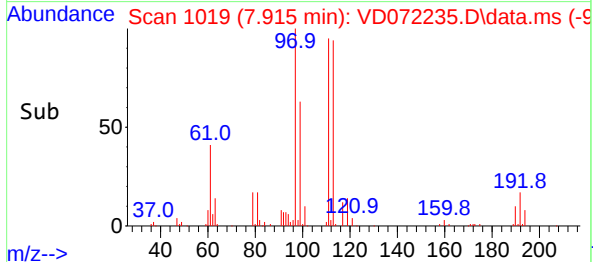
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



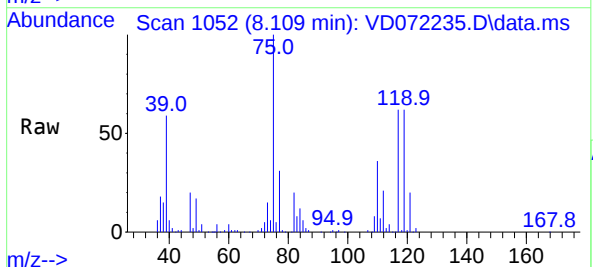
Tgt Ion:113 Resp: 232530
Ion Ratio Lower Upper
113 100
111 103.5 83.8 125.6
192 18.6 14.6 21.8

Manual Integrations
APPROVED

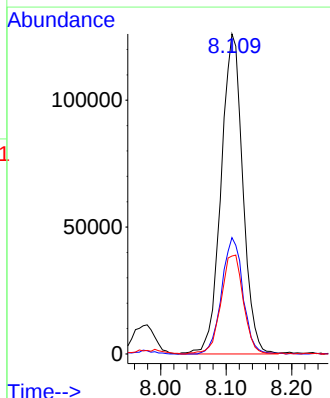
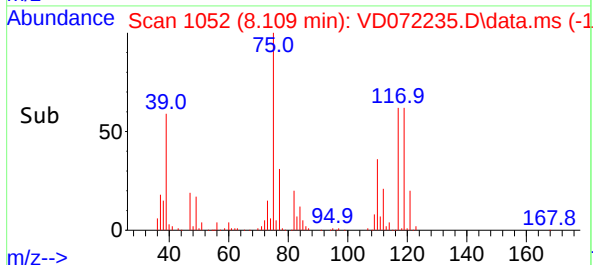
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

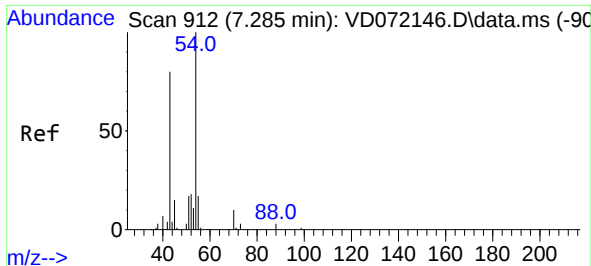


#36
1,1-Dichloropropene
Concen: 46.631 ug/l
RT: 8.109 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13



Tgt Ion: 75 Resp: 290007
Ion Ratio Lower Upper
75 100
110 35.6 16.4 49.1
77 31.8 24.2 36.2





#37

Ethyl Acetate

Concen: 56.501 ug/l

RT: 7.291 min Scan# 912

Delta R.T. 0.006 min

Lab File: VD072235.D

Acq: 16 Mar 2022 23:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 15392

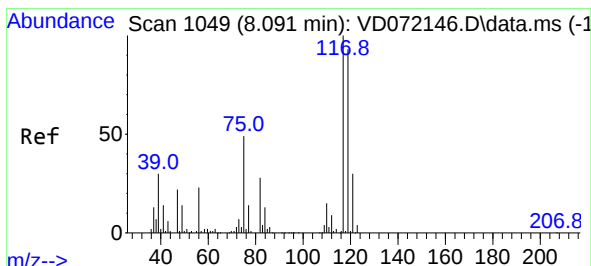
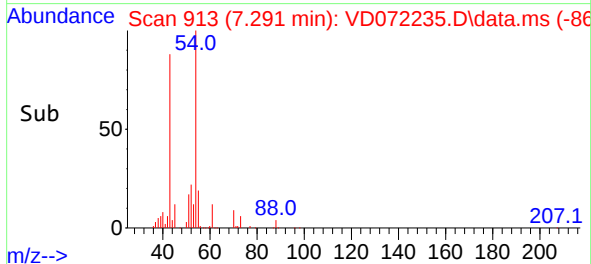
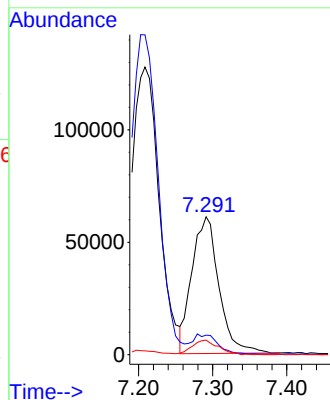
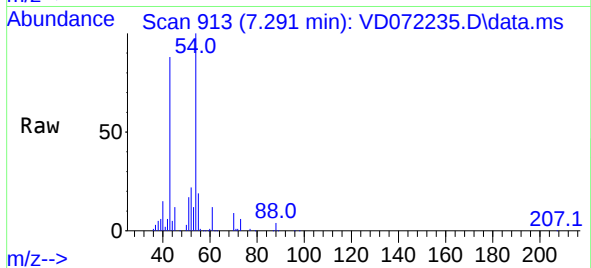
Ion	Ratio	Lower	Upper
43	100		
61	14.0	9.8	14.8
70	10.4	6.9	10.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/17/2022

Supervised By :Mahesh Dadoda 03/17/2022



#38

Carbon Tetrachloride

Concen: 42.757 ug/l

RT: 8.091 min Scan# 1049

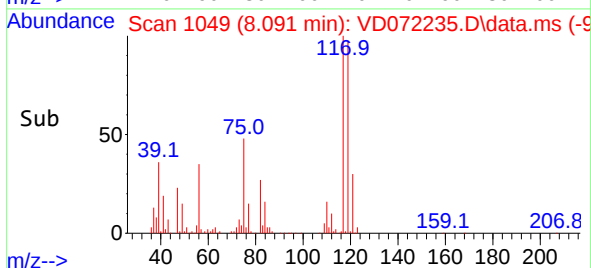
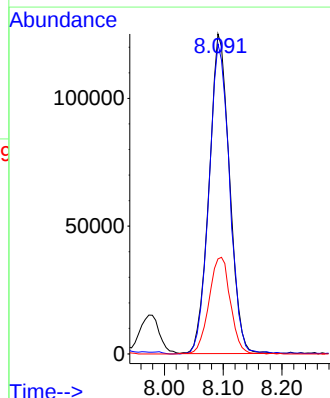
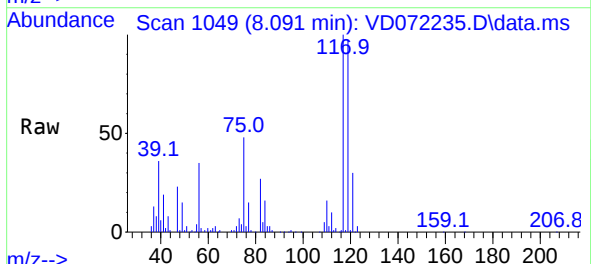
Delta R.T. 0.000 min

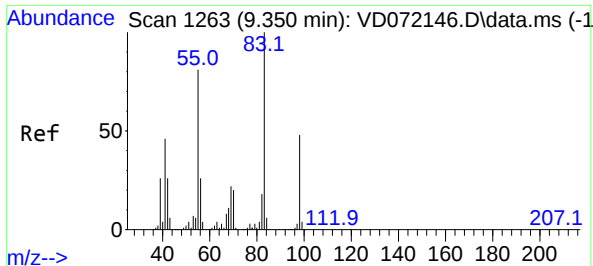
Lab File: VD072235.D

Acq: 16 Mar 2022 23:13

Tgt Ion:117 Resp: 302271

Ion	Ratio	Lower	Upper
117	100		
119	97.1	75.8	113.6
121	29.6	24.5	36.7





#39

Methylcyclohexane

Concen: 42.735 ug/l

RT: 9.350 min Scan# 1263

Delta R.T. 0.000 min

Lab File: VD072235.D

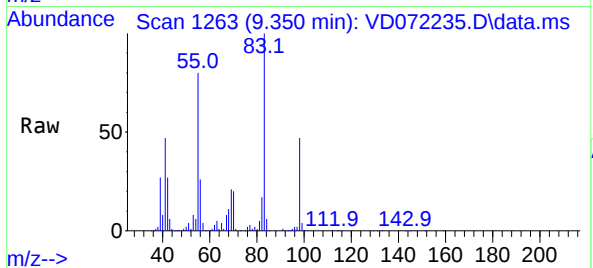
Acq: 16 Mar 2022 23:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



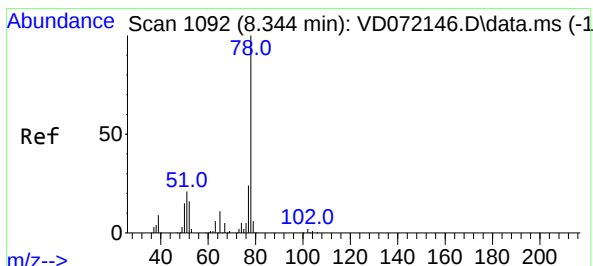
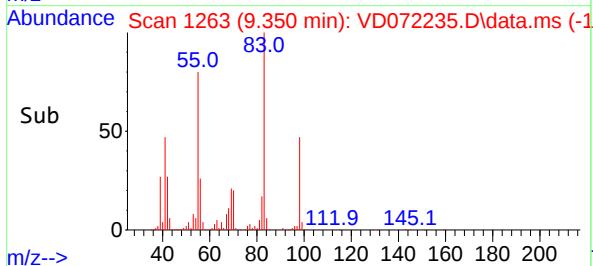
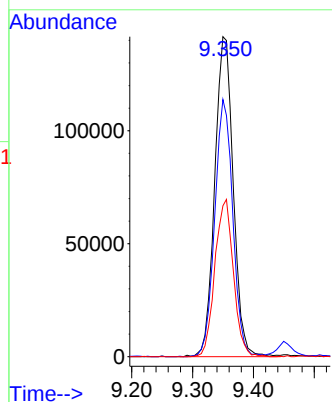
Tgt Ion:	83	Resp:	299079
Ion Ratio	Lower	Upper	
83	100		
55	80.2	63.2	94.8
98	47.2	38.2	57.4

Manual Integrations

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Reviewed By :John Carlone 03/17/2022

Supervised By :Mahesh Dadoda 03/17/2022



#40

Benzene

Concen: 52.419 ug/l

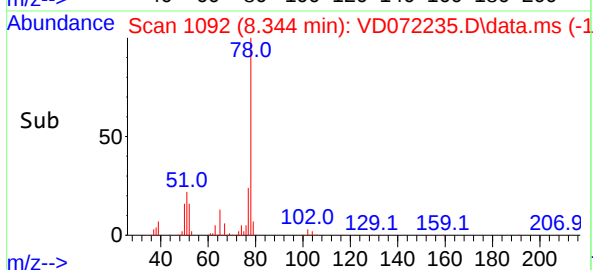
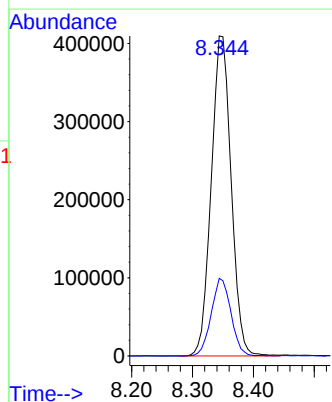
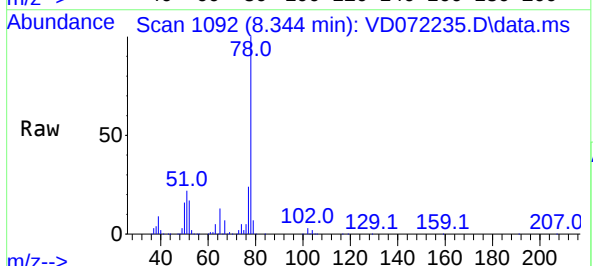
RT: 8.344 min Scan# 1092

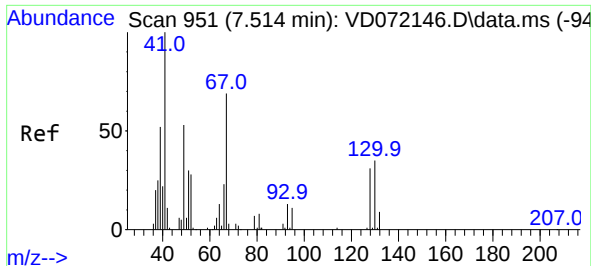
Delta R.T. 0.000 min

Lab File: VD072235.D

Acq: 16 Mar 2022 23:13

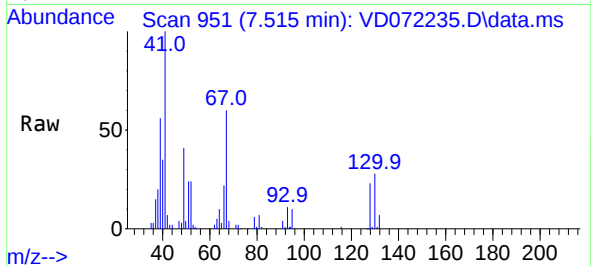
Tgt Ion:	78	Resp:	930054
Ion Ratio	Lower	Upper	
78	100		
77	24.3	19.1	28.7





#41
Methacrylonitrile
Concen: 61.056 ug/l
RT: 7.515 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13

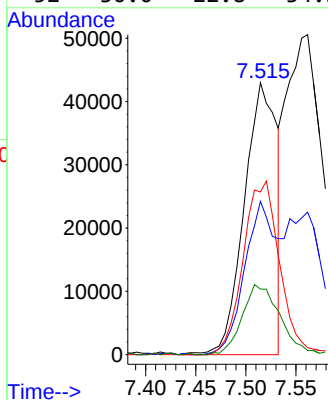
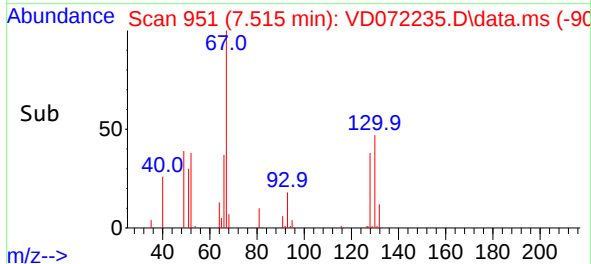
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



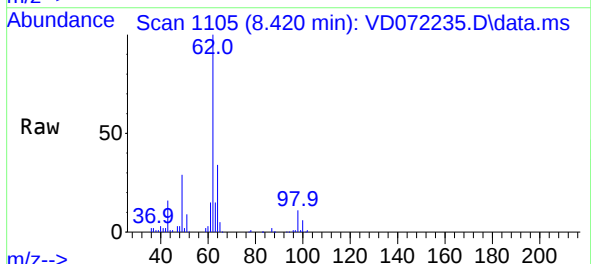
Tgt Ion: 41 Resp: 96949
Ion Ratio Lower Upper
41 100
39 60.3 44.6 67.0
67 71.9 48.2 72.4
52 30.0 22.8 34.2

Manual Integrations
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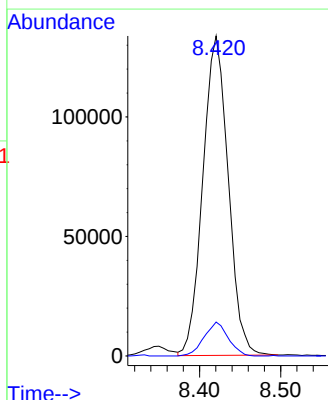
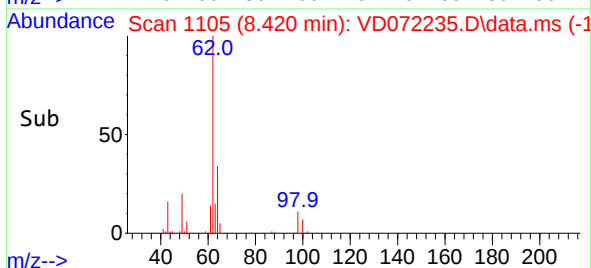
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#42
1,2-Dichloroethane
Concen: 53.987 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13



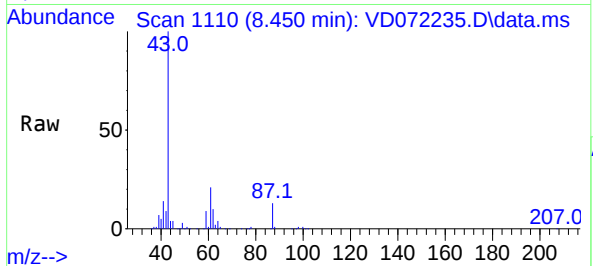
Tgt Ion: 62 Resp: 290577
Ion Ratio Lower Upper
62 100
98 10.0 0.0 17.6





#43
Isopropyl Acetate
Concen: 59.000 ug/l
RT: 8.450 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13

