

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032122\
 Data File : VD072352.D
 Acq On : 21 Mar 2022 20:52
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/22/2022
 Supervised By : Mahesh Dadoda 03/22/2022

Quant Time: Mar 22 02:14:34 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	289969	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	487156	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	464637	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	244388	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	194017	60.039	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 120.080%			
35) Dibromofluoromethane	7.914	113	178572	52.090	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.180%			
50) Toluene-d8	10.332	98	647489	51.654	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.300%			
62) 4-Bromofluorobenzene	12.620	95	250764	51.486	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.980%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	122859	45.808	ug/l	100
3) Chloromethane	2.209	50	138948	58.302	ug/l	99
4) Vinyl Chloride	2.344	62	132739	57.700	ug/l	99
5) Bromomethane	2.756	94	92353	61.650	ug/l	96
6) Chloroethane	2.915	64	94092	61.862	ug/l	98
7) Trichlorofluoromethane	3.268	101	259119	49.876	ug/l	91
8) Diethyl Ether	3.709	74	85828	59.817	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.091	101	163381	49.321	ug/l	96
10) Methyl Iodide	4.297	142	130589	44.269	ug/l	99
11) Tert butyl alcohol	5.220	59	54835	292.658	ug/l	96
12) 1,1-Dichloroethene	4.067	96	141204	52.984	ug/l	94
13) Acrolein	3.920	56	45639	272.972	ug/l	96
14) Allyl chloride	4.709	41	262728	56.385	ug/l	94
15) Acrylonitrile	5.414	53	234650	324.105	ug/l	99
16) Acetone	4.156	43	182432	260.011	ug/l	95
17) Carbon Disulfide	4.403	76	329024	52.847	ug/l	98
18) Methyl Acetate	4.709	43	109058	63.427	ug/l	95
19) Methyl tert-butyl Ether	5.473	73	439498	60.674	ug/l	96
20) Methylene Chloride	4.956	84	209027	61.693	ug/l	90
21) trans-1,2-Dichloroethene	5.473	96	171085	58.041	ug/l	94
22) Diisopropyl ether	6.362	45	648437	61.012	ug/l	93
23) Vinyl Acetate	6.303	43	1800576	331.963	ug/l	97
24) 1,1-Dichloroethane	6.261	63	359815	57.406	ug/l	100
25) 2-Butanone	7.208	43	300738	321.474	ug/l	97
26) 2,2-Dichloropropane	7.203	77	276803	48.945	ug/l	97
27) cis-1,2-Dichloroethene	7.208	96	216607	57.558	ug/l	95
28) Bromochloromethane	7.544	49	164414	65.157	ug/l	89
29) Tetrahydrofuran	7.561	42	195698	355.760	ug/l	97
30) Chloroform	7.703	83	388022	58.109	ug/l	95
31) Cyclohexane	7.979	56	261550	51.804	ug/l	92
32) 1,1,1-Trichloroethane	7.903	97	316848	53.426	ug/l	97
36) 1,1-Dichloropropene	8.108	75	245621	51.073	ug/l	97
37) Ethyl Acetate	7.285	43	138478	65.734	ug/l	97
38) Carbon Tetrachloride	8.097	117	269042	49.214	ug/l	96
39) Methylcyclohexane	9.350	83	273249	50.491	ug/l	98
40) Benzene	8.350	78	759737	55.374	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	81973	66.759	ug/l	93
42) 1,2-Dichloroethane	8.420	62	249553	59.959	ug/l	98
43) Isopropyl Acetate	8.450	43	256524	62.736	ug/l #	95
44) Trichloroethene	9.108	130	197457	51.264	ug/l	97
45) 1,2-Dichloropropane	9.385	63	216089	57.428	ug/l	96
46) Dibromomethane	9.467	93	112724	60.901	ug/l	94
47) Bromodichloromethane	9.655	83	308281	57.132	ug/l	97
48) Methyl methacrylate	9.450	41	120144	61.536	ug/l #	82
49) 1,4-Dioxane	9.461	88	27697	1247.838	ug/l	98
51) 4-Methyl-2-Pentanone	10.220	43	715434	333.133	ug/l	96
52) Toluene	10.397	92	496158	54.956	ug/l	96
53) t-1,3-Dichloropropene	10.614	75	279308	56.655	ug/l	96
54) cis-1,3-Dichloropropene	10.085	75	319493	56.060	ug/l	94
55) 1,1,2-Trichloroethane	10.791	97	167547	59.422	ug/l	96
56) Ethyl methacrylate	10.655	69	210413	63.711	ug/l	90
57) 1,3-Dichloropropane	10.938	76	281105	59.402	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	438052	294.995	ug/l	98
59) 2-Hexanone	10.979	43	482523	325.308	ug/l	95
60) Dibromochloromethane	11.132	129	208424	56.965	ug/l	99
61) 1,2-Dibromoethane	11.238	107	151805	59.581	ug/l	97
64) Tetrachloroethene	10.873	164	163223	49.858	ug/l	99
65) Chlorobenzene	11.661	112	550767	53.468	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	214291	52.608	ug/l	99
67) Ethyl Benzene	11.738	91	966212	52.518	ug/l	98
68) m/p-Xylenes	11.844	106	751088	107.514	ug/l	99
69) o-Xylene	12.173	106	358754	53.688	ug/l	96
70) Styrene	12.185	104	632544	54.210	ug/l	99
71) Bromoform	12.349	173	125078	57.483	ug/l #	99
73) Isopropylbenzene	12.473	105	964194	49.787	ug/l	100
74) N-amyl acetate	12.279	43	254879	61.241	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	202864	58.569	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	128597m	47.702	ug/l	
77) Bromobenzene	12.749	156	226644	51.995	ug/l	95
78) n-propylbenzene	12.808	91	1190550	50.611	ug/l	99
79) 2-Chlorotoluene	12.896	91	690717	50.779	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	818248	49.180	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.520	75	60534	55.713	ug/l	91
82) 4-Chlorotoluene	12.996	91	717230	50.924	ug/l	100
83) tert-Butylbenzene	13.214	119	715389	49.044	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	816362	49.798	ug/l	99
85) sec-Butylbenzene	13.391	105	1061833	48.474	ug/l	99
86) p-Isopropyltoluene	13.502	119	882516	48.960	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	460389	50.396	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	455363	50.267	ug/l	99
89) n-Butylbenzene	13.832	91	829154	48.260	ug/l	100
90) Hexachloroethane	14.096	117	171479	48.539	ug/l	96
91) 1,2-Dichlorobenzene	13.879	146	411043	51.607	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.490	75	32270	58.378	ug/l	92
93) 1,2,4-Trichlorobenzene	15.143	180	247750	46.983	ug/l	98
94) Hexachlorobutadiene	15.249	225	134580	43.874	ug/l	97
95) Naphthalene	15.385	128	505028	55.559	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	229320	50.241	ug/l	100

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Instrument :
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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

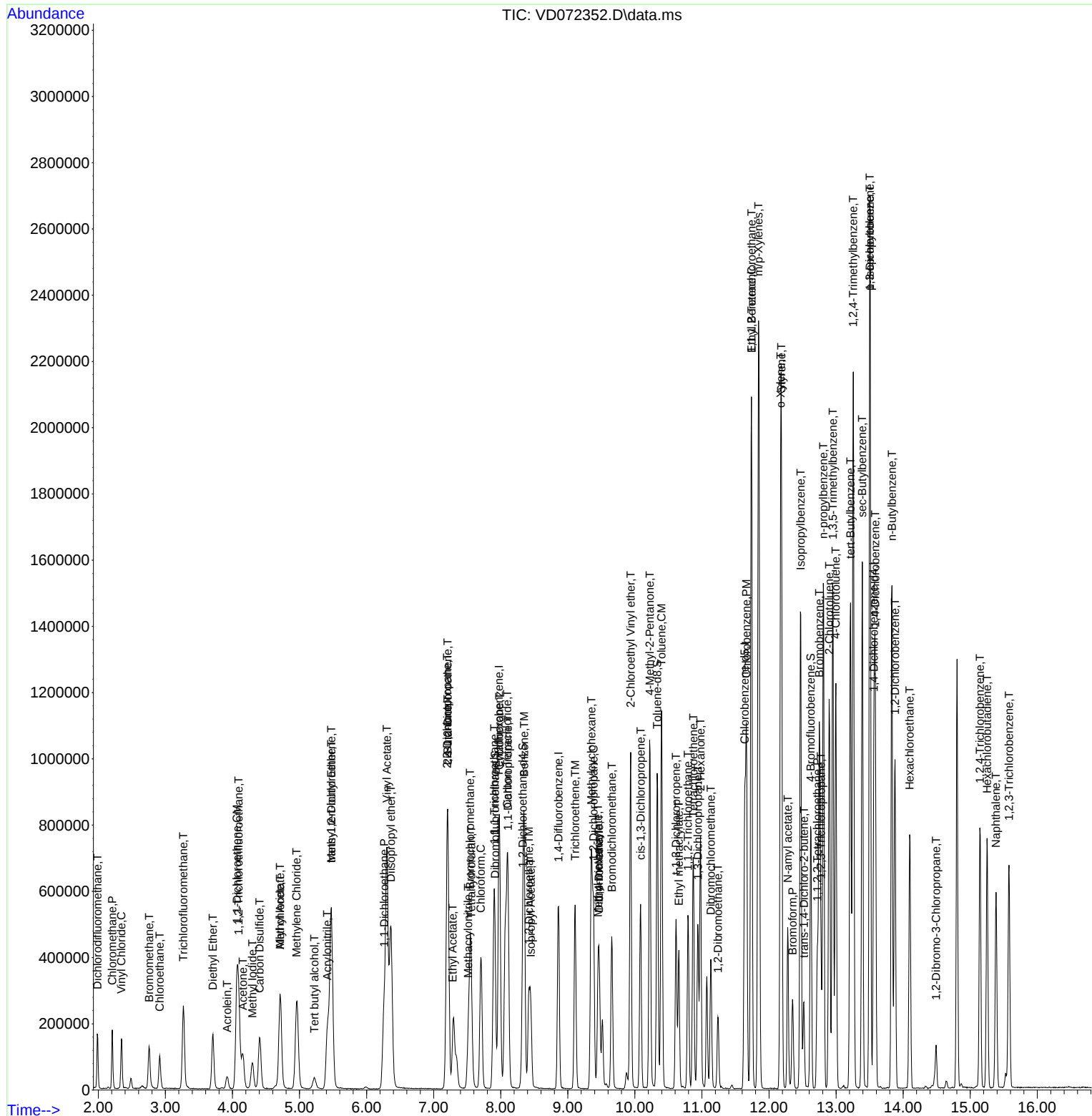
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Acq On : 21 Mar 2022 20:52
Operator : VA/SY
Sample : VSTDCCC050
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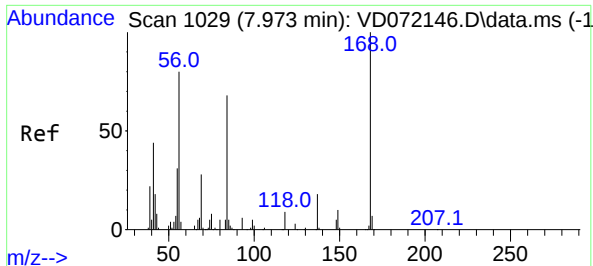
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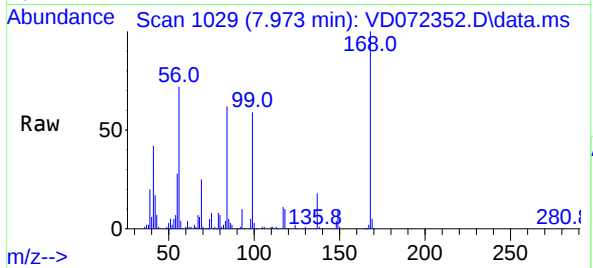
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD072352.D
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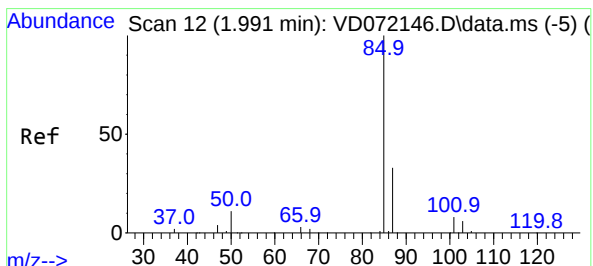
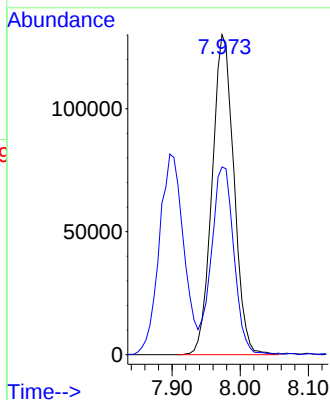
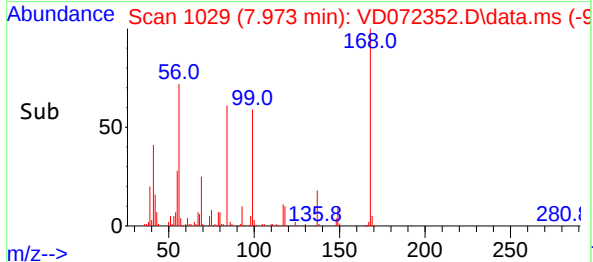
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



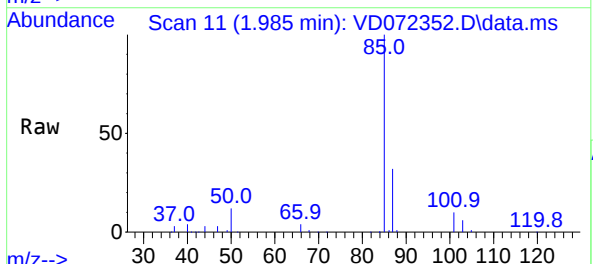
Tgt Ion:168 Resp: 289969
Ion Ratio Lower Upper
168 100
99 58.1 49.8 74.6

Manual Integrations
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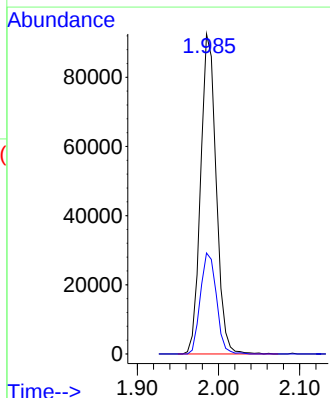
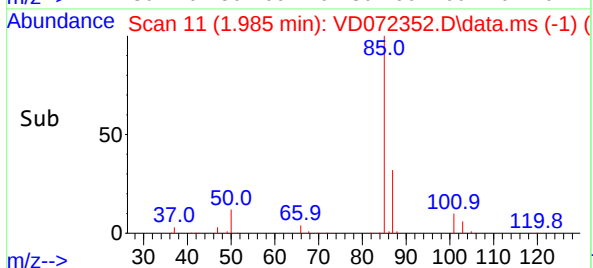
Reviewed By :John Carlone 03/22/2022
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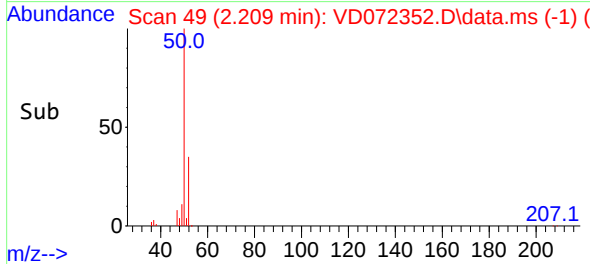
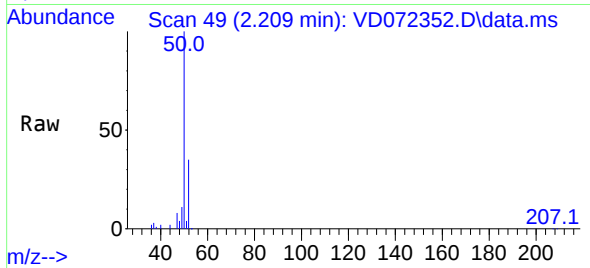
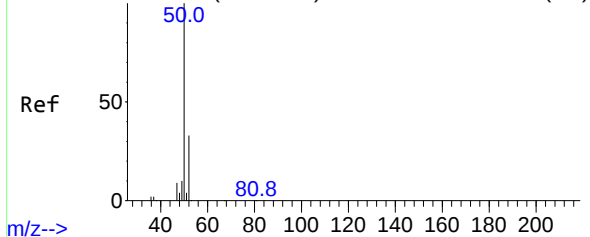
#2
Dichlorodifluoromethane
Concen: 45.808 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52



Tgt Ion: 85 Resp: 122859
Ion Ratio Lower Upper
85 100
87 31.5 15.7 47.0



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



#3

Chloromethane

Concen: 58.302 ug/l

RT: 2.209 min Scan# 49

Delta R.T. 0.000 min

Lab File: VD072352.D

Acq: 21 Mar 2022 20:52

Tgt Ion: 50 Resp: 138948

Ion Ratio Lower Upper

50 100

52 34.8 27.4 41.0

Instrument :

MSVOA_D

ClientSampleId :

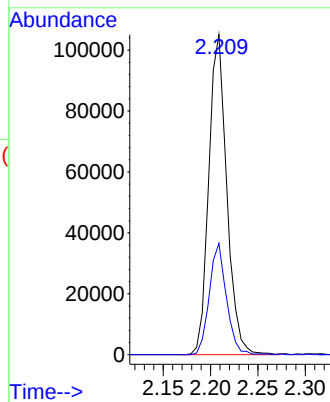
VSTDCCC050EC

Manual Integrations

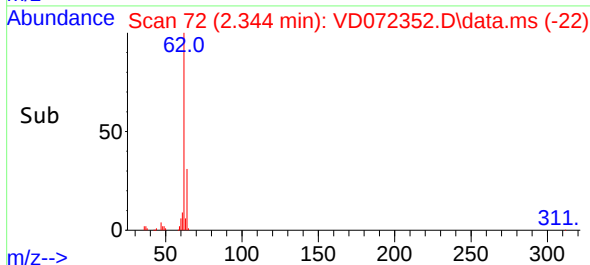
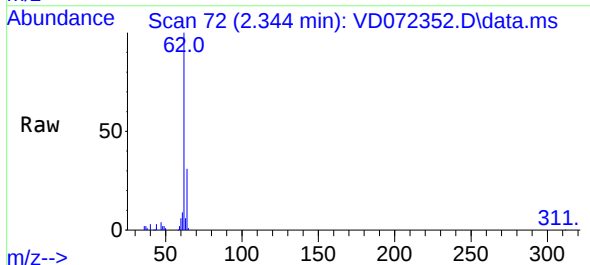
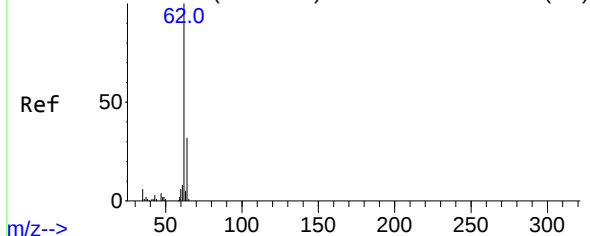
APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 03/22/2022