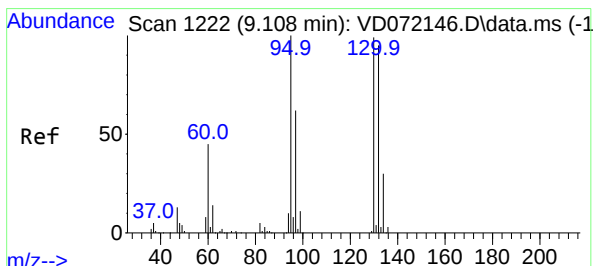
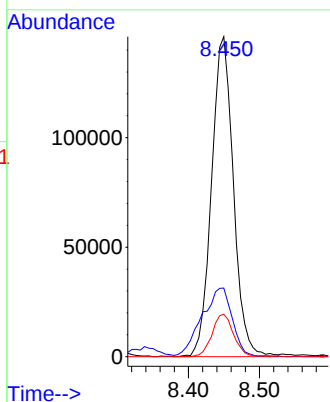
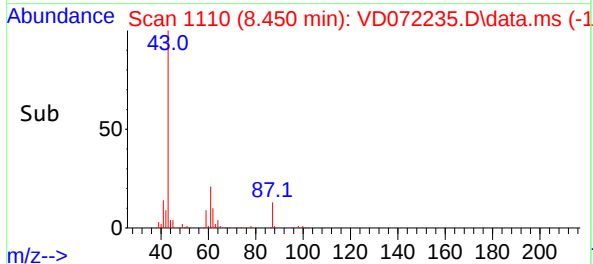
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 311974
Ion Ratio Lower Upper
43 100
61 30.0 22.4 33.6
87 13.1 8.7 13.1

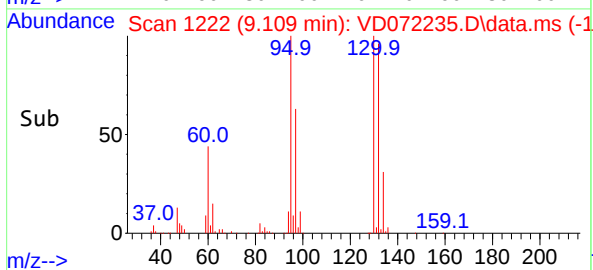
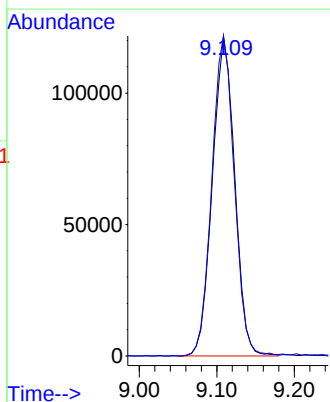
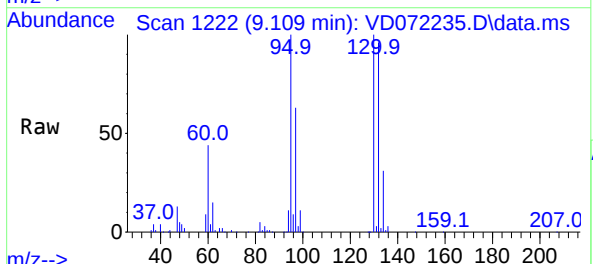
Manual Integrations
APPROVED

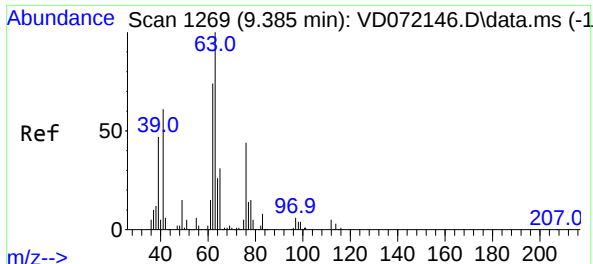
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#44
Trichloroethene
Concen: 48.783 ug/l
RT: 9.109 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13

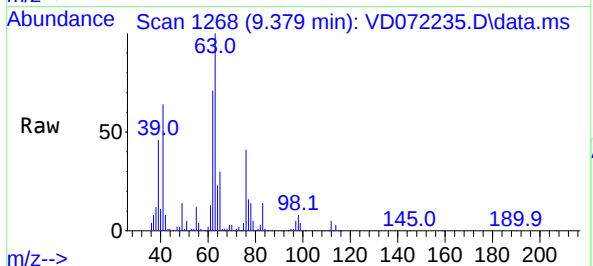
Tgt Ion:130 Resp: 242989
Ion Ratio Lower Upper
130 100
95 100.0 0.0 205.4





#45
1,2-Dichloropropane
Concen: 54.603 ug/l
RT: 9.379 min Scan# 1268
Delta R.T. -0.006 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13

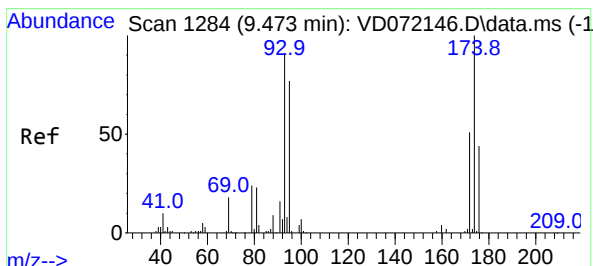
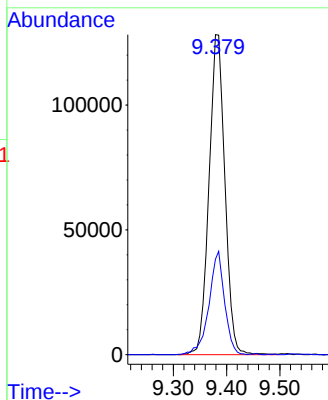
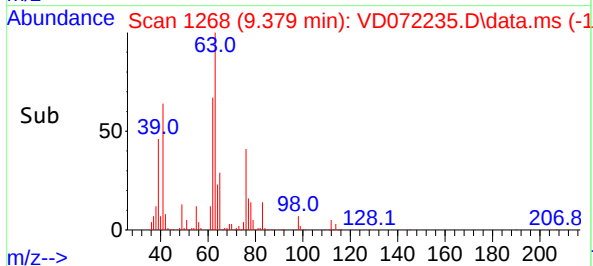
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



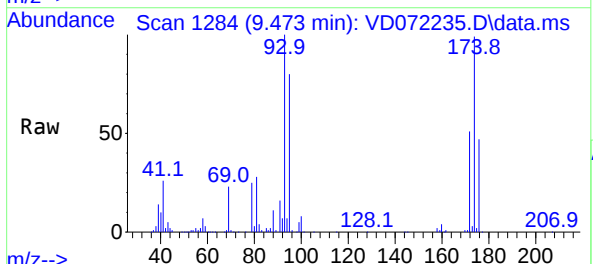
Tgt Ion: 63 Resp: 26569
Ion Ratio Lower Upper
63 100
65 29.8 26.2 39.4

Manual Integrations
APPROVED

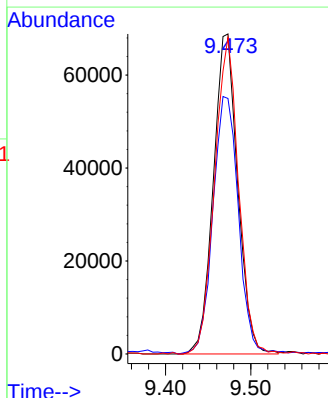
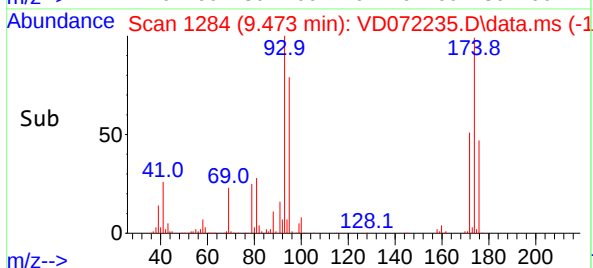
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

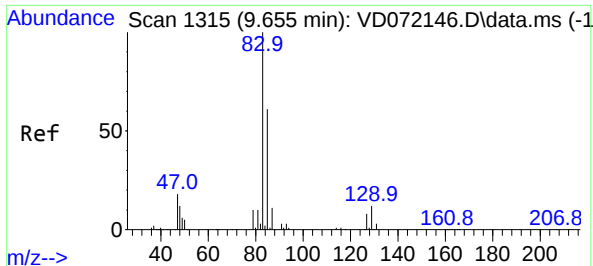


#46
Dibromomethane
Concen: 57.160 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. 0.000 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13



Tgt Ion: 93 Resp: 136820
Ion Ratio Lower Upper
93 100
95 84.4 66.7 100.1
174 97.5 71.6 107.4





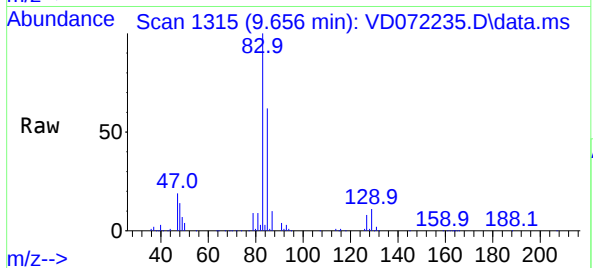
#47
Bromodichloromethane
Concen: 53.131 ug/l
RT: 9.656 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



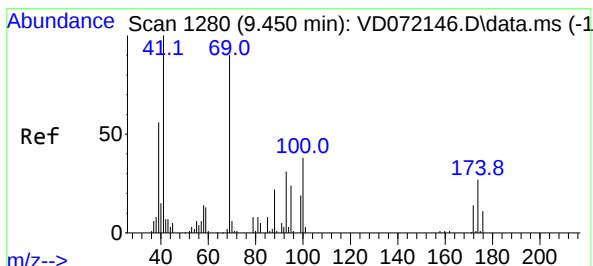
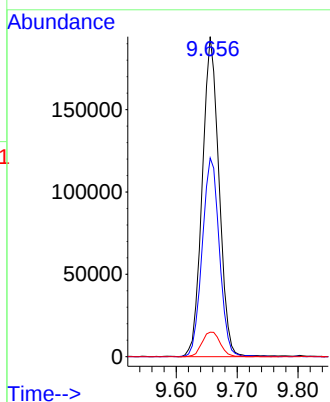
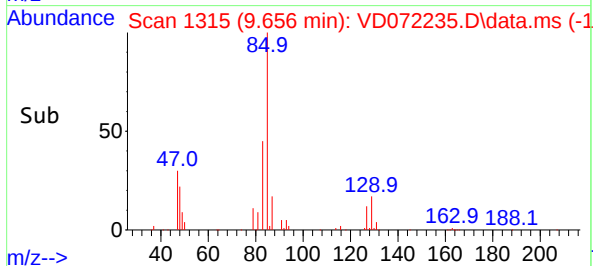
Tgt Ion: 83 Resp: 37074
Ion Ratio Lower Upper
83 100
85 62.1 51.4 77.0
127 7.7 6.1 9.1

Manual Integrations

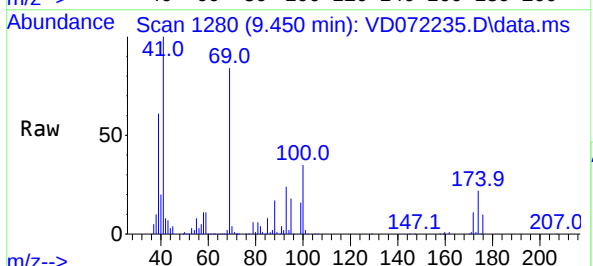
APPROVED

Reviewed By :John Carlone 03/17/2022

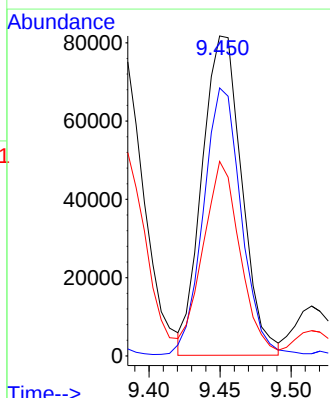
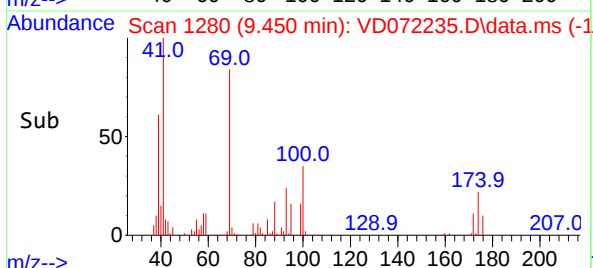
Supervised By :Mahesh Dadoda 03/17/2022

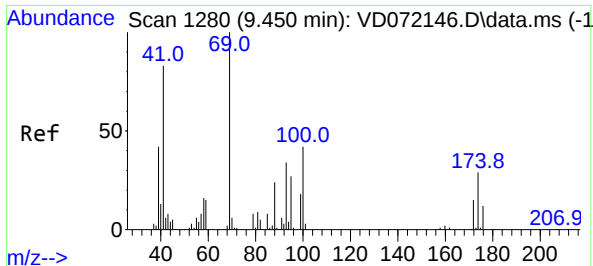


#48
Methyl methacrylate
Concen: 62.856 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13



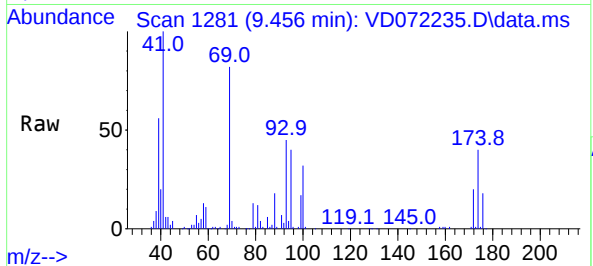
Tgt Ion: 41 Resp: 158700
Ion Ratio Lower Upper
41 100
69 79.7 56.7 85.1
39 57.4 42.7 64.1





#49
1,4-Dioxane
Concen: 1096.452 ug/l
RT: 9.456 min Scan# 1281
Delta R.T. 0.006 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13

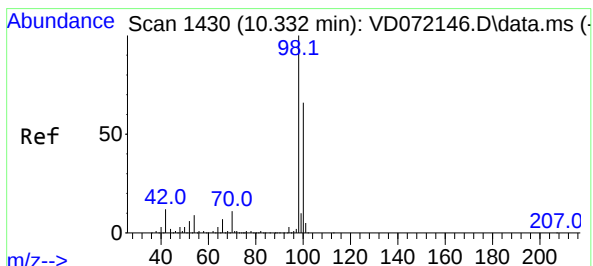
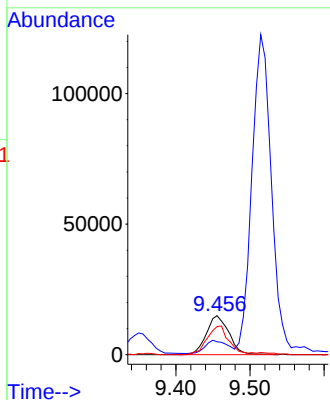
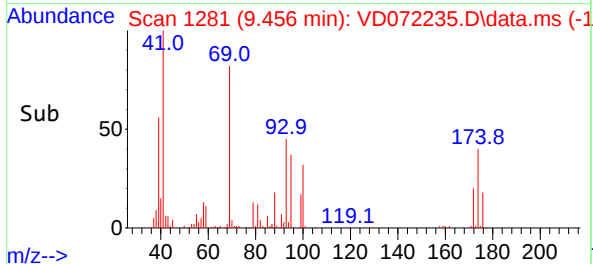
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 31472
Ion Ratio Lower Upper
88 100
43 33.6 31.0 46.4
58 71.9 58.1 87.1

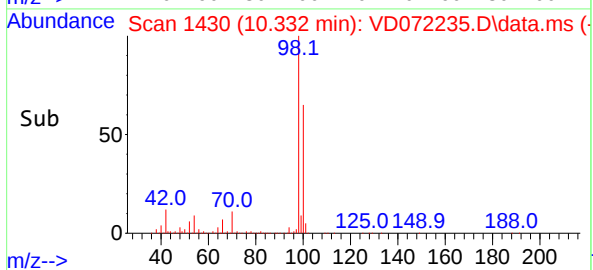
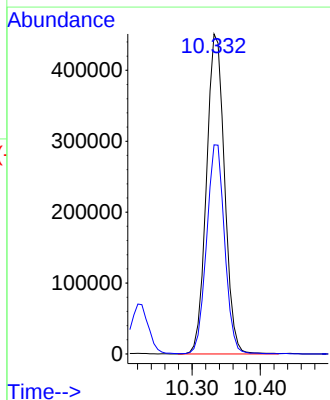
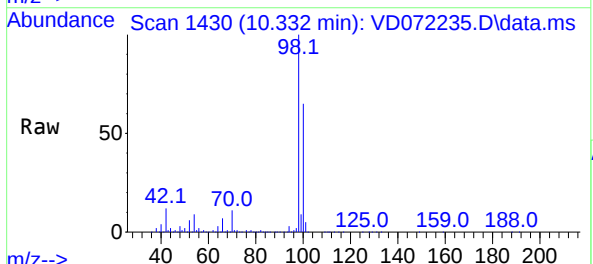
Manual Integrations
APPROVED

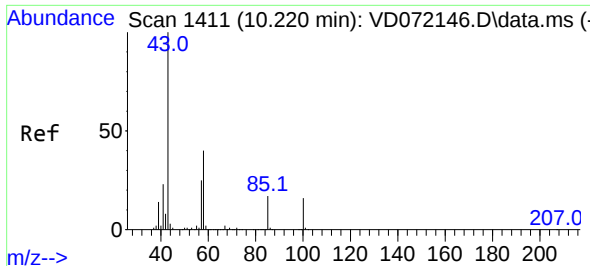
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#50
Toluene-d8
Concen: 51.337 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13

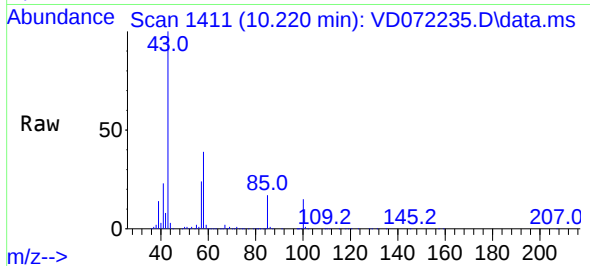
Tgt Ion: 98 Resp: 832189
Ion Ratio Lower Upper
98 100
100 65.0 52.4 78.6





#51
4-Methyl-2-Pentanone
Concen: 303.672 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13

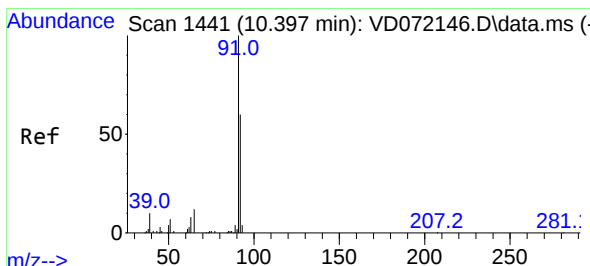
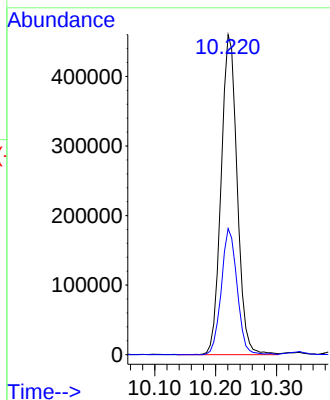
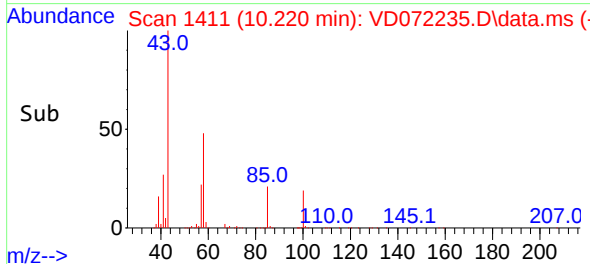
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 84336
Ion Ratio Lower Upper
43 100
58 38.6 28.6 43.0

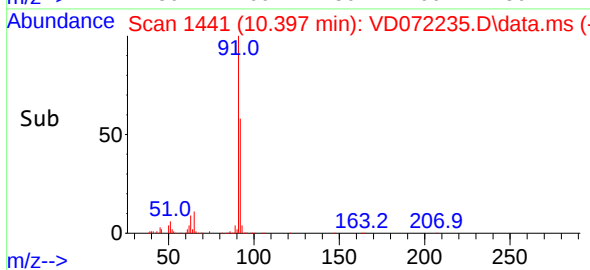
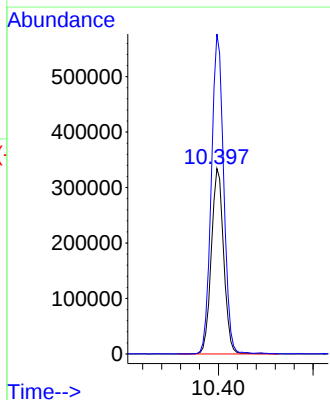
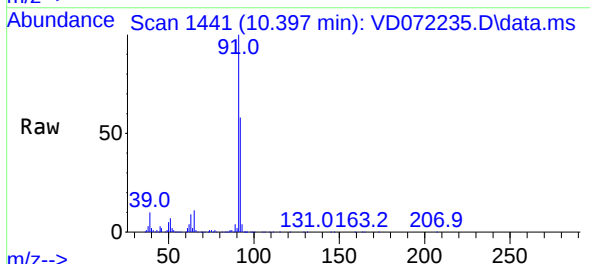
Manual Integrations
APPROVED

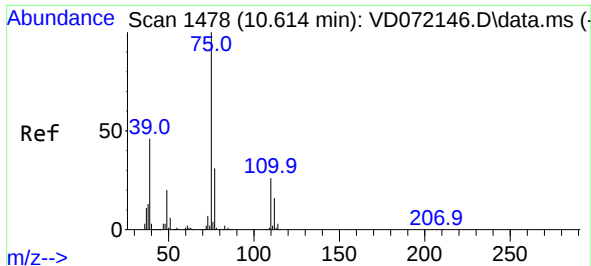
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#52
Toluene
Concen: 51.698 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13

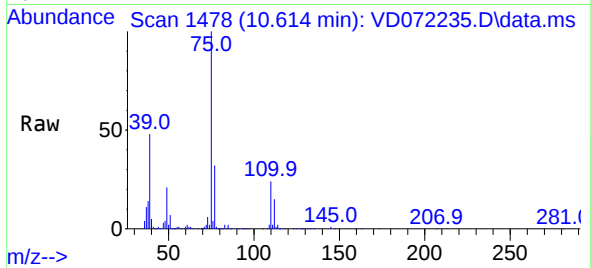
Tgt Ion: 92 Resp: 603582
Ion Ratio Lower Upper
92 100
91 172.7 139.6 209.4





#53
t-1,3-Dichloropropene
Concen: 50.646 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13

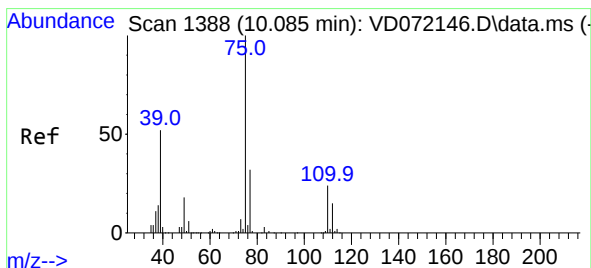
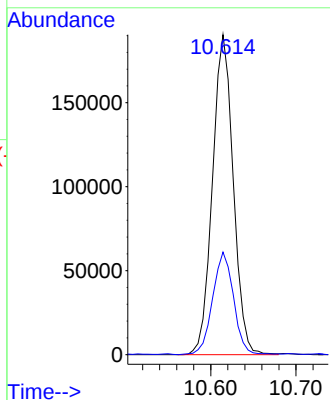
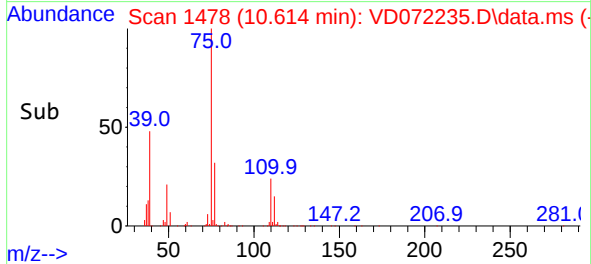
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



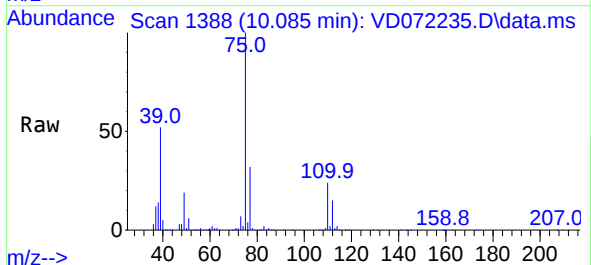
Tgt Ion: 75 Resp: 322884
Ion Ratio Lower Upper
75 100
77 32.1 24.5 36.7

Manual Integrations
APPROVED

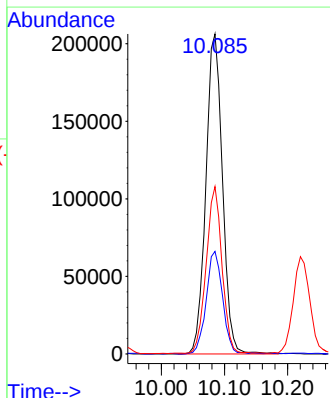
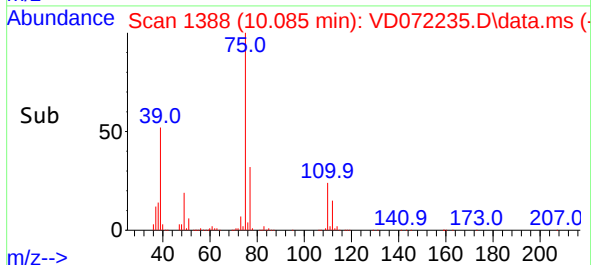
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

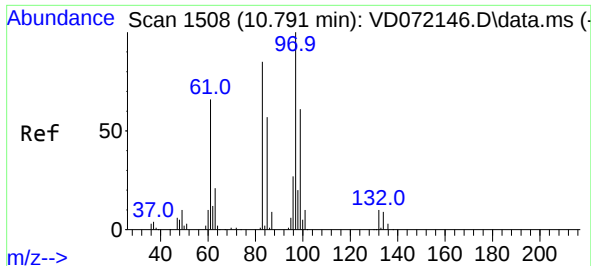


#54
cis-1,3-Dichloropropene
Concen: 51.182 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13



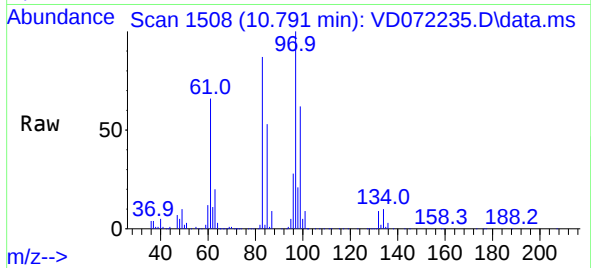
Tgt Ion: 75 Resp: 377211
Ion Ratio Lower Upper
75 100
77 32.1 24.8 37.2
39 52.1 46.8 70.2





#55
1,1,2-Trichloroethane
Concen: 54.383 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13

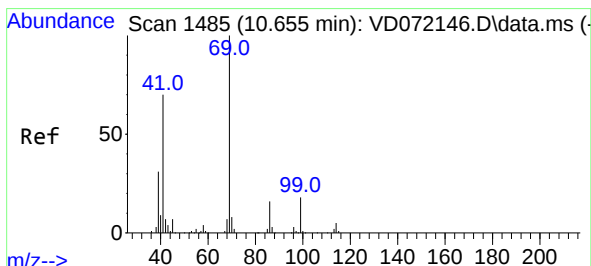
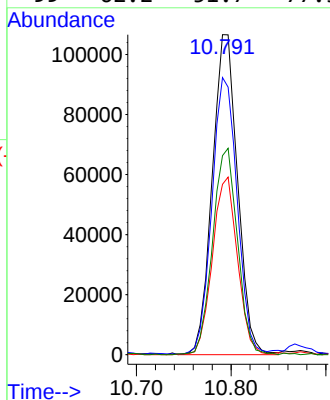
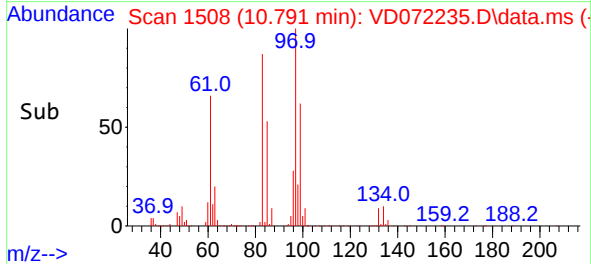
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



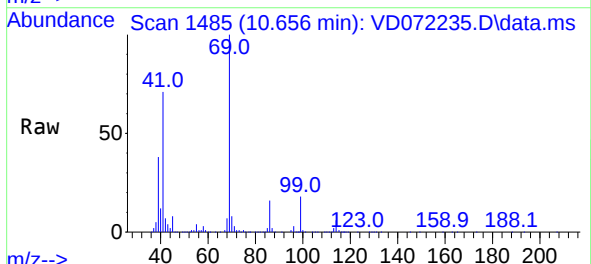
Tgt Ion: 97 Resp: 19829
Ion Ratio Lower Upper
97 100
83 86.4 69.0 103.4
85 53.1 42.6 63.8
99 62.2 51.7 77.5

Manual Integrations
APPROVED

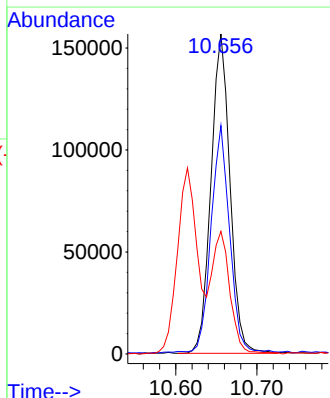
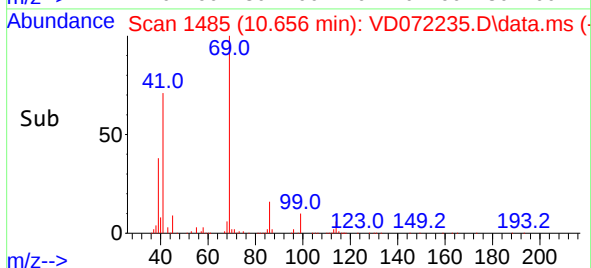
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

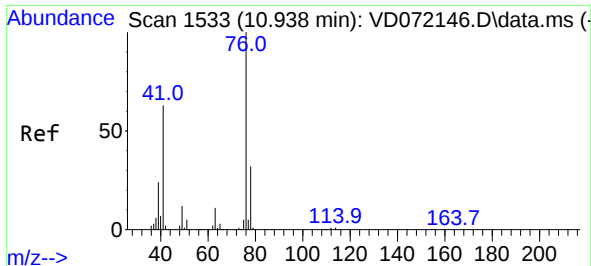


#56
Ethyl methacrylate
Concen: 59.475 ug/l
RT: 10.656 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13



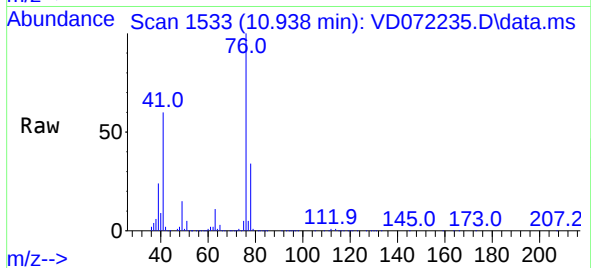
Tgt Ion: 69 Resp: 254009
Ion Ratio Lower Upper
69 100
41 70.9 63.0 94.6
39 36.1 33.8 50.8





#57
1,3-Dichloropropane
Concen: 56.200 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13

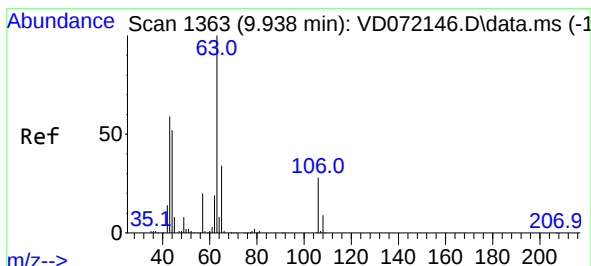
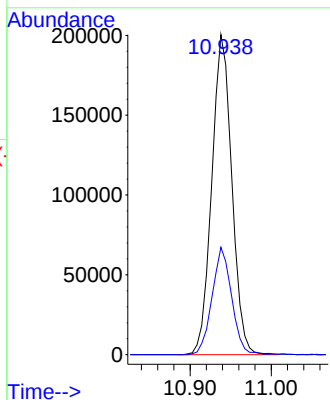
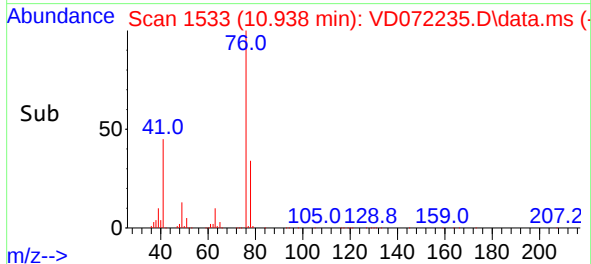
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



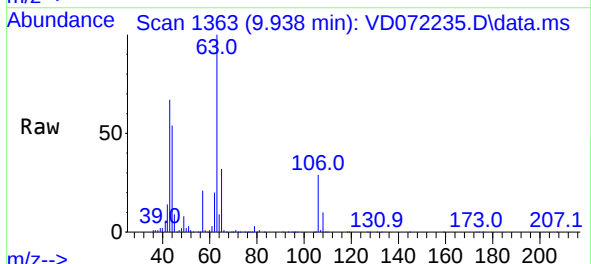
Tgt Ion: 76 Resp: 34392
Ion Ratio Lower Upper
76 100
78 32.7 26.0 39.0