Abundance Scan 73 (2.350 min): VD072146.D\data.ms (-66)



#4

Vinyl Chloride

Concen: 57.700 ug/l

RT: 2.344 min Scan# 72

Delta R.T. -0.006 min

Lab File: VD072352.D

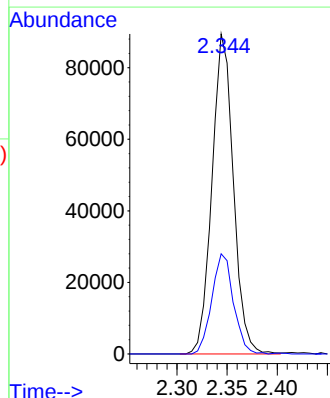
Acq: 21 Mar 2022 20:52

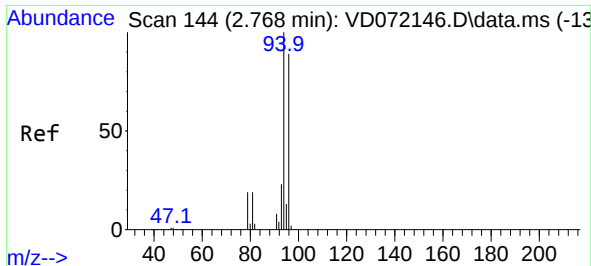
Tgt Ion: 62 Resp: 132739

Ion Ratio Lower Upper

62 100

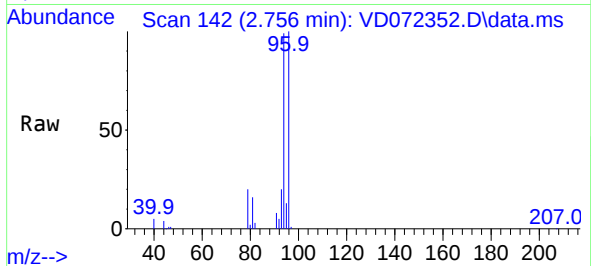
64 31.3 25.4 38.0





#5
Bromomethane
Concen: 61.650 ug/l
RT: 2.756 min Scan# 144
Delta R.T. -0.012 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52

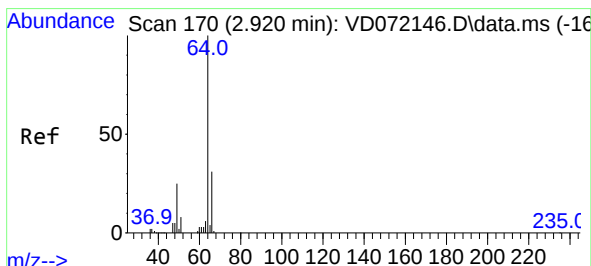
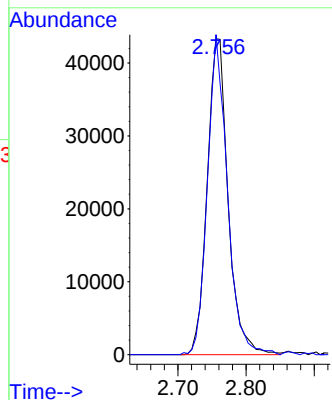
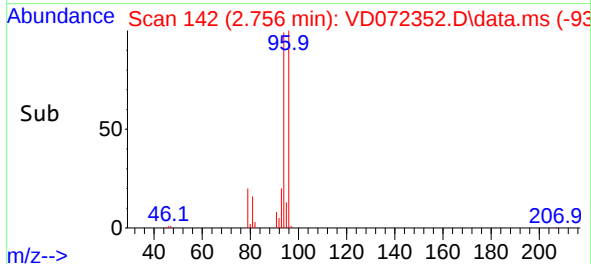
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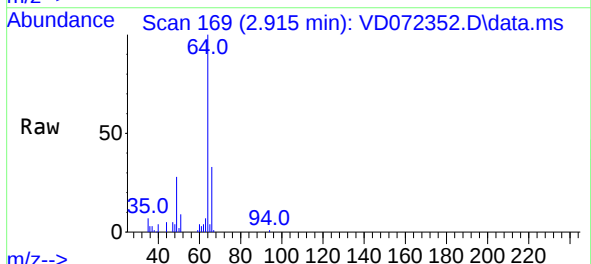
Tgt Ion: 94 Resp: 9235
Ion Ratio Lower Upper
94 100
96 101.3 77.6 116.4

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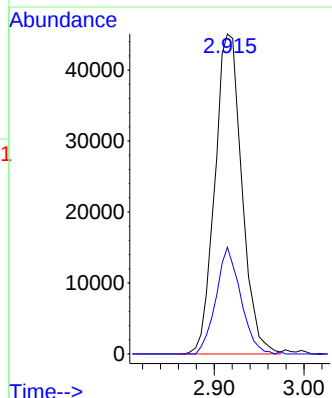
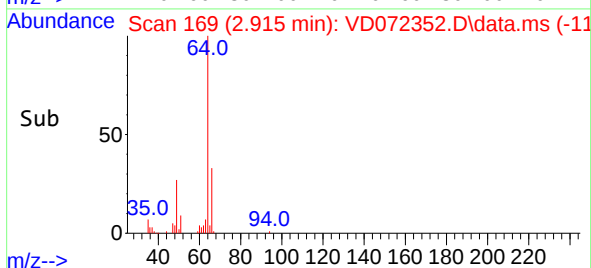
Reviewed By :John Carlone 03/22/2022
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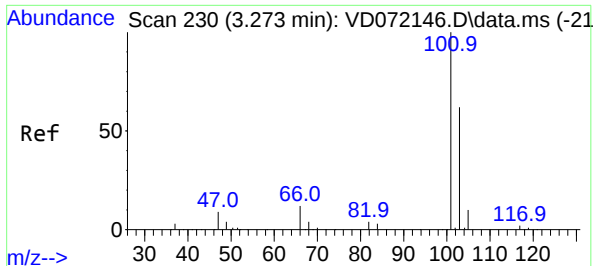


#6
Chloroethane
Concen: 61.862 ug/l
RT: 2.915 min Scan# 169
Delta R.T. -0.006 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52



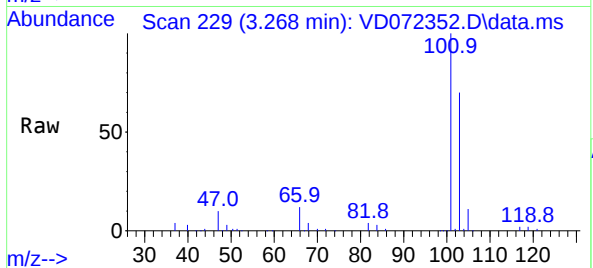
Tgt Ion: 64 Resp: 94092
Ion Ratio Lower Upper
64 100
66 33.3 25.9 38.9





#7
Trichlorofluoromethane
Concen: 49.876 ug/l
RT: 3.268 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52

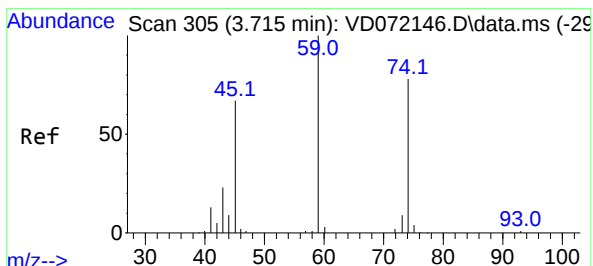
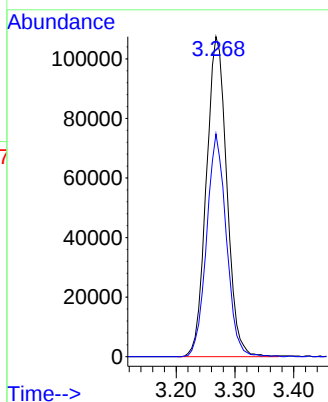
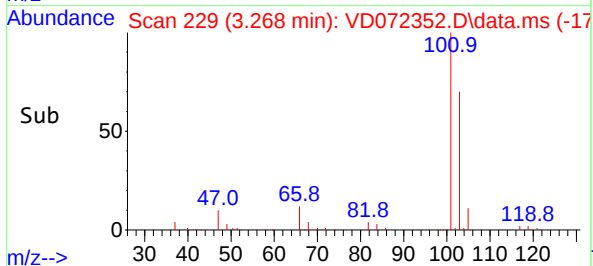
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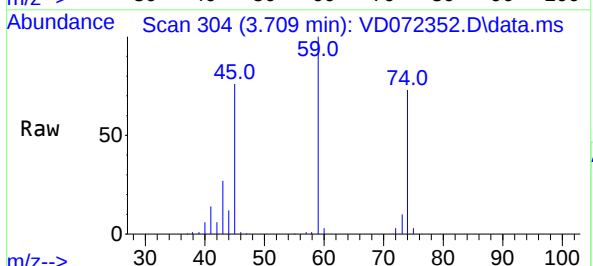
Tgt Ion:101 Resp: 259119
Ion Ratio Lower Upper
101 100
103 69.6 50.1 75.1