Manual Integrations
APPROVED

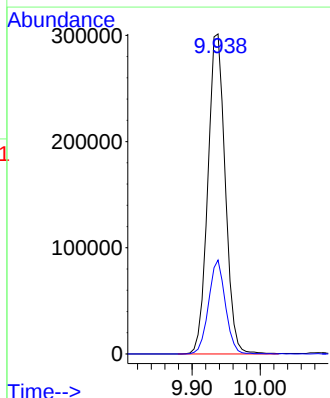
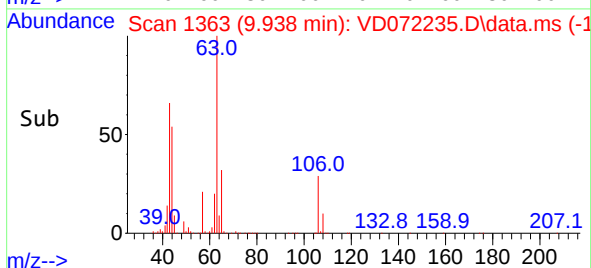
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

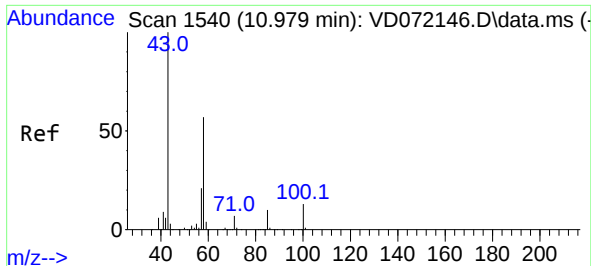


#58
2-Chloroethyl Vinyl ether
Concen: 278.568 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13



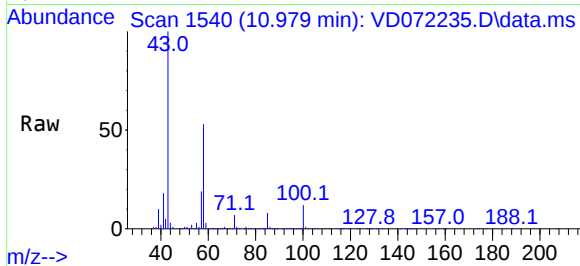
Tgt Ion: 63 Resp: 534937
Ion Ratio Lower Upper
63 100
106 28.3 21.4 32.0





#59
2-Hexanone
Concen: 295.257 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13

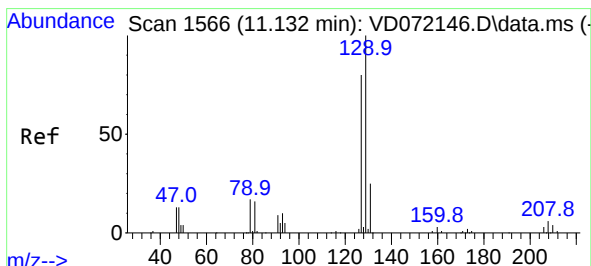
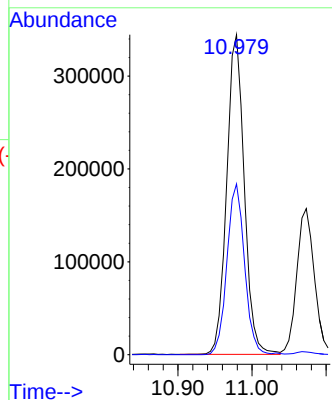
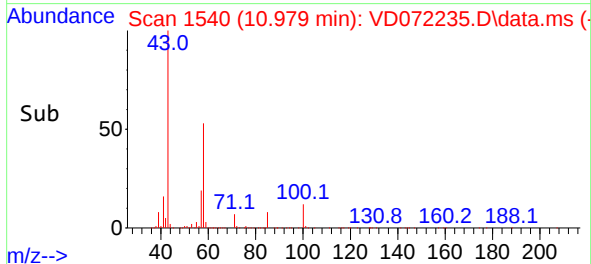
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



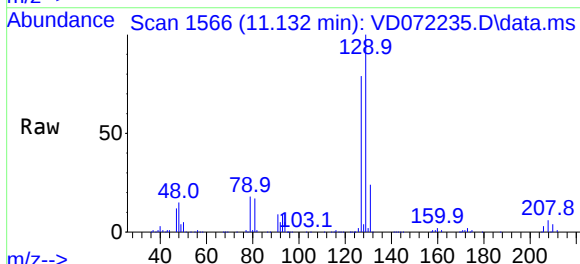
Tgt Ion: 43 Resp: 56634
Ion Ratio Lower Upper
43 100
58 53.4 25.3 75.9

Manual Integrations
APPROVED

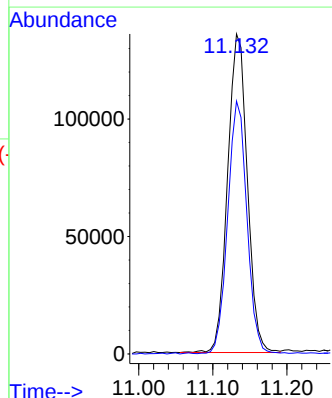
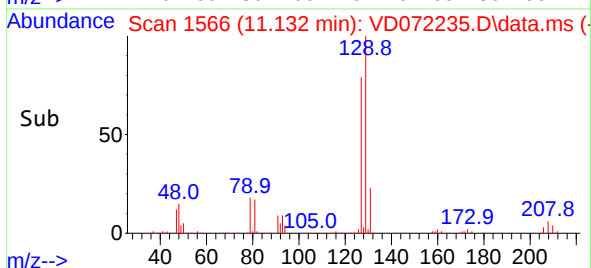
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

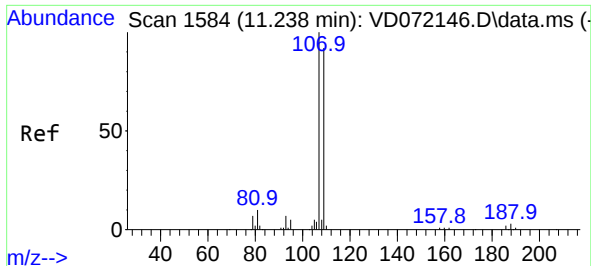


#60
Dibromochloromethane
Concen: 52.856 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13



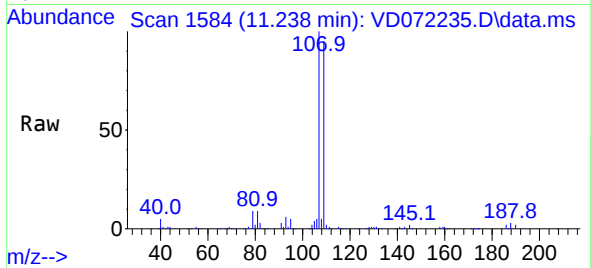
Tgt Ion:129 Resp: 250085
Ion Ratio Lower Upper
129 100
127 77.2 39.2 117.6





#61
1,2-Dibromoethane
Concen: 56.469 ug/l
RT: 11.238 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13

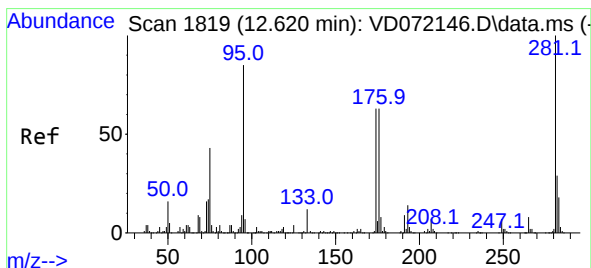
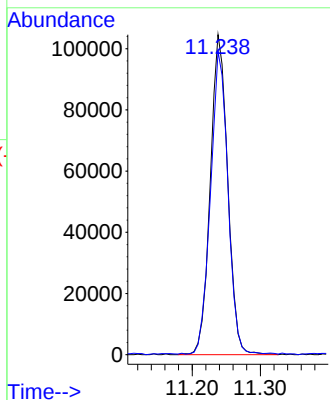
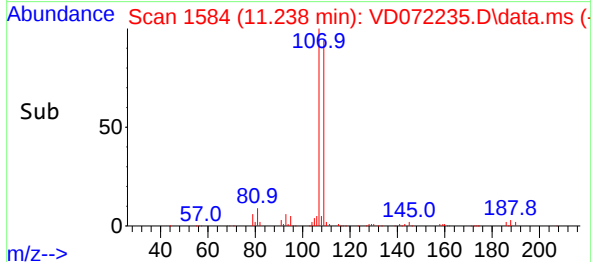
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



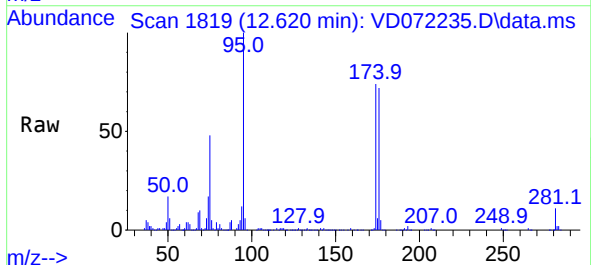
Tgt Ion:107 Resp: 186059
Ion Ratio Lower Upper
107 100
109 94.3 74.2 111.4

Manual Integrations
APPROVED

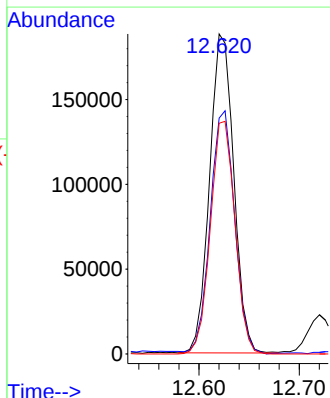
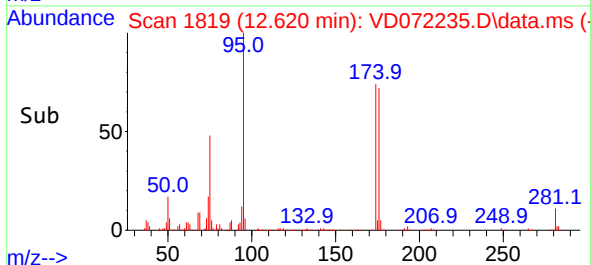
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

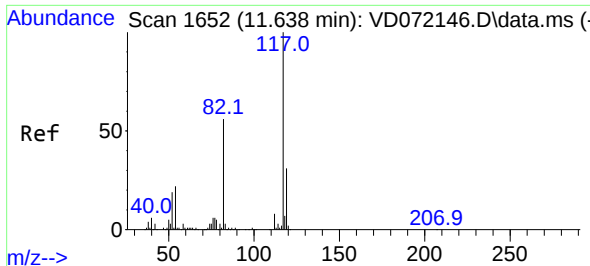


#62
4-Bromofluorobenzene
Concen: 50.062 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13



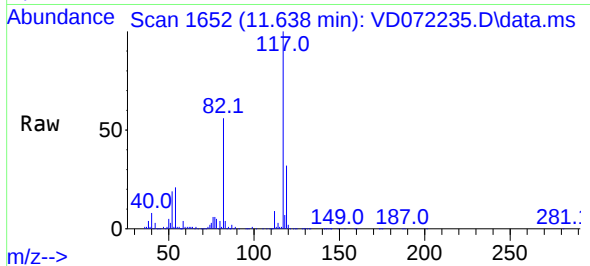
Tgt Ion: 95 Resp: 315315
Ion Ratio Lower Upper
95 100
174 76.8 0.0 152.8
176 74.0 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13

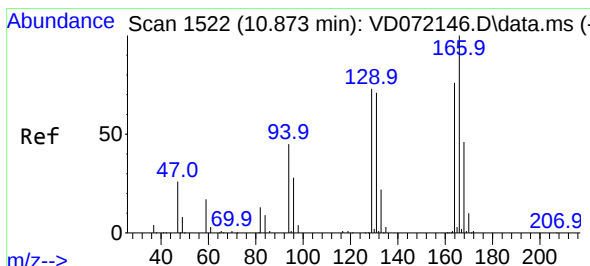
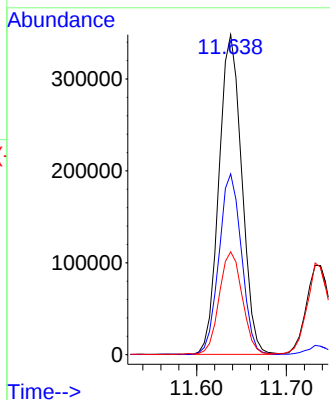
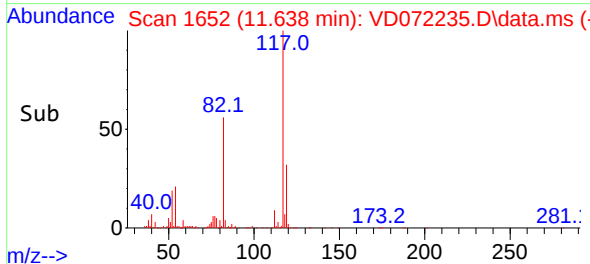
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



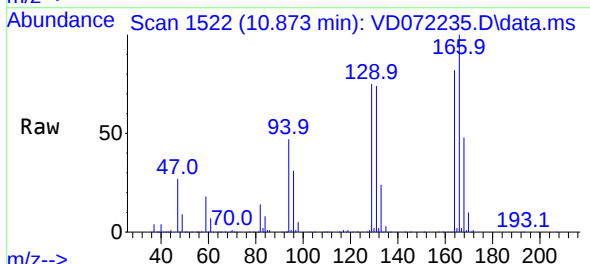
Tgt Ion:117 Resp: 61395
Ion Ratio Lower Upper
117 100
82 56.5 45.3 67.9
119 32.0 26.6 40.0

Manual Integrations
APPROVED

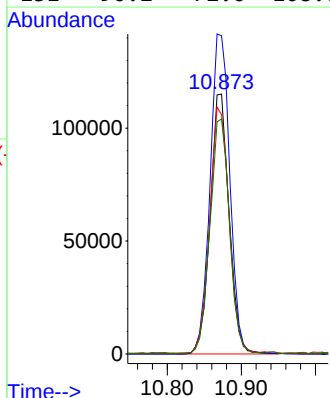
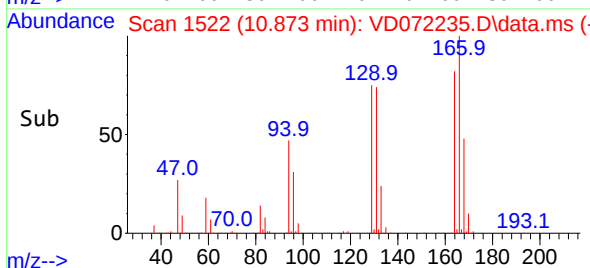
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

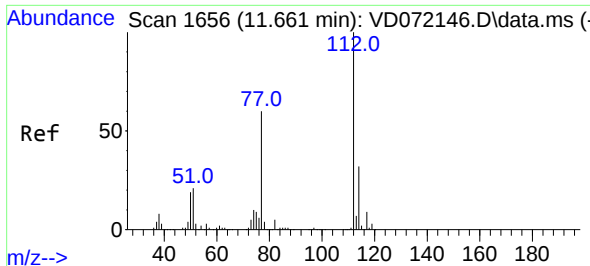


#64
Tetrachloroethene
Concen: 47.377 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13



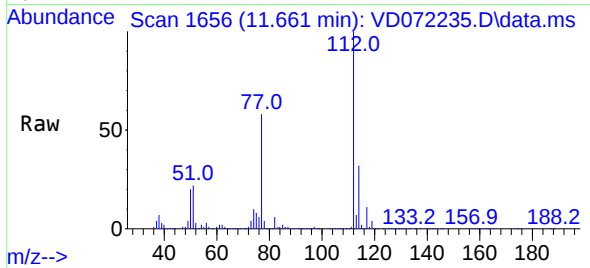
Tgt Ion:164 Resp: 204942
Ion Ratio Lower Upper
164 100
166 122.5 98.5 147.7
129 91.6 74.6 111.8
131 90.2 72.0 108.0





#65
Chlorobenzene
Concen: 49.208 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13

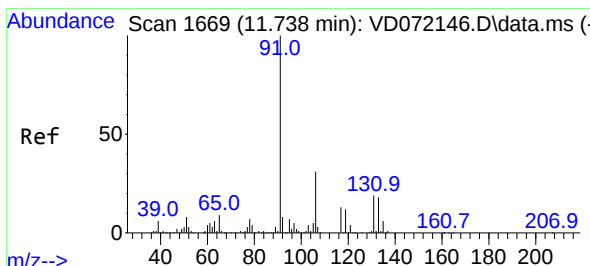
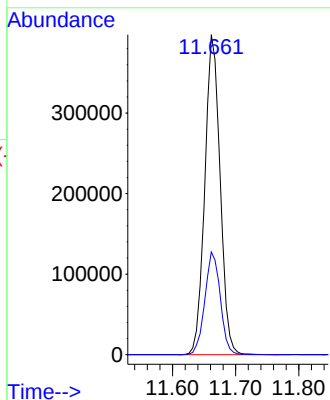
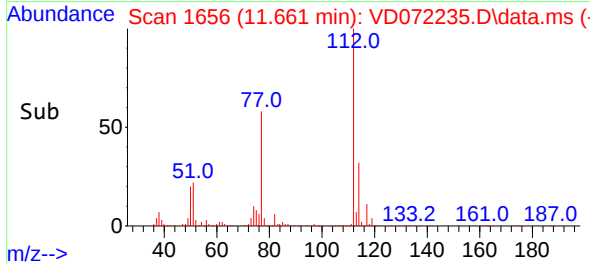
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



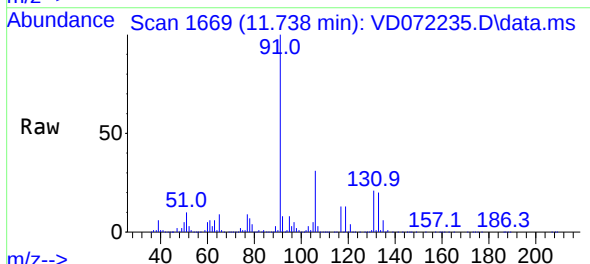
Tgt Ion:112 Resp: 669770
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.6

Manual Integrations
APPROVED

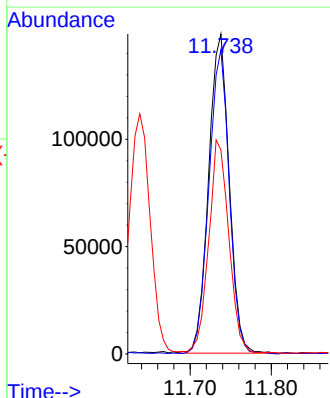
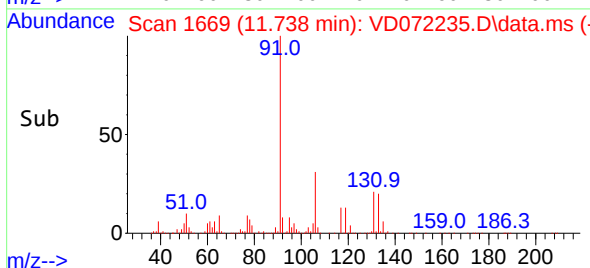
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

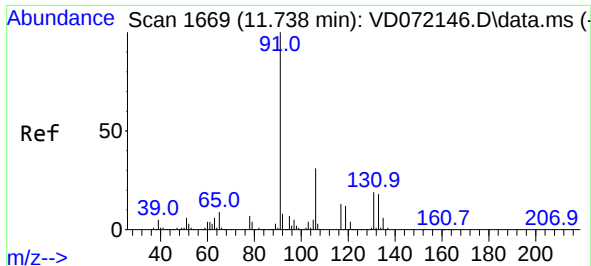


#66
1,1,1,2-Tetrachloroethane
Concen: 48.669 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13



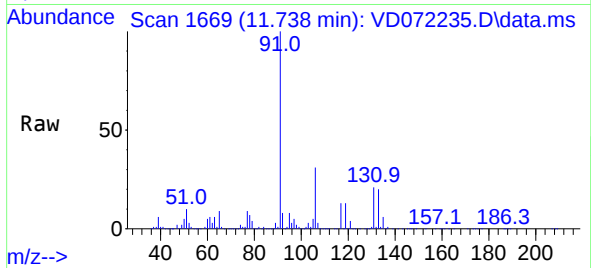
Tgt Ion:131 Resp: 261955
Ion Ratio Lower Upper
131 100
133 94.6 48.1 144.3
119 65.7 31.9 95.9





#67
Ethyl Benzene
Concen: 48.284 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13

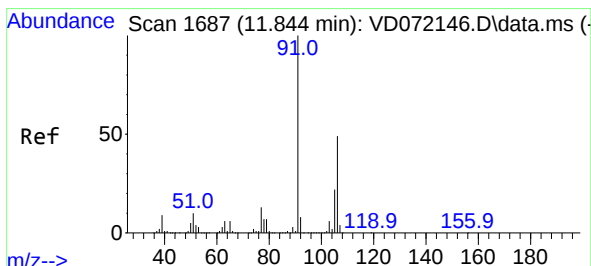
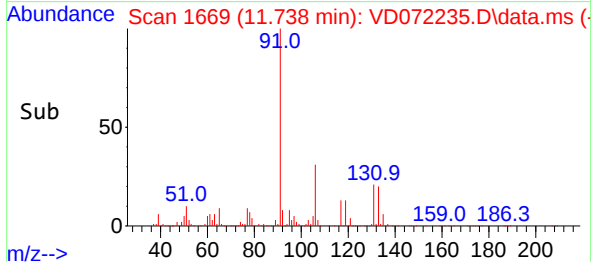
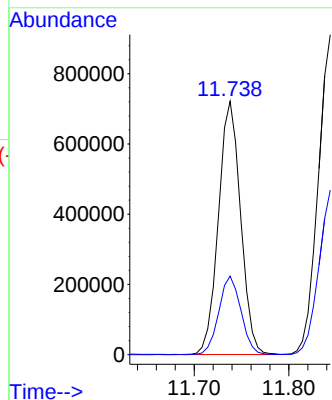
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 117378
Ion Ratio Lower Upper
91 100
106 31.0 24.2 36.4

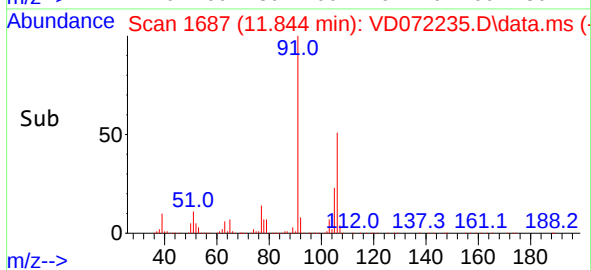
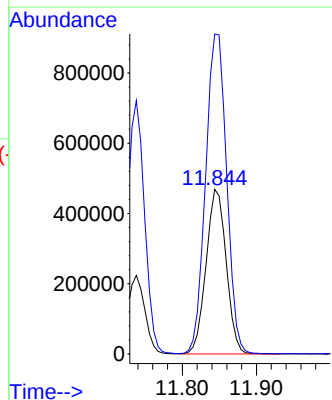
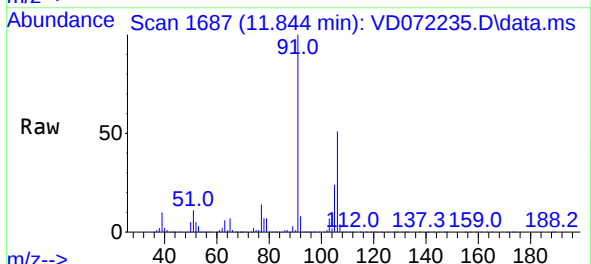
Manual Integrations
APPROVED

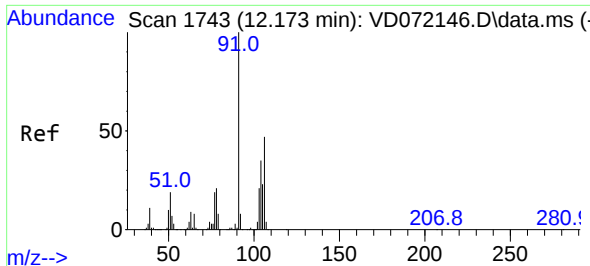
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#68
m/p-Xylenes
Concen: 95.780 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13

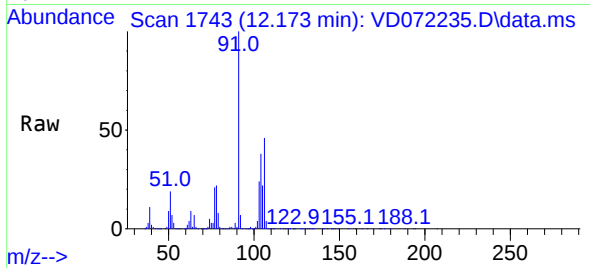
Tgt Ion:106 Resp: 884137
Ion Ratio Lower Upper
106 100
91 203.0 163.7 245.5





#69
o-Xylene
Concen: 50.236 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13

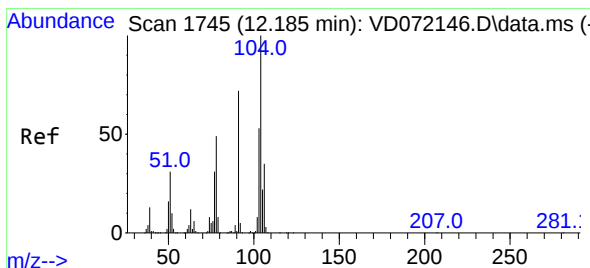
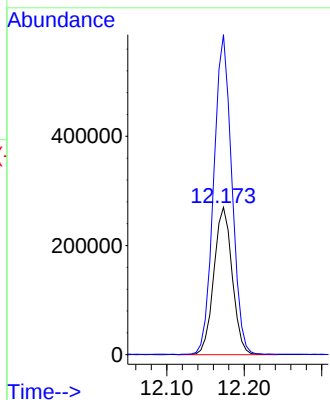
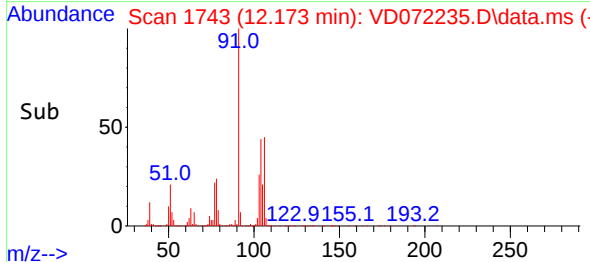
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



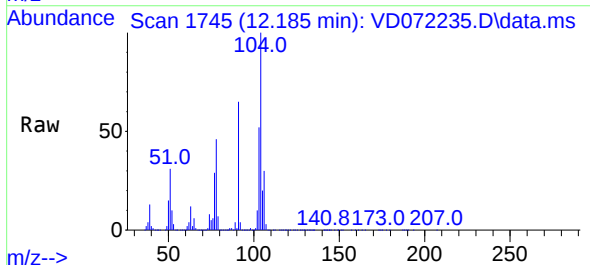
Tgt Ion:106 Resp: 443558
Ion Ratio Lower Upper
106 100
91 214.1 110.4 331.2

Manual Integrations
APPROVED

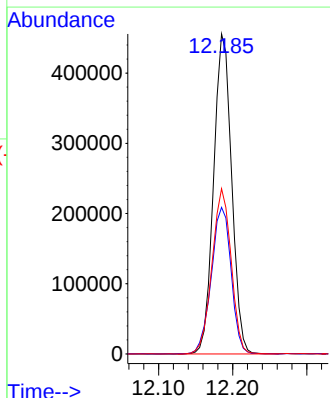
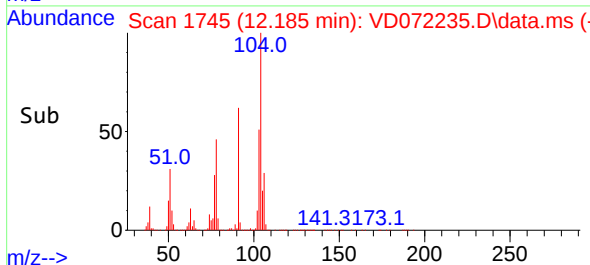
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

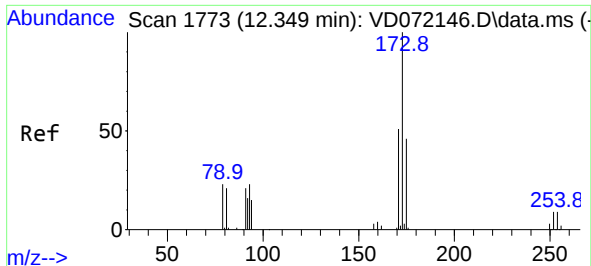


#70
Styrene
Concen: 49.941 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13



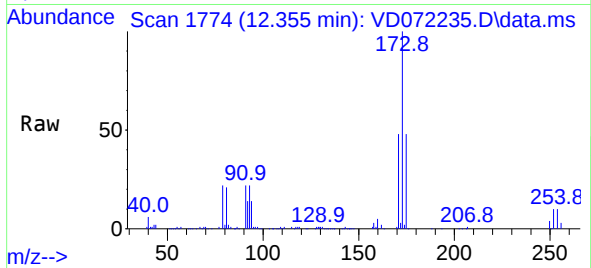
Tgt Ion:104 Resp: 770000
Ion Ratio Lower Upper
104 100
78 50.3 41.8 62.8
103 54.7 44.2 66.4





#71
Bromoform
Concen: 49.694 ug/l
RT: 12.355 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13

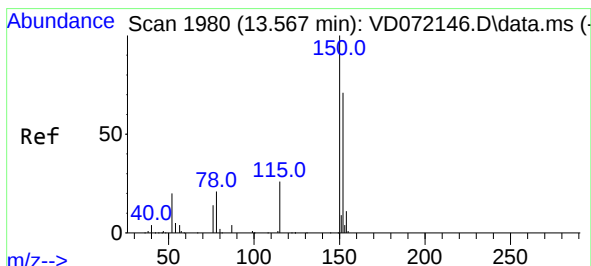
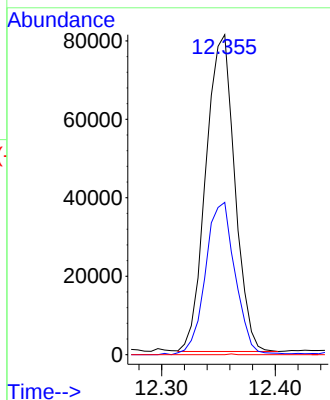
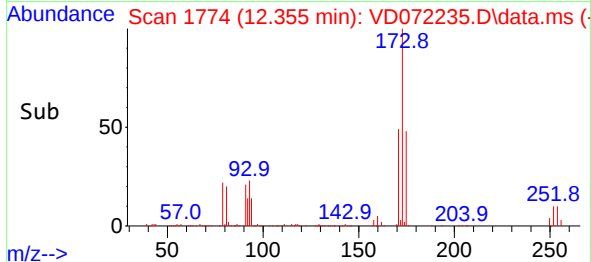
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



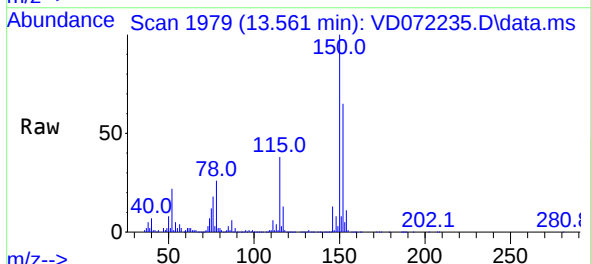
Tgt Ion:173 Resp: 142877
Ion Ratio Lower Upper
173 100
175 49.4 23.9 71.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

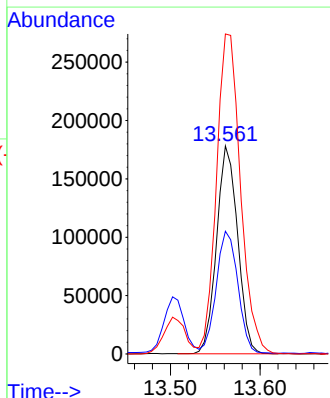
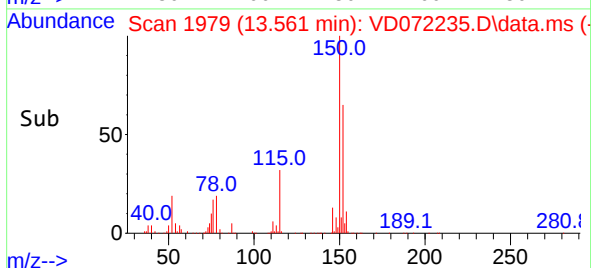
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

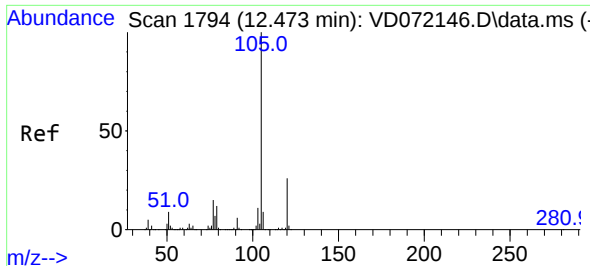


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13



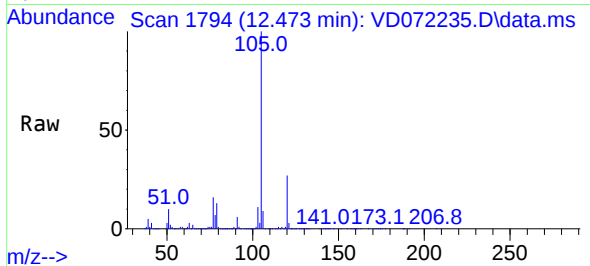
Tgt Ion:152 Resp: 289852
Ion Ratio Lower Upper
152 100
115 60.2 31.3 93.8
150 175.6 0.0 348.6





#73
Isopropylbenzene
Concen: 49.860 ug/l
RT: 12.473 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13