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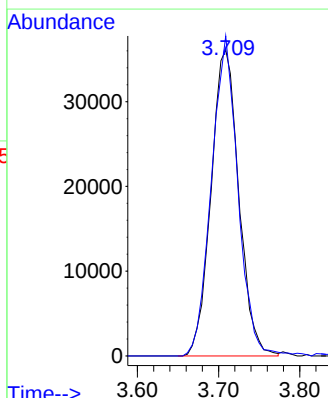
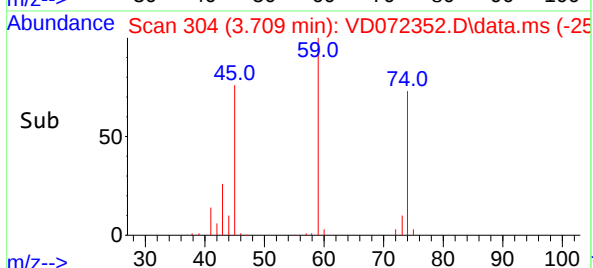
Reviewed By :John Carlone 03/22/2022
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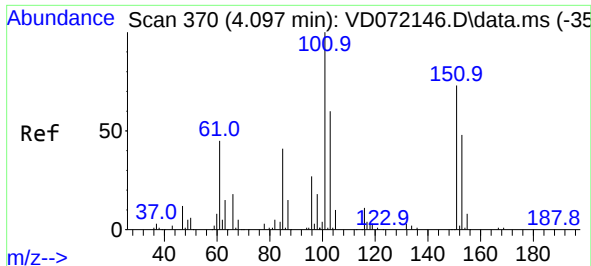


#8
Diethyl Ether
Concen: 59.817 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.006 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52



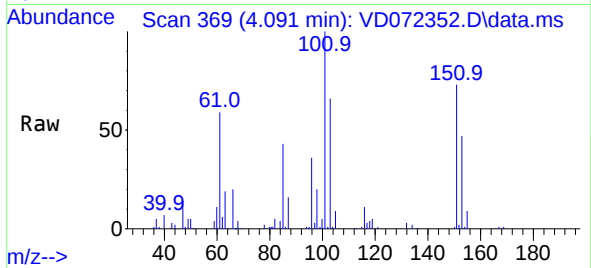
Tgt Ion: 74 Resp: 85828
Ion Ratio Lower Upper
74 100
45 100.0 52.6 157.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.321 ug/l
RT: 4.091 min Scan# 30
Delta R.T. -0.006 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52

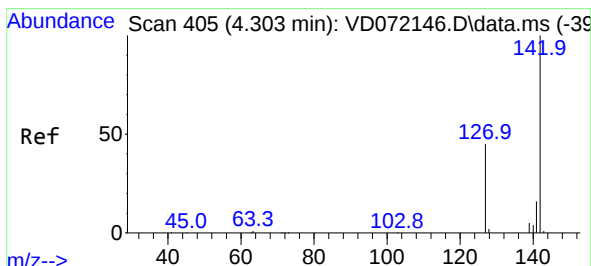
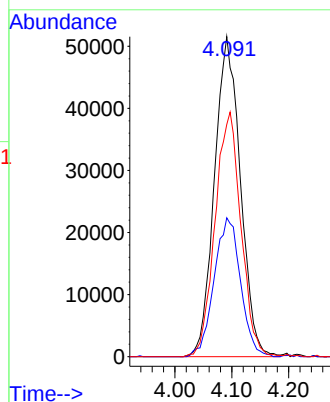
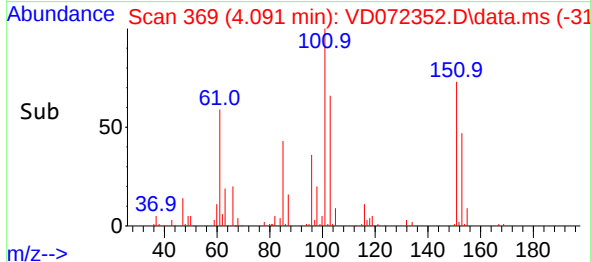
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



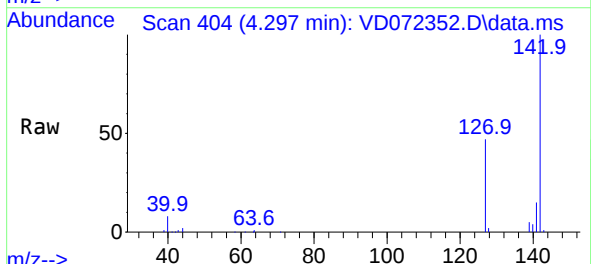
Tgt Ion:101 Resp: 16338
Ion Ratio Lower Upper
101 100
85 44.2 36.4 54.6
151 76.3 57.3 85.9

Manual Integrations
APPROVED

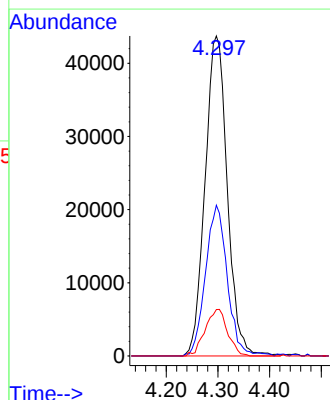
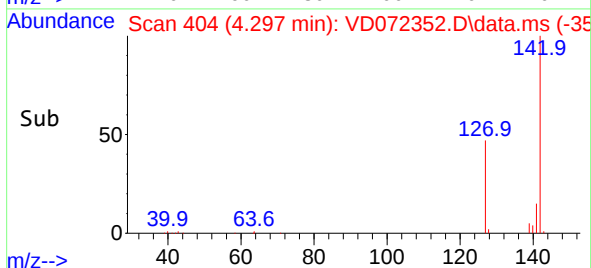
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

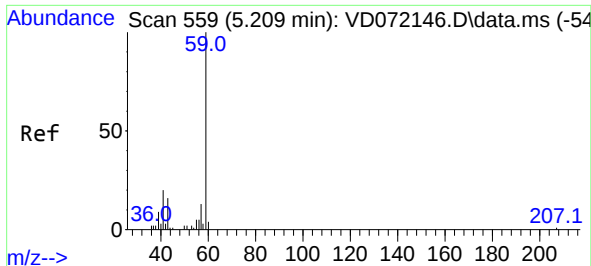


#10
Methyl Iodide
Concen: 44.269 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52



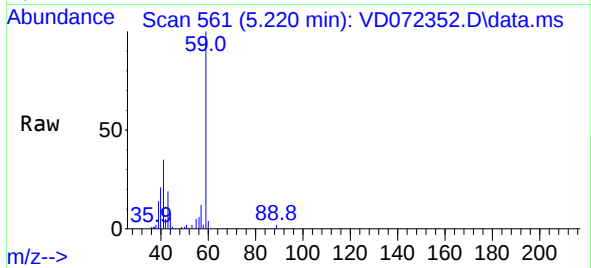
Tgt Ion:142 Resp: 130589
Ion Ratio Lower Upper
142 100
127 45.8 37.3 55.9
141 14.7 11.7 17.5





#11
Tert butyl alcohol
Concen: 292.658 ug/l
RT: 5.220 min Scan# 509
Delta R.T. 0.012 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52

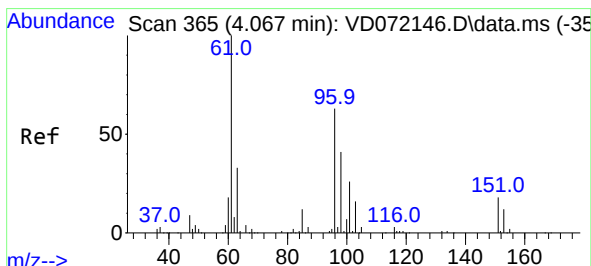
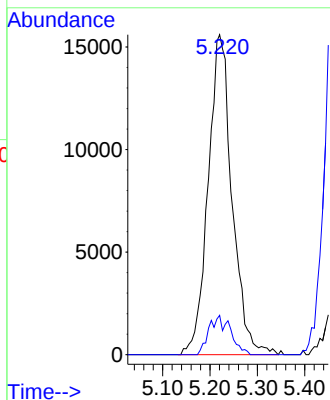
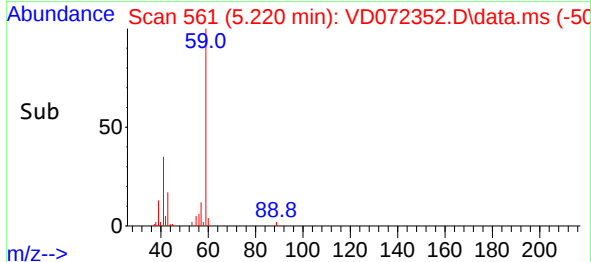
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



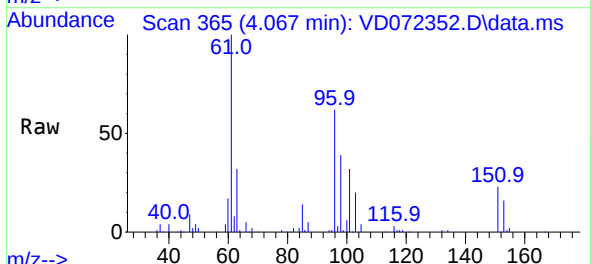
Tgt Ion: 59 Resp: 5483
Ion Ratio Lower Upper
59 100
57 11.0 7.8 11.6

Manual Integrations
APPROVED

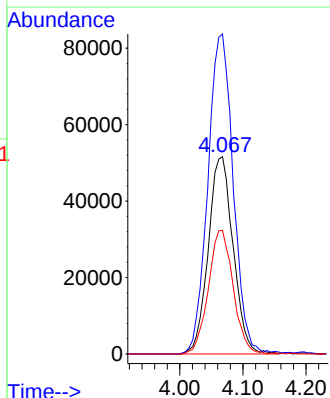
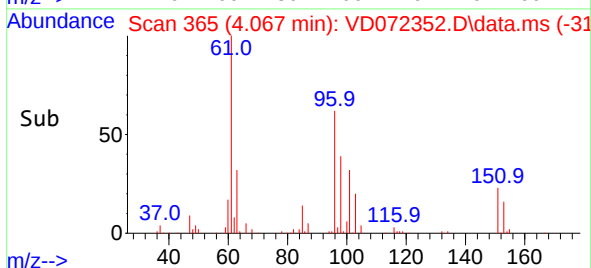
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#12
1,1-Dichloroethene
Concen: 52.984 ug/l
RT: 4.067 min Scan# 365
Delta R.T. 0.000 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52



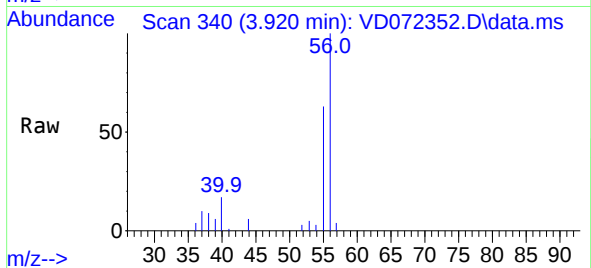
Tgt Ion: 96 Resp: 141204
Ion Ratio Lower Upper
96 100
61 162.2 138.5 207.7
98 62.7 48.6 73.0





#13
Acrolein
Concen: 272.972 ug/l
RT: 3.920 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52

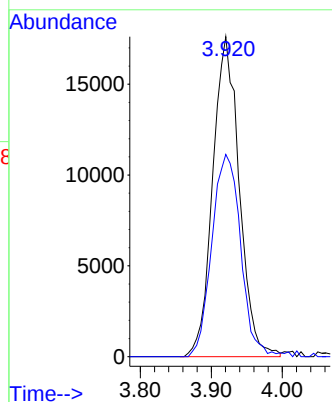
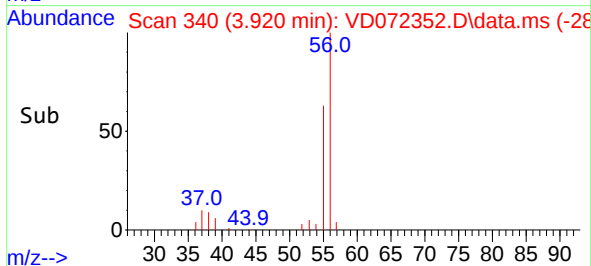
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



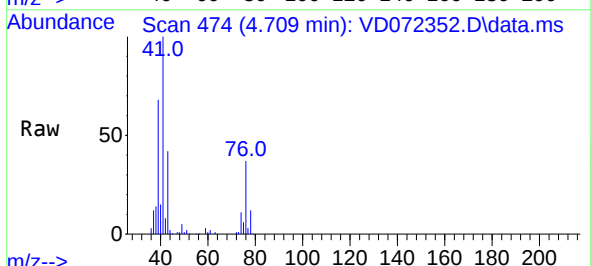
Tgt Ion: 56 Resp: 45639
Ion Ratio Lower Upper
56 100
55 68.5 57.1 85.7

Manual Integrations
APPROVED

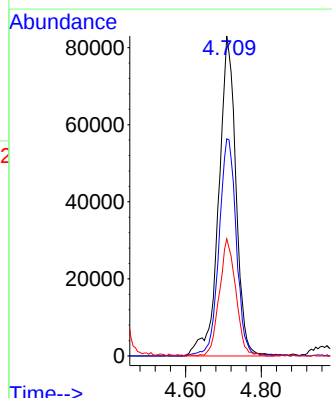
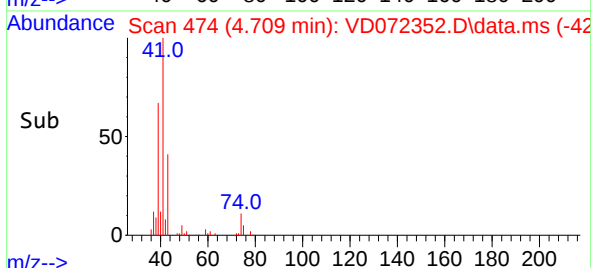
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#14
Allyl chloride
Concen: 56.385 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52



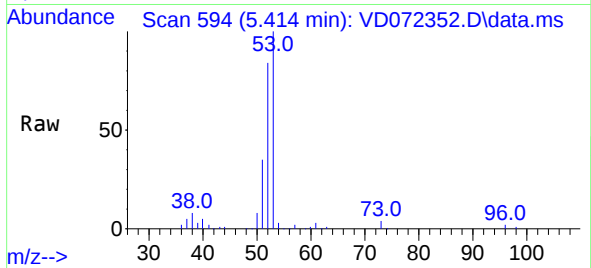
Tgt Ion: 41 Resp: 262728
Ion Ratio Lower Upper
41 100
39 68.1 59.3 88.9
76 34.9 25.7 38.5





#15
Acrylonitrile
Concen: 324.105 ug/l
RT: 5.414 min Scan# 594
Delta R.T. -0.006 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52

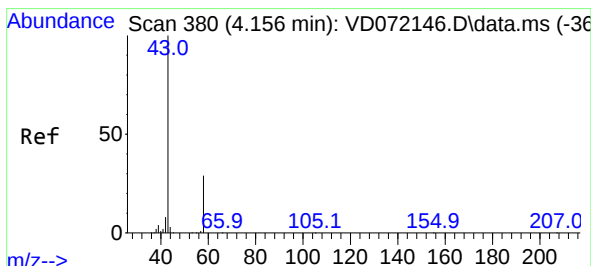
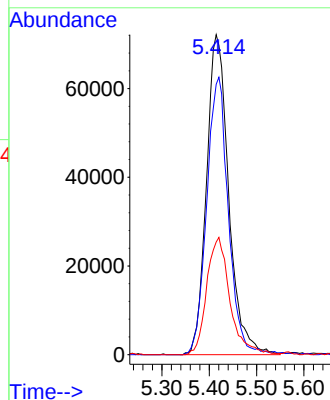
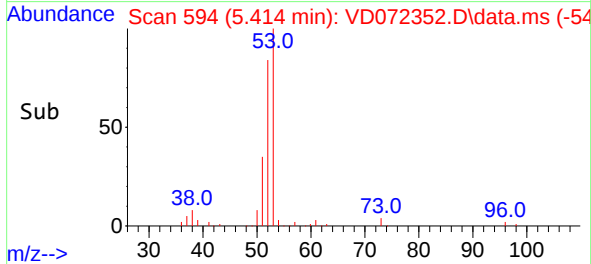
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



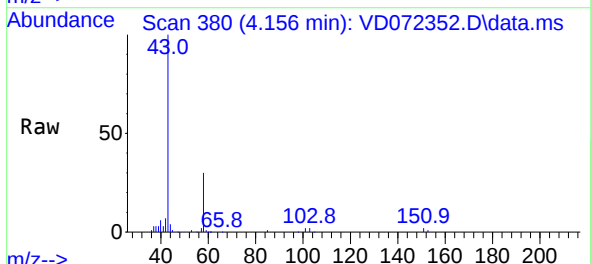
Tgt Ion: 53 Resp: 234650
Ion Ratio Lower Upper
53 100
52 85.0 67.2 100.8
51 38.4 30.3 45.5

Manual Integrations
APPROVED

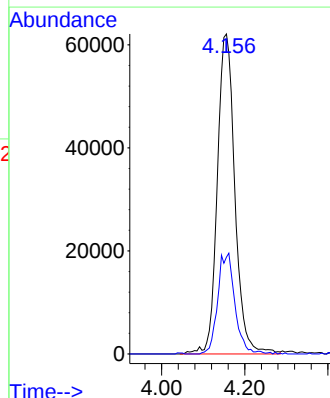
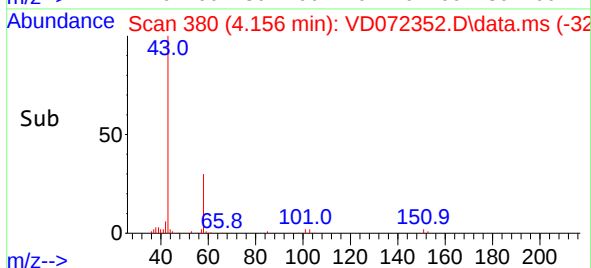
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#16
Acetone
Concen: 260.011 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52