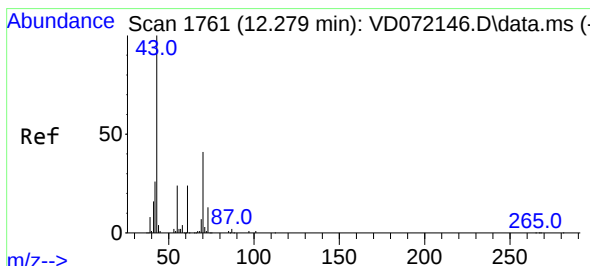
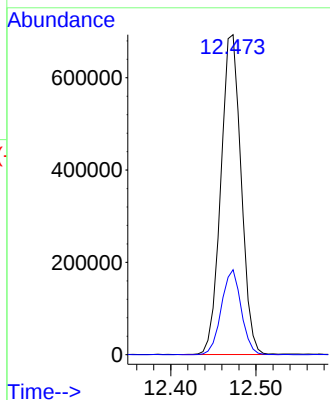
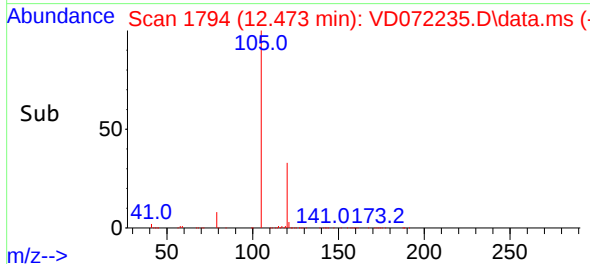
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



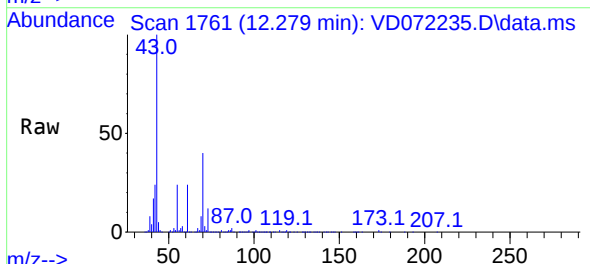
Tgt Ion:105 Resp: 114525
Ion Ratio Lower Upper
105 100
120 26.0 13.0 38.9

Manual Integrations
APPROVED

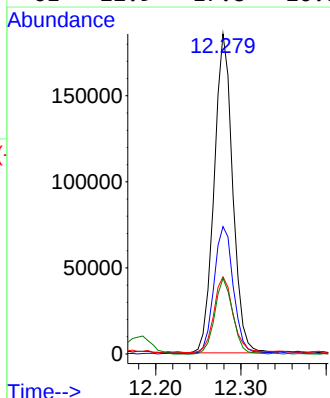
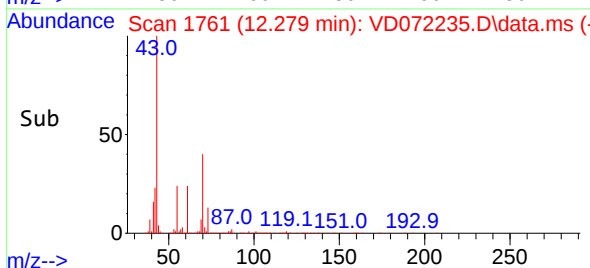
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

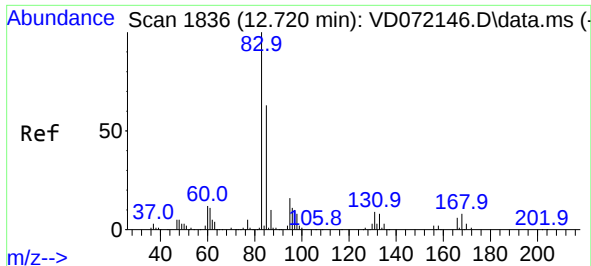


#74
N-ethyl acetate
Concen: 56.927 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13



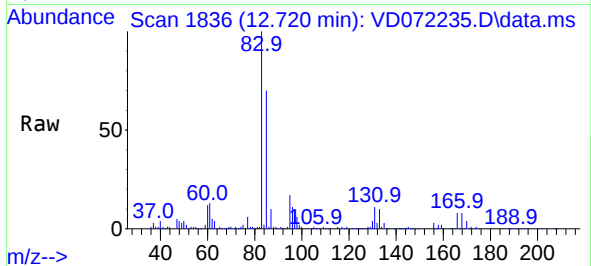
Tgt Ion: 43 Resp: 281000
Ion Ratio Lower Upper
43 100
70 42.1 31.3 46.9
55 24.5 20.0 30.0
61 22.9 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 56.359 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13

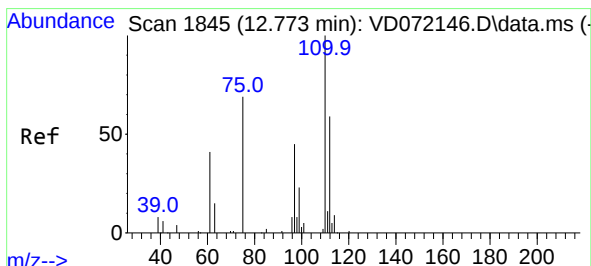
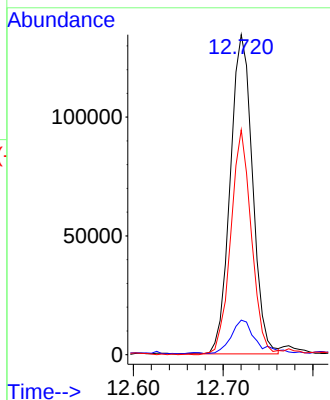
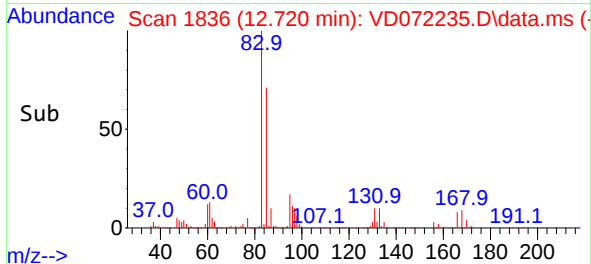
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



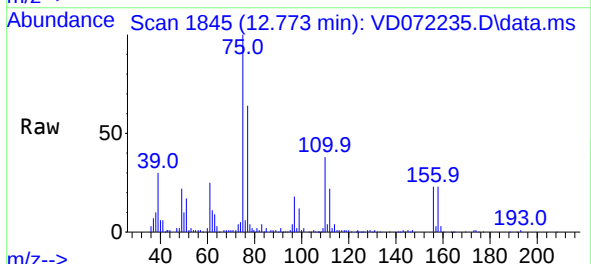
Tgt Ion: 83 Resp: 23152
Ion Ratio Lower Upper
83 100
131 11.7 5.0 14.9
85 65.6 32.6 98.0

Manual Integrations
APPROVED

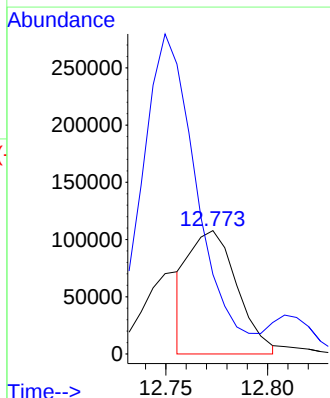
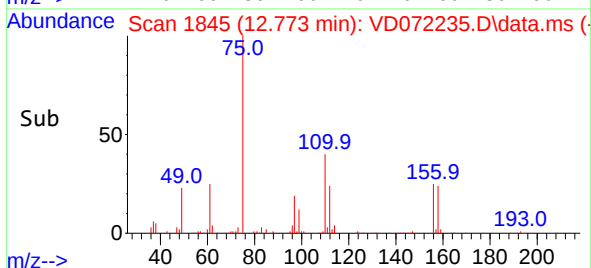
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

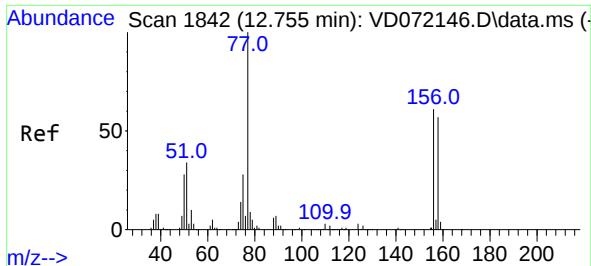


#76
1,2,3-Trichloropropane
Concen: 55.727 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13



Tgt Ion: 75 Resp: 178177
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





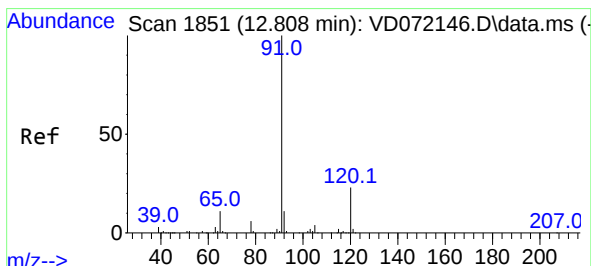
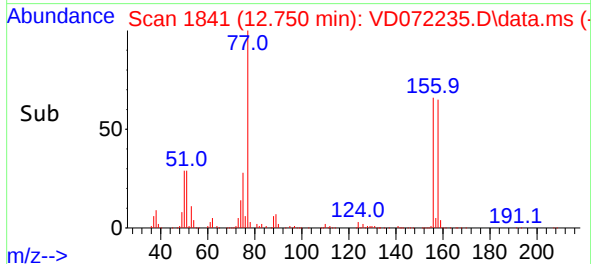
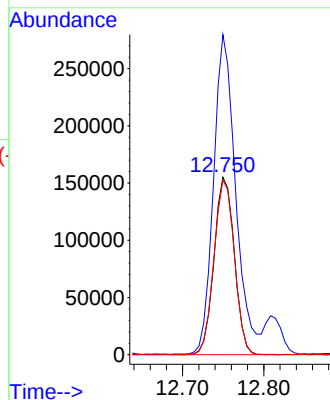
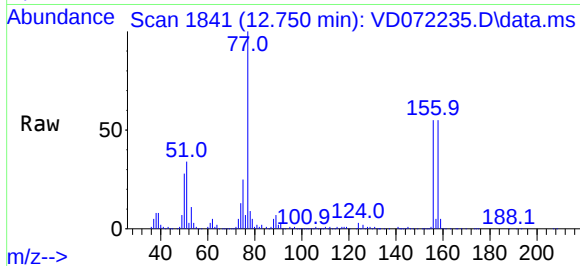
#77
Bromobenzene
Concen: 52.137 ug/l
RT: 12.750 min Scan# 1842
Delta R.T. -0.006 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 269539
Ion Ratio Lower Upper
156 100
77 197.2 102.8 308.3
158 98.9 48.7 146.1

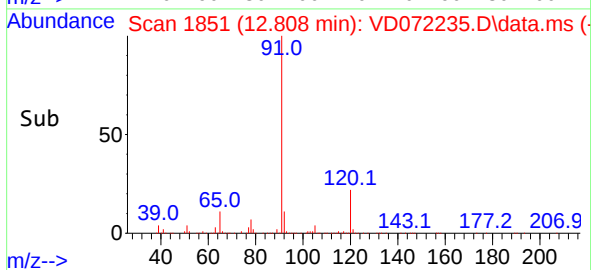
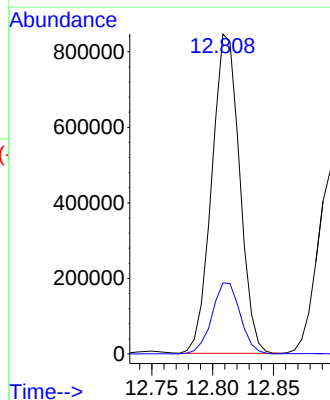
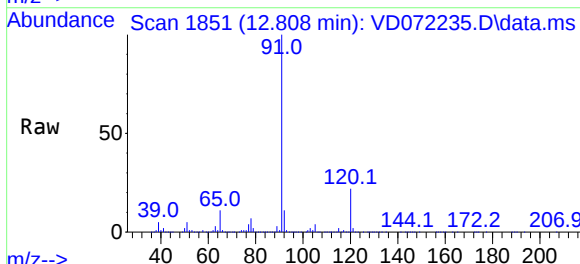
Manual Integrations
APPROVED

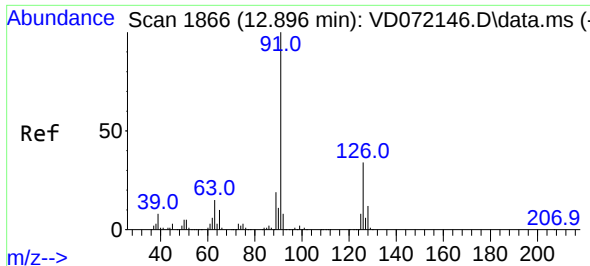
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#78
n-propylbenzene
Concen: 48.224 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13

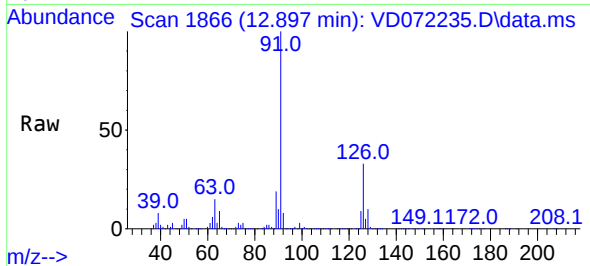
Tgt Ion: 91 Resp: 1345442
Ion Ratio Lower Upper
91 100
120 22.6 10.9 32.9





#79
2-Chlorotoluene
Concen: 50.498 ug/l
RT: 12.897 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13

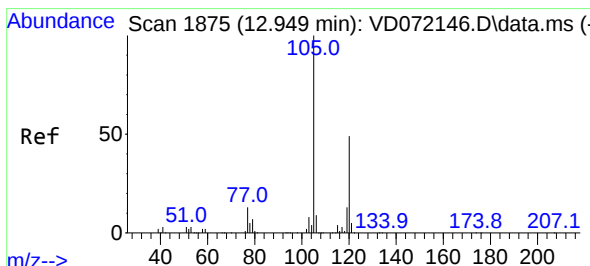
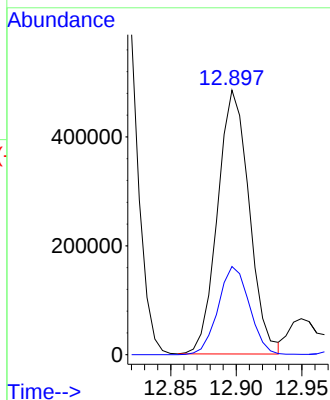
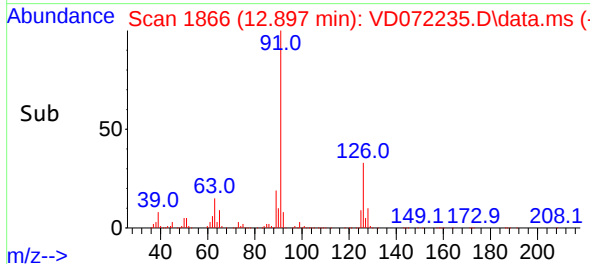
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



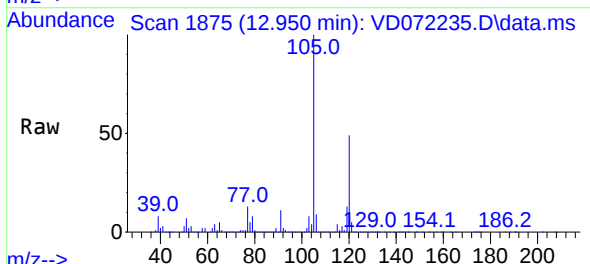
Tgt Ion: 91 Resp: 81468
Ion Ratio Lower Upper
91 100
126 33.0 16.2 48.6

Manual Integrations
APPROVED

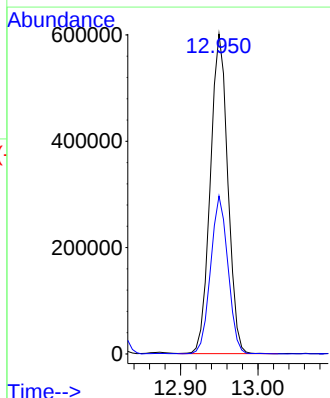
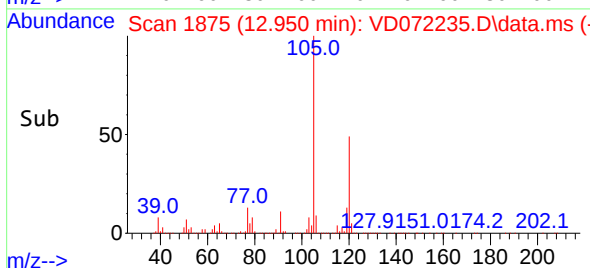
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

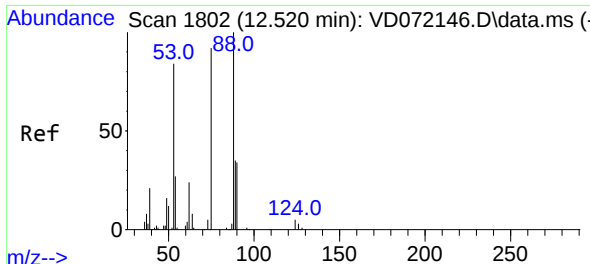


#80
1,3,5-Trimethylbenzene
Concen: 47.791 ug/l
RT: 12.950 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13



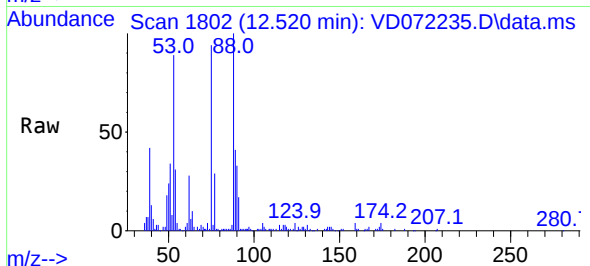
Tgt Ion:105 Resp: 943059
Ion Ratio Lower Upper
105 100
120 49.3 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 47.009 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13

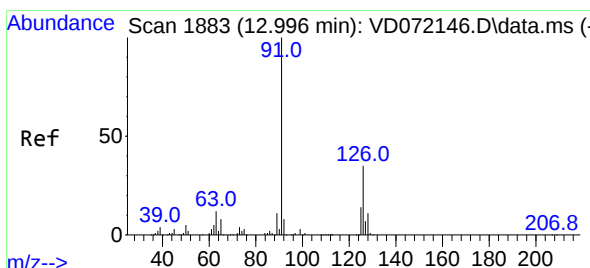
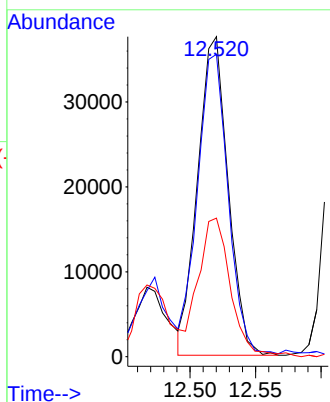
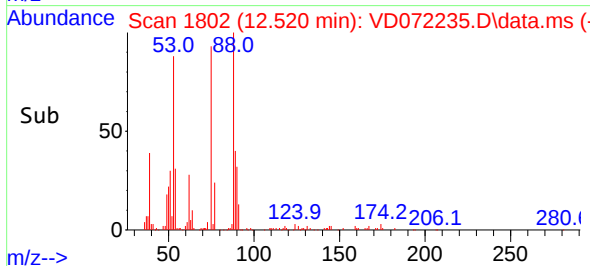
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



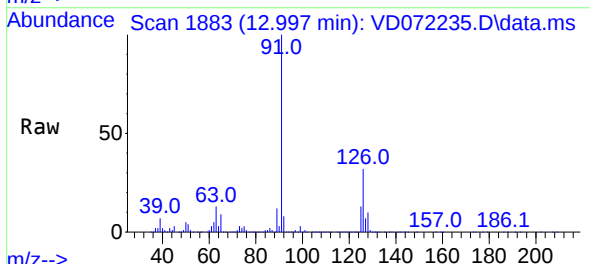
Tgt Ion: 75 Resp: 60579
Ion Ratio Lower Upper
75 100
53 94.3 86.5 129.7
89 45.3 33.9 50.9

Manual Integrations
APPROVED

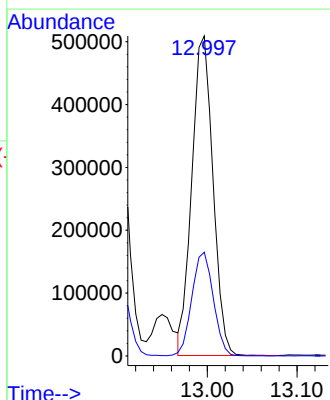
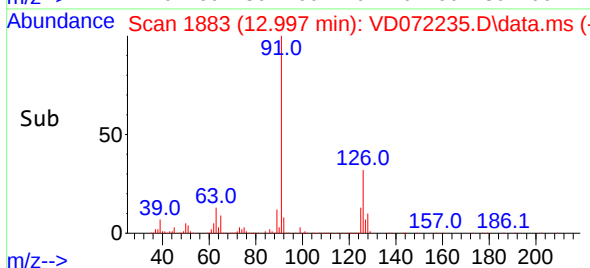
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

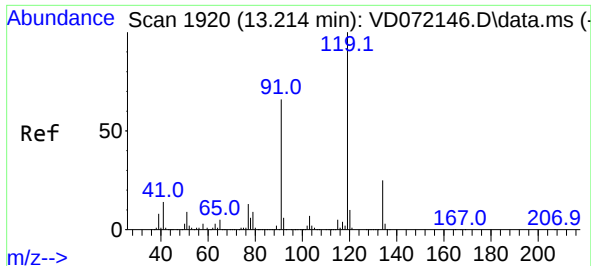


#82
4-Chlorotoluene
Concen: 49.654 ug/l
RT: 12.997 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13



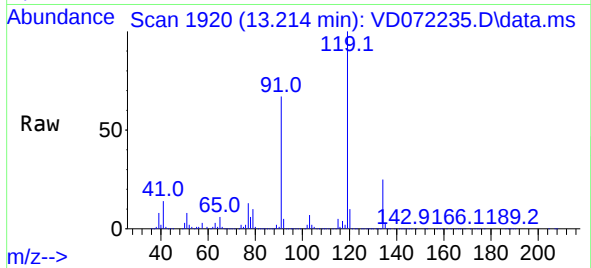
Tgt Ion: 91 Resp: 829444
Ion Ratio Lower Upper
91 100
126 33.1 16.5 49.5





#83
tert-Butylbenzene
Concen: 48.843 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13

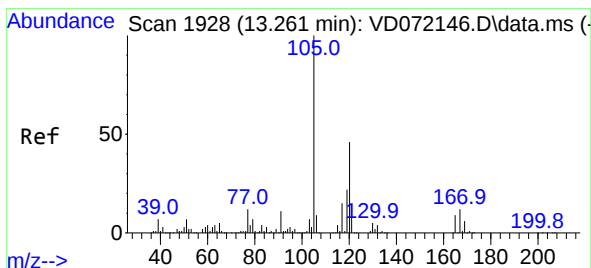
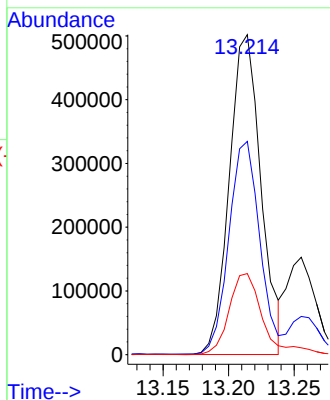
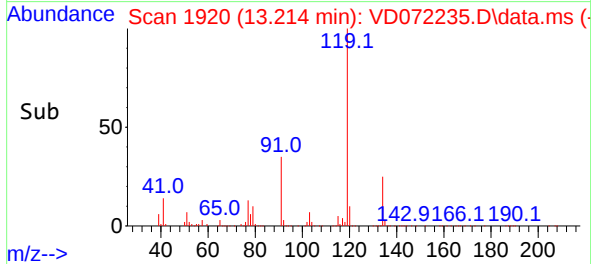
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



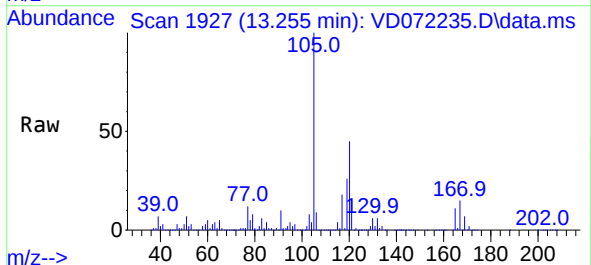
Tgt Ion:119 Resp: 844990
Ion Ratio Lower Upper
119 100
91 64.5 34.8 104.5
134 27.0 13.3 39.9

Manual Integrations
APPROVED

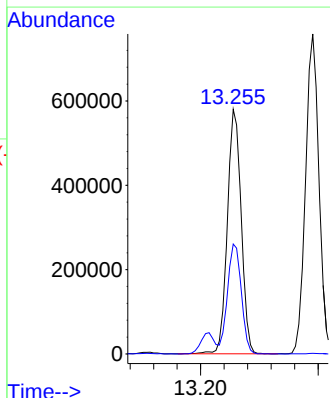
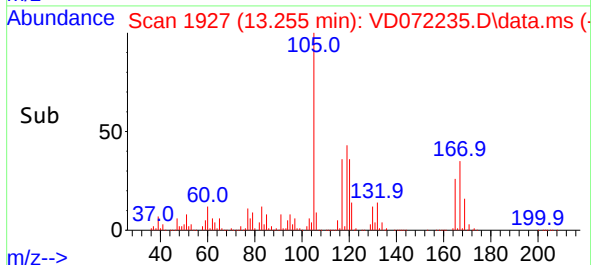
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

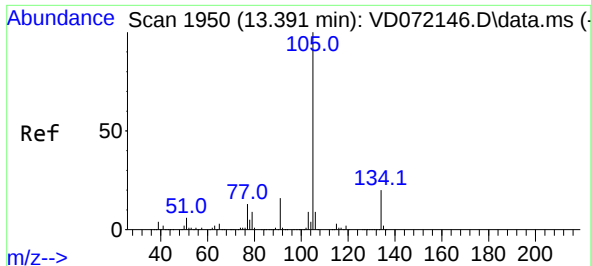


#84
1,2,4-Trimethylbenzene
Concen: 48.714 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13



Tgt Ion:105 Resp: 947159
Ion Ratio Lower Upper
105 100
120 44.8 22.3 66.8





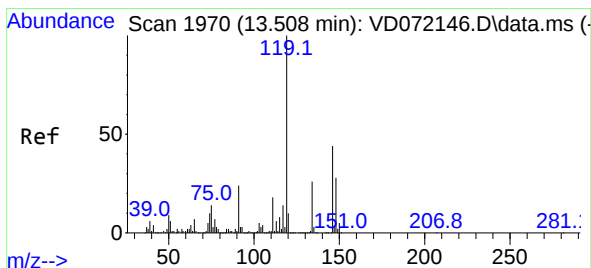
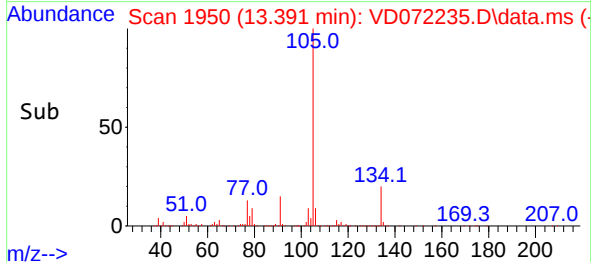
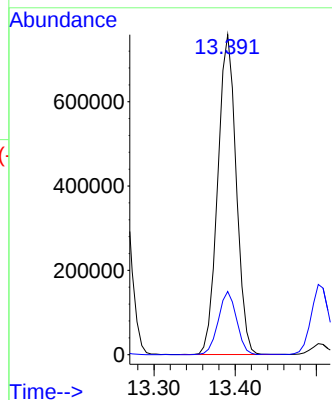
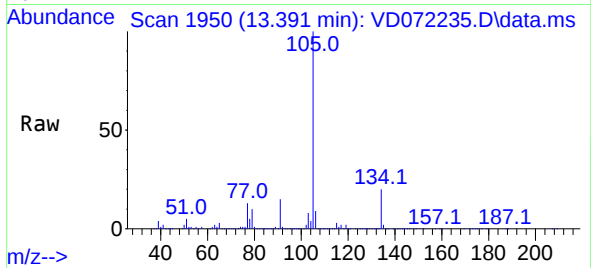
#85
sec-Butylbenzene
Concen: 46.100 ug/l
RT: 13.391 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 1197699
Ion Ratio Lower Upper
105 100
134 19.6 9.8 29.3

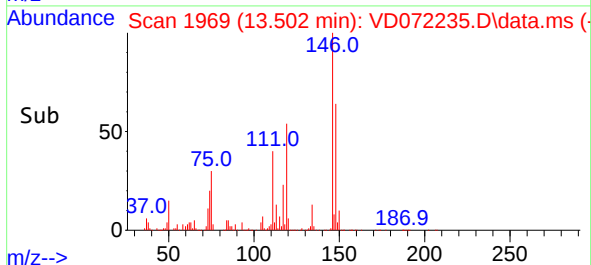
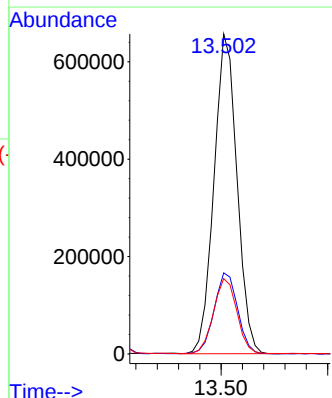
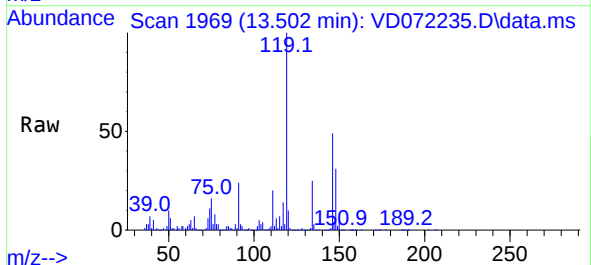
Manual Integrations
APPROVED

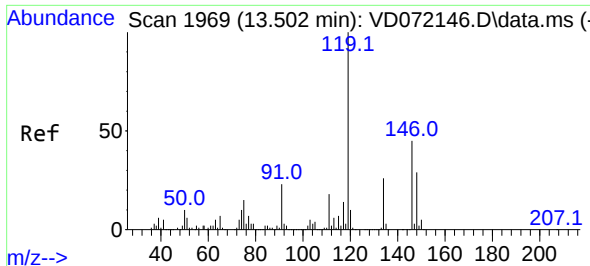
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#86
p-Isopropyltoluene
Concen: 45.976 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. -0.006 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13

Tgt Ion:119 Resp: 982890
Ion Ratio Lower Upper
119 100
134 25.9 12.9 38.6
91 23.8 12.1 36.3





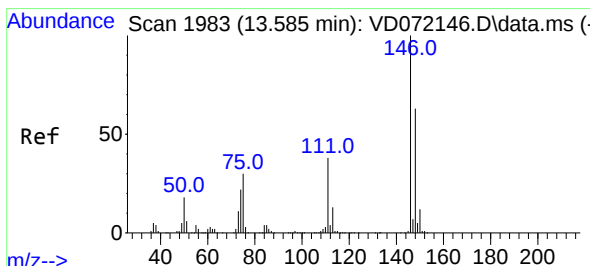
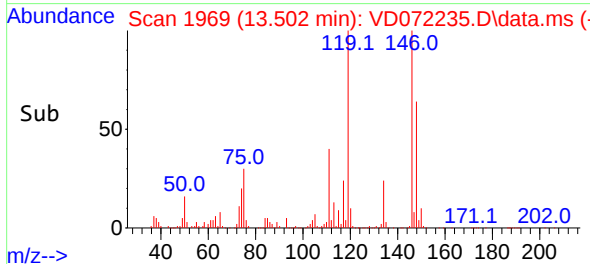
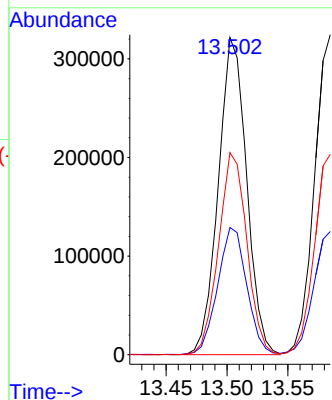
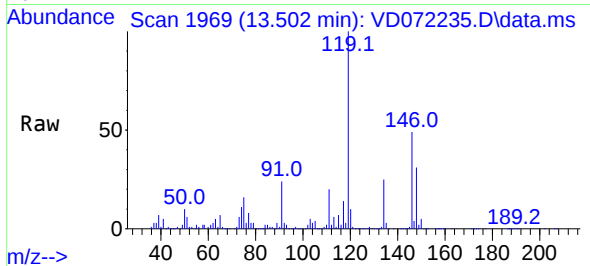
#87
1,3-Dichlorobenzene
Concen: 48.044 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 520549
Ion Ratio Lower Upper
146 100
111 41.4 20.4 61.3
148 63.8 31.9 95.7

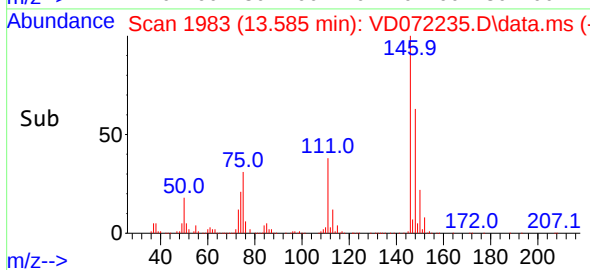
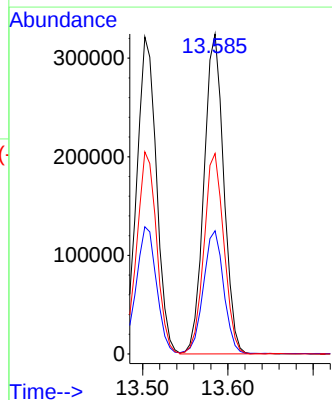
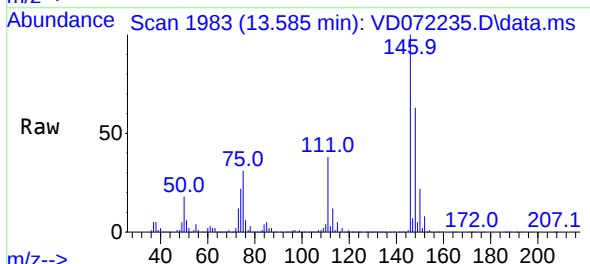
Manual Integrations
APPROVED