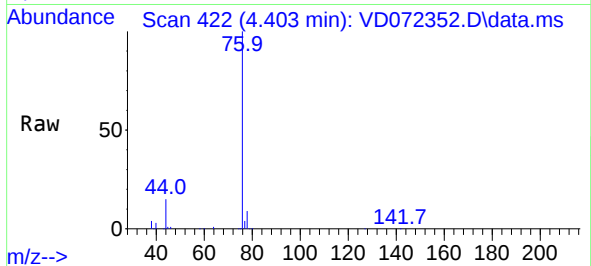
Tgt Ion: 43 Resp: 182432
Ion Ratio Lower Upper
43 100
58 30.0 22.1 33.1





#17
Carbon Disulfide
Concen: 52.847 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52

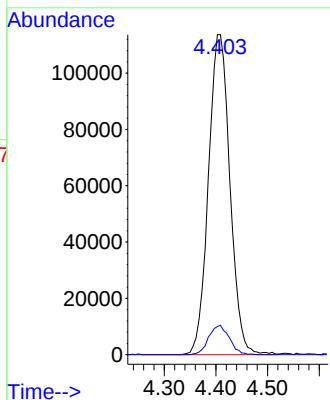
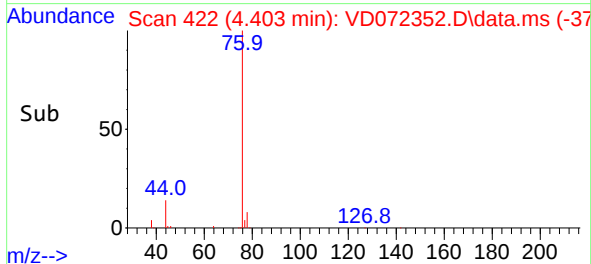
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



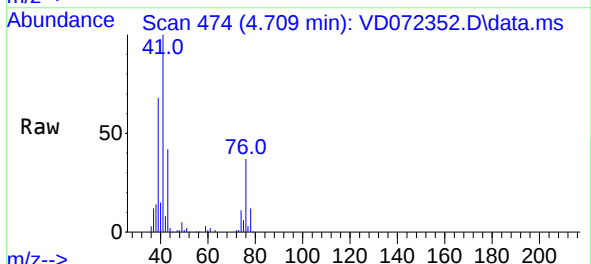
Tgt Ion: 76 Resp: 329024
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3

Manual Integrations
APPROVED

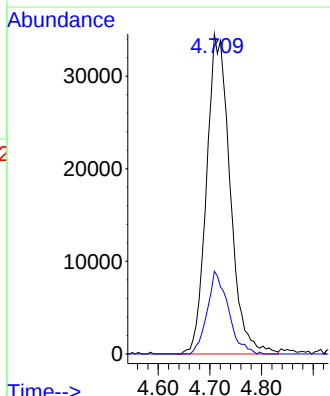
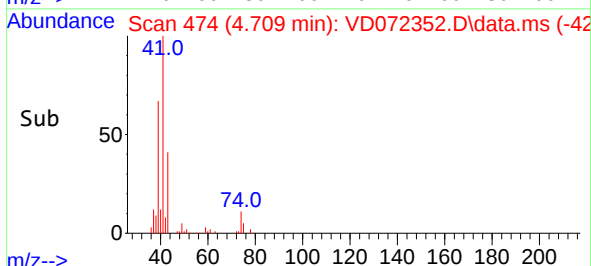
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

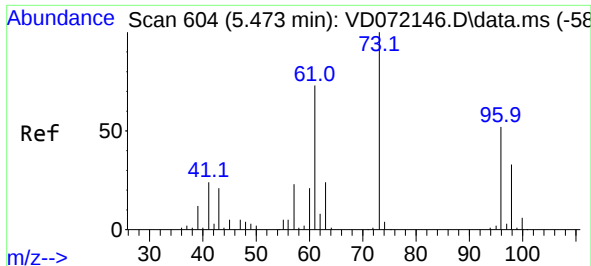


#18
Methyl Acetate
Concen: 63.427 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52



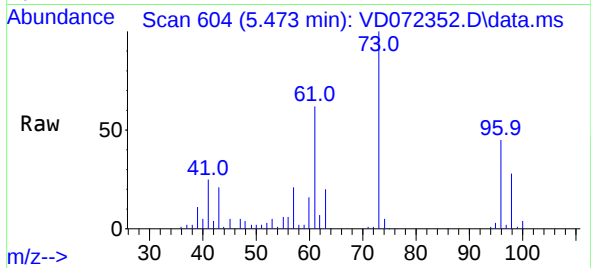
Tgt Ion: 43 Resp: 109058
Ion Ratio Lower Upper
43 100
74 23.2 16.7 25.1





#19
Methyl tert-butyl Ether
Concen: 60.674 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52

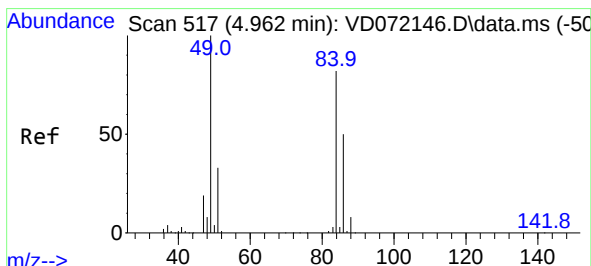
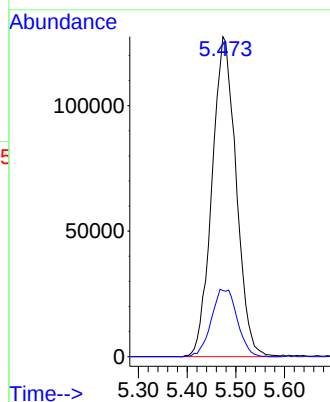
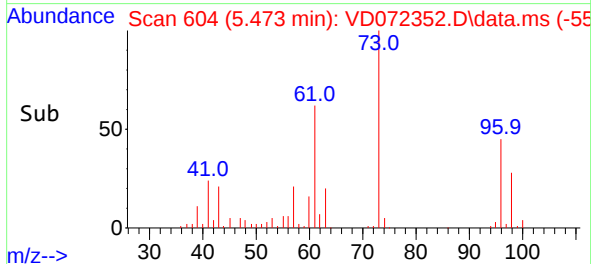
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



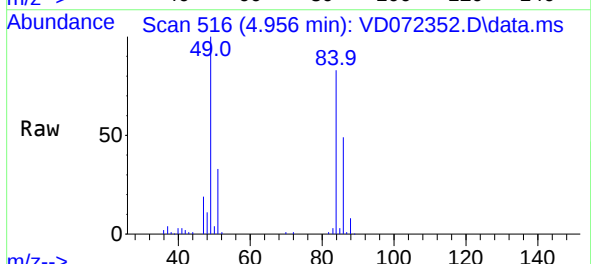
Tgt Ion: 73 Resp: 439498
Ion Ratio Lower Upper
73 100
57 20.7 18.0 27.0

Manual Integrations
APPROVED

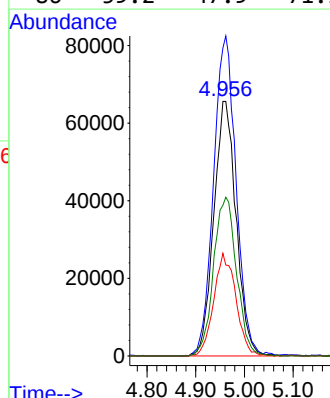
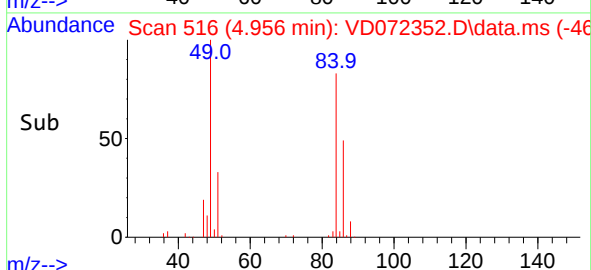
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

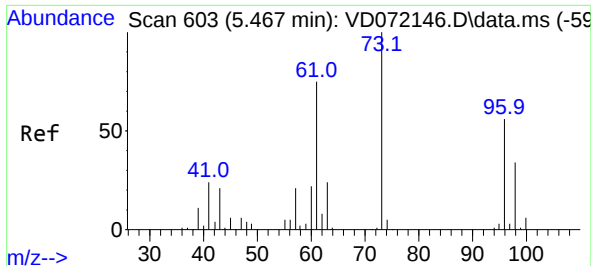


#20
Methylene Chloride
Concen: 61.693 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52



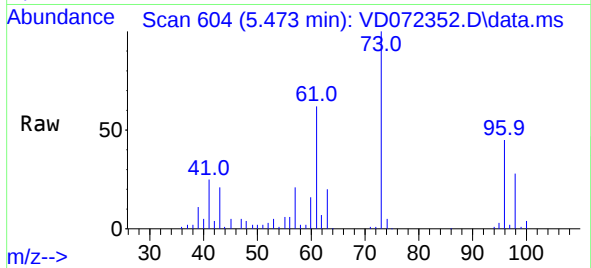
Tgt Ion: 84 Resp: 209027
Ion Ratio Lower Upper
84 100
49 121.0 112.8 169.2
51 40.3 32.6 48.8
86 59.2 47.9 71.9





#21
trans-1,2-Dichloroethene
Concen: 58.041 ug/l
RT: 5.473 min Scan# 603
Delta R.T. 0.006 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52

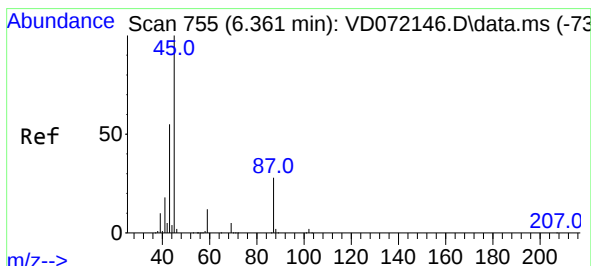
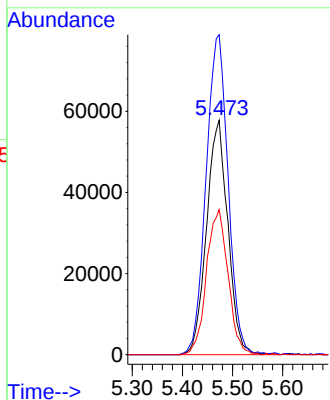
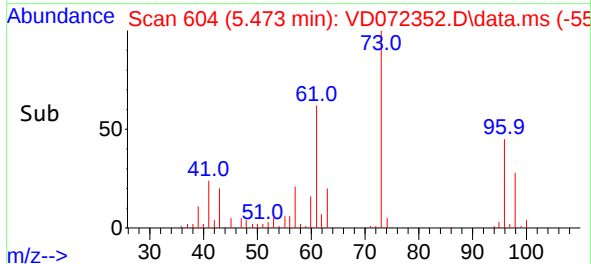
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



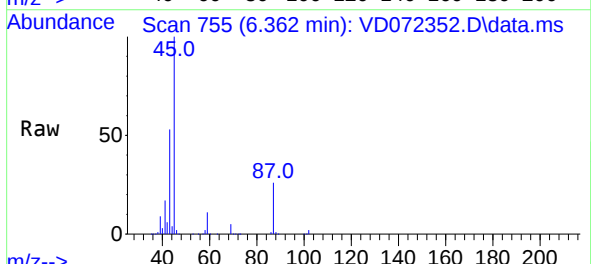
Tgt Ion: 96 Resp: 171085
Ion Ratio Lower Upper
96 100
61 136.5 117.9 176.9
98 61.8 49.4 74.2

Manual Integrations
APPROVED

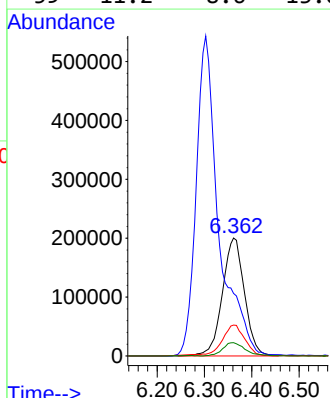
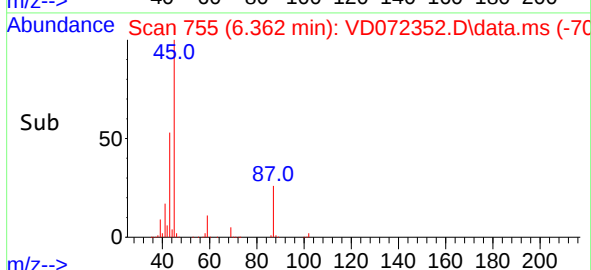
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#22
Diisopropyl ether
Concen: 61.012 ug/l
RT: 6.362 min Scan# 755
Delta R.T. 0.000 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52



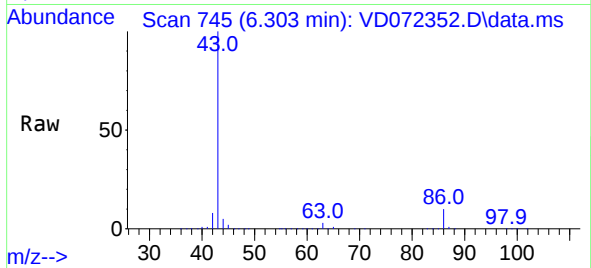
Tgt Ion: 45 Resp: 648437
Ion Ratio Lower Upper
45 100
43 51.9 46.6 70.0
87 26.0 18.4 27.6
59 11.2 8.6 13.0





#23
 Vinyl Acetate
 Concen: 331.963 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. 0.000 min
 Lab File: VD072352.D
 Acq: 21 Mar 2022 20:52

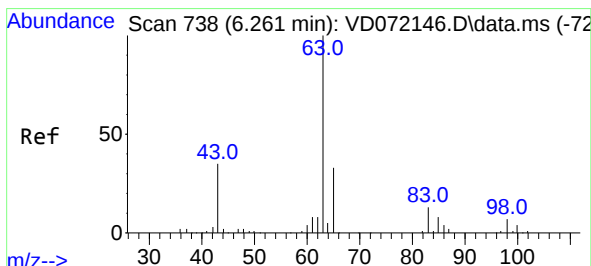
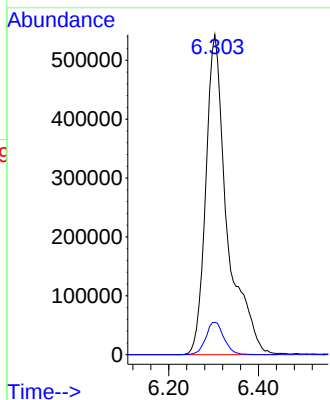
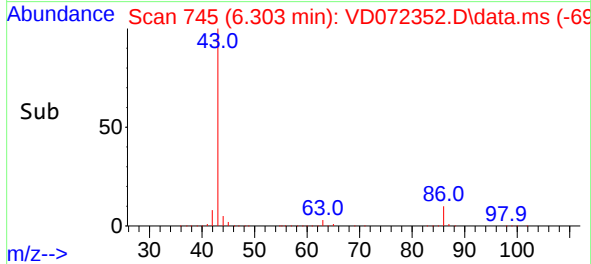
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



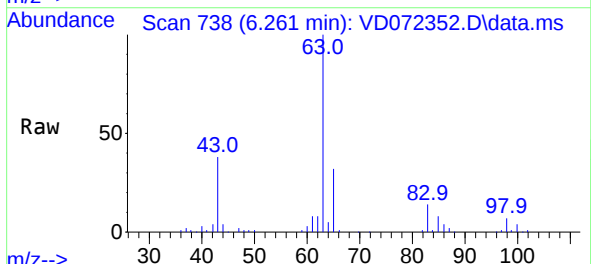
Tgt Ion: 43 Resp: 1800570
 Ion Ratio Lower Upper
 43 100
 86 10.1 7.1 10.7

Manual Integrations
 APPROVED

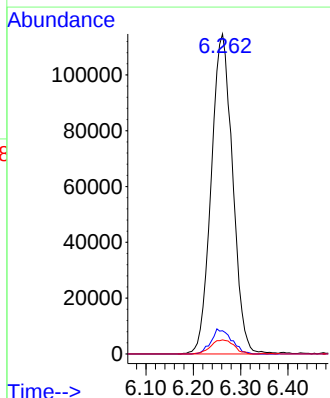
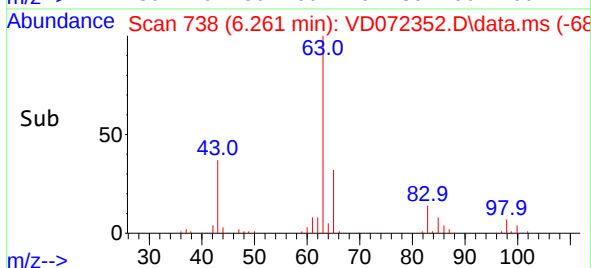
Reviewed By :John Carlone 03/22/2022
 Supervised By :Mahesh Dadoda 03/22/2022

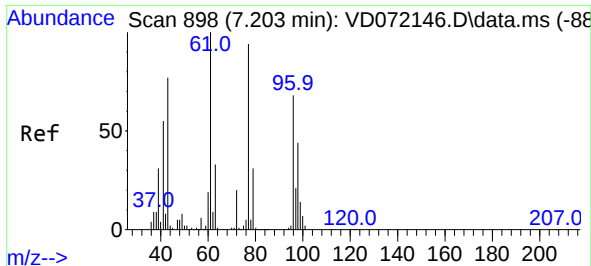


#24
 1,1-Dichloroethane
 Concen: 57.406 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD072352.D
 Acq: 21 Mar 2022 20:52



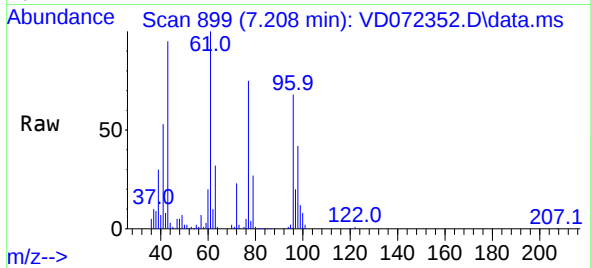
Tgt Ion: 63 Resp: 359815
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.9
 100 4.4 2.1 6.5





#25
2-Butanone
Concen: 321.474 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52