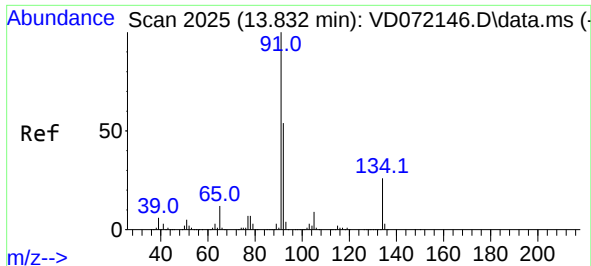
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#88
1,4-Dichlorobenzene
Concen: 48.529 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13

Tgt Ion:146 Resp: 521404
Ion Ratio Lower Upper
146 100
111 39.4 20.3 60.9
148 63.1 31.7 95.1





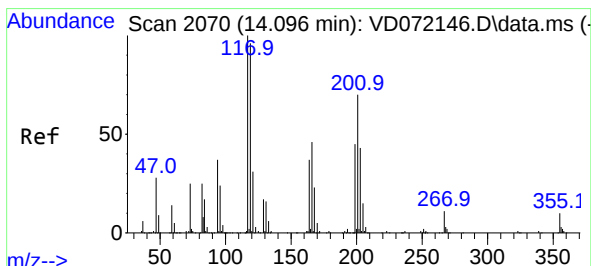
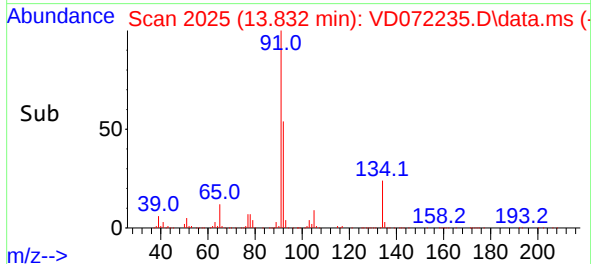
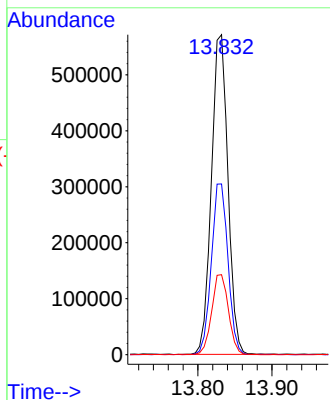
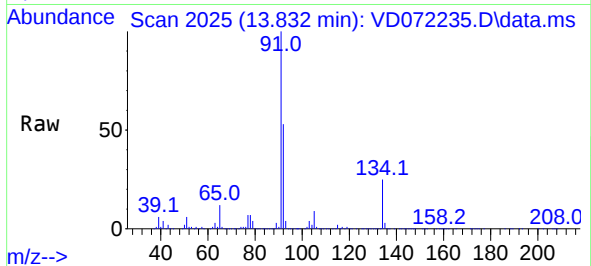
#89
n-Butylbenzene
Concen: 43.357 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. 0.000 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 88348
Ion Ratio Lower Upper
91 100
92 53.6 26.6 79.8
134 25.4 12.3 36.9

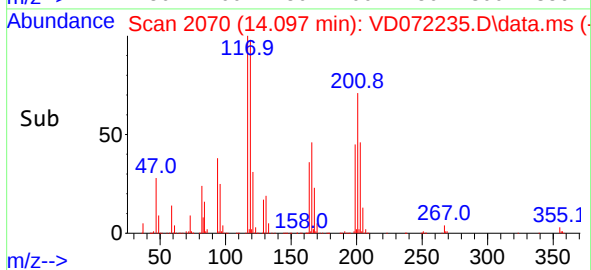
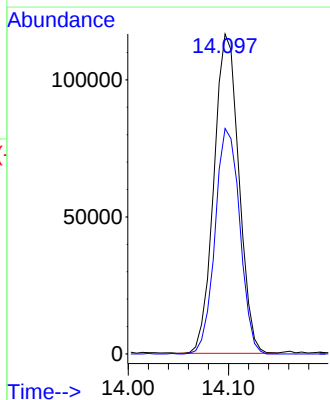
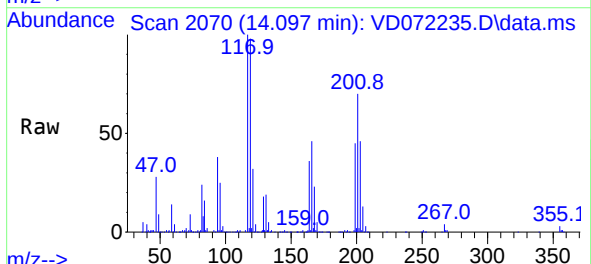
Manual Integrations
APPROVED

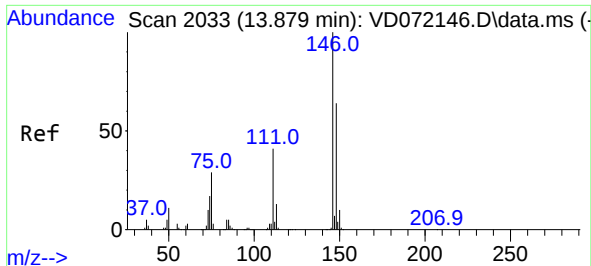
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#90
Hexachloroethane
Concen: 48.027 ug/l
RT: 14.097 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13

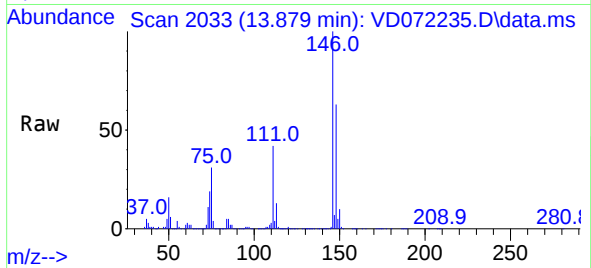
Tgt Ion:117 Resp: 201235
Ion Ratio Lower Upper
117 100
201 70.0 33.4 100.2





#91
1,2-Dichlorobenzene
Concen: 49.697 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. 0.000 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13

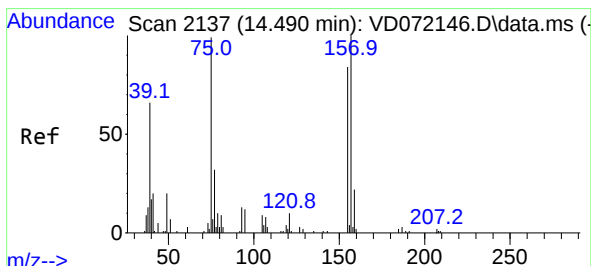
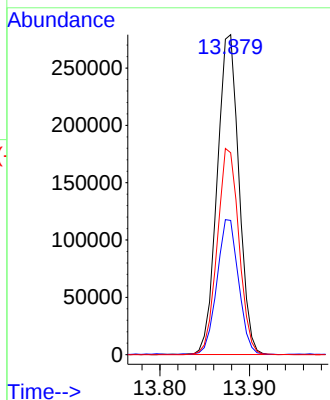
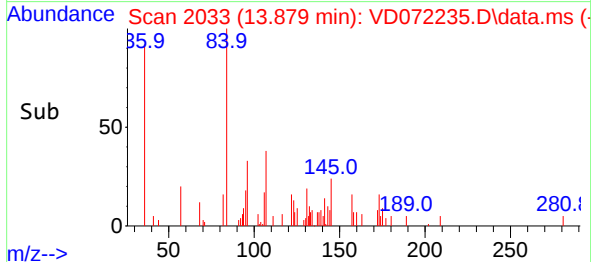
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



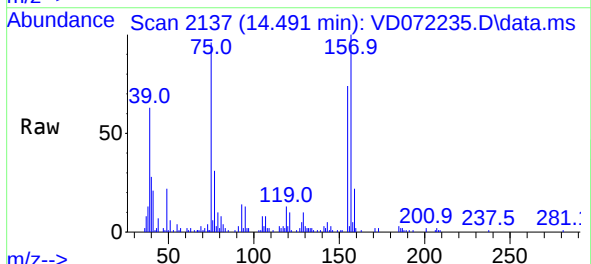
Tgt Ion:146 Resp: 469468
Ion Ratio Lower Upper
146 100
111 42.0 21.1 63.3
148 64.4 31.7 95.1

Manual Integrations
APPROVED

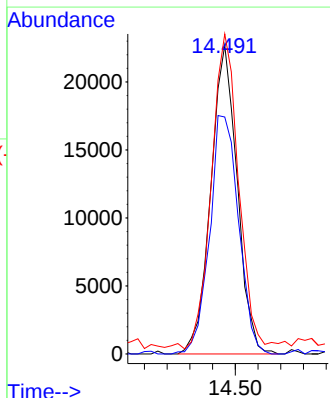
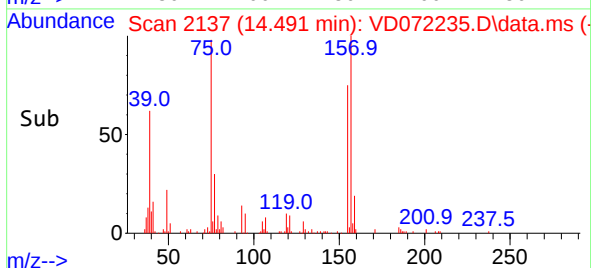
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

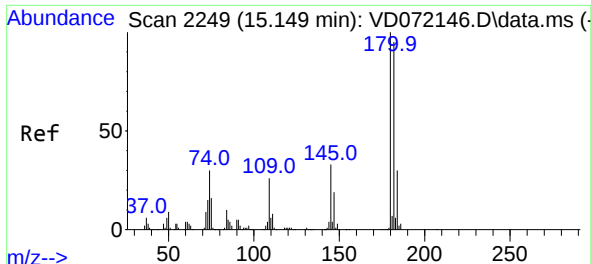


#92
1,2-Dibromo-3-Chloropropane
Concen: 55.927 ug/l
RT: 14.491 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13



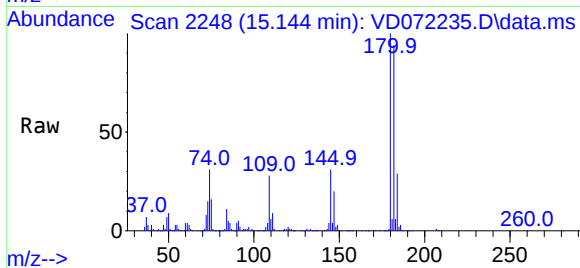
Tgt Ion: 75 Resp: 36666
Ion Ratio Lower Upper
75 100
155 84.4 36.8 110.3
157 104.7 48.4 145.0





#93
1,2,4-Trichlorobenzene
Concen: 45.232 ug/l
RT: 15.144 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13

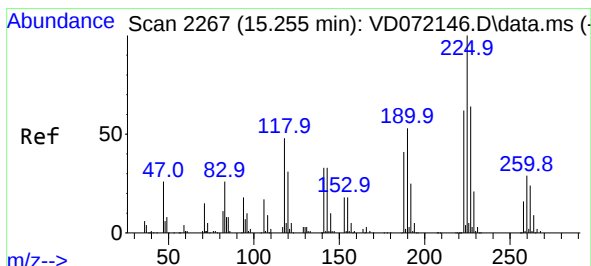
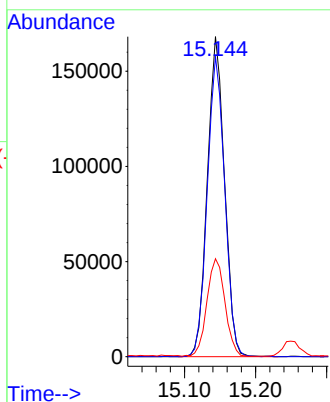
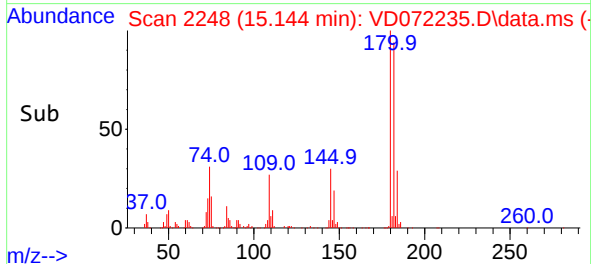
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



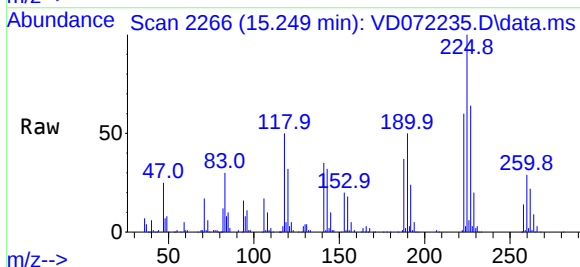
Tgt Ion:180 Resp: 282889
Ion Ratio Lower Upper
180 100
182 95.5 47.3 142.0
145 32.1 16.2 48.5

Manual Integrations
APPROVED

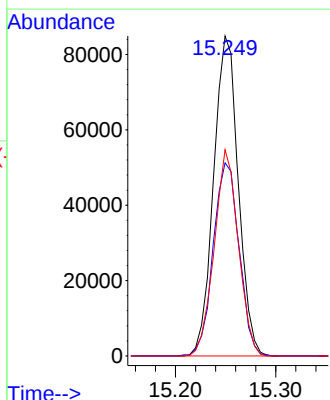
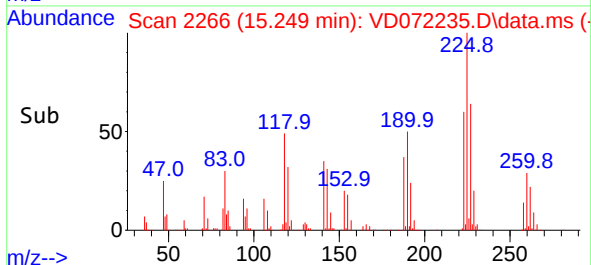
Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022

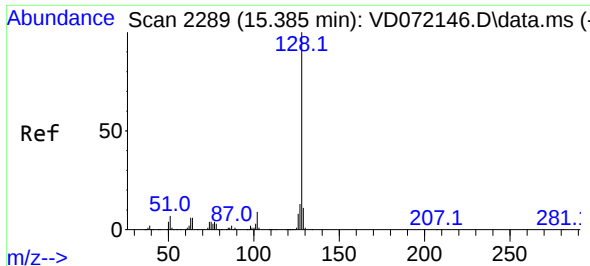


#94
Hexachlorobutadiene
Concen: 39.856 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. -0.006 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13



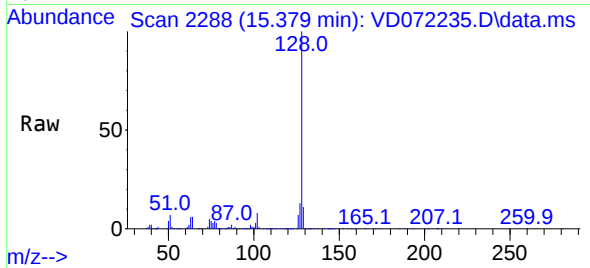
Tgt Ion:225 Resp: 144996
Ion Ratio Lower Upper
225 100
223 63.2 31.1 93.2
227 62.7 32.4 97.0





#95
Naphthalene
Concen: 55.675 ug/l
RT: 15.379 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13

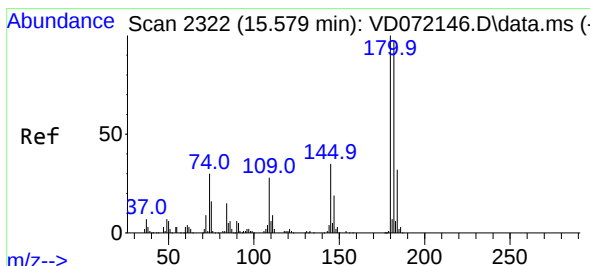
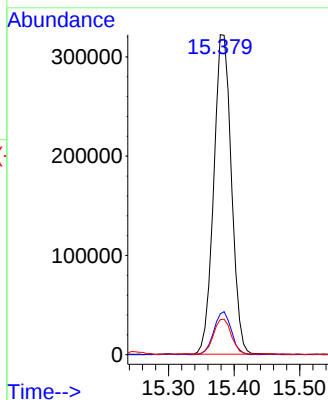
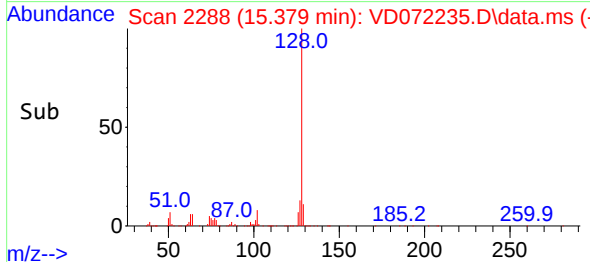
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 600229
Ion Ratio Lower Upper
128 100
127 13.4 10.3 15.5
129 11.2 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/17/2022
Supervised By :Mahesh Dadoda 03/17/2022



#96
1,2,3-Trichlorobenzene
Concen: 48.549 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.006 min
Lab File: VD072235.D
Acq: 16 Mar 2022 23:13

Tgt Ion:180 Resp: 262822
Ion Ratio Lower Upper
180 100
182 95.3 47.6 142.9
145 34.7 17.1 51.3