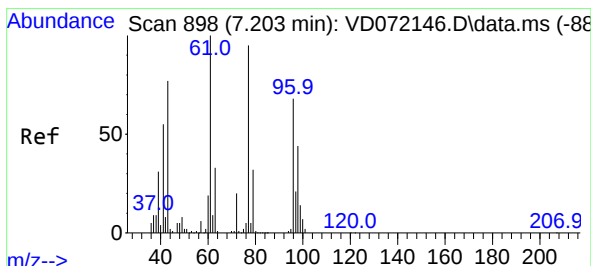
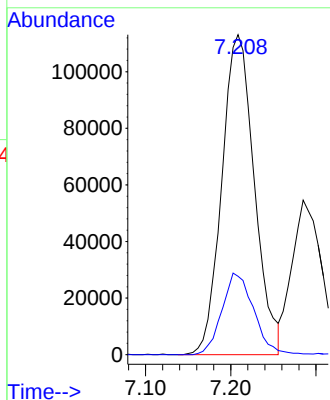
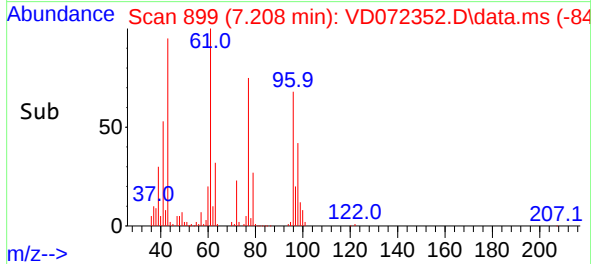
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



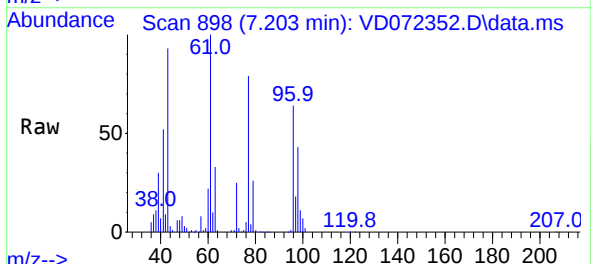
Tgt Ion: 43 Resp: 300738
Ion Ratio Lower Upper
43 100
72 24.5 18.6 27.8

Manual Integrations
APPROVED

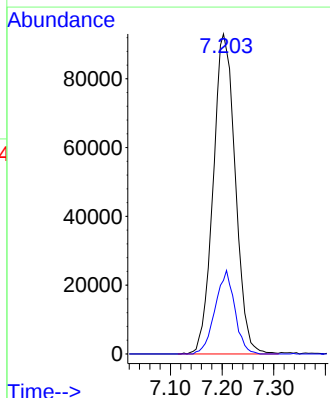
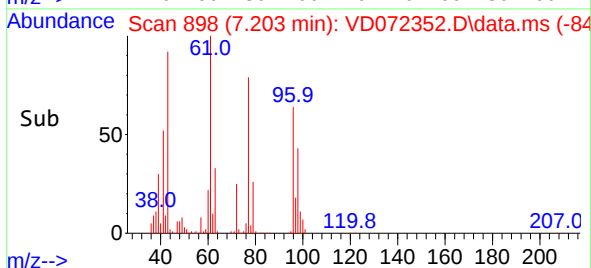
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

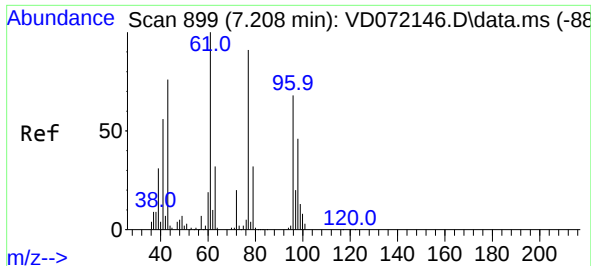


#26
2,2-Dichloropropane
Concen: 48.945 ug/l
RT: 7.203 min Scan# 898
Delta R.T. 0.000 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52



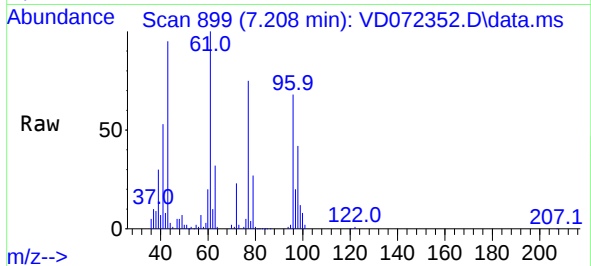
Tgt Ion: 77 Resp: 276803
Ion Ratio Lower Upper
77 100
97 23.1 10.8 32.4





#27
cis-1,2-Dichloroethene
Concen: 57.558 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52

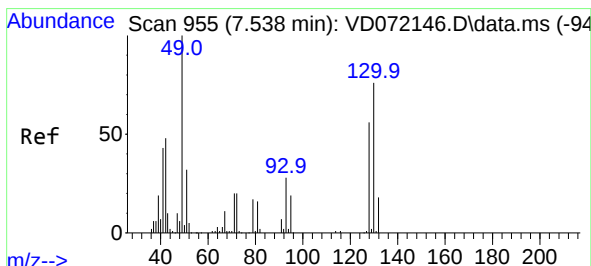
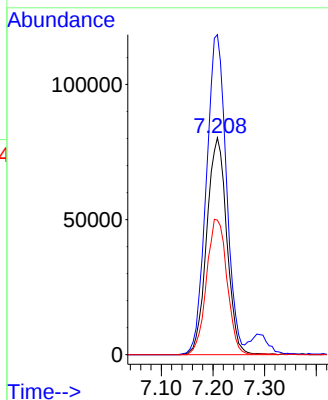
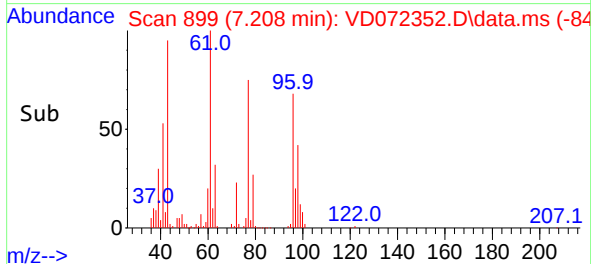
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 21660
Ion Ratio Lower Upper
96 100
61 147.3 0.0 313.8
98 63.8 0.0 128.8

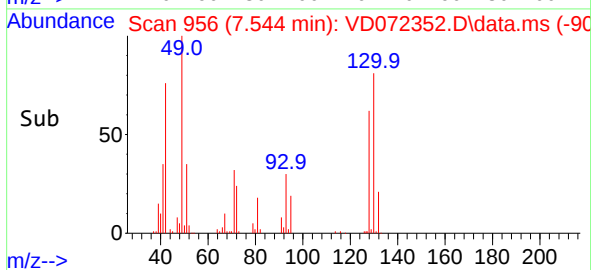
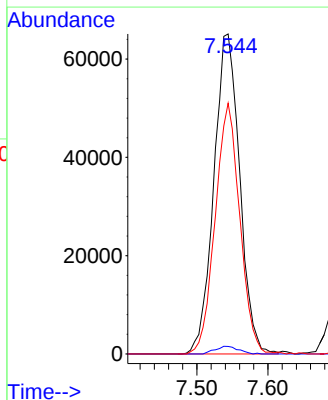
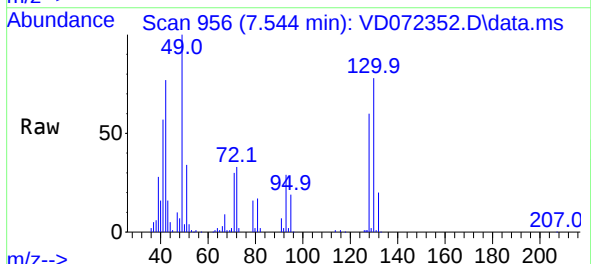
Manual Integrations
APPROVED

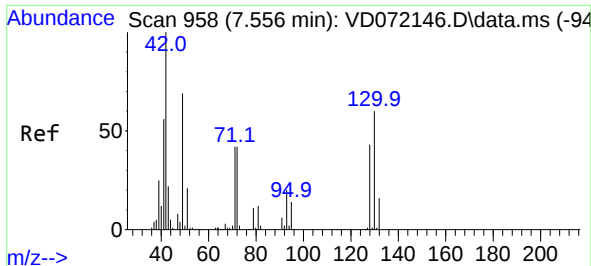
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#28
Bromochloromethane
Concen: 65.157 ug/l
RT: 7.544 min Scan# 956
Delta R.T. 0.006 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52

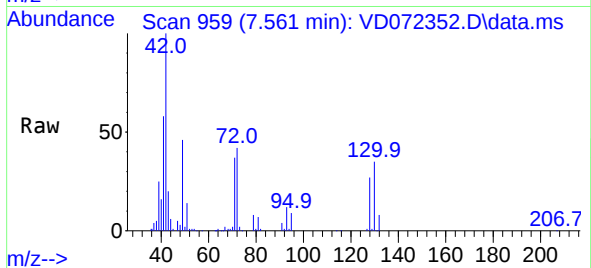
Tgt Ion: 49 Resp: 164414
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.0
130 74.5 52.6 79.0





#29
Tetrahydrofuran
Concen: 355.760 ug/l
RT: 7.561 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52

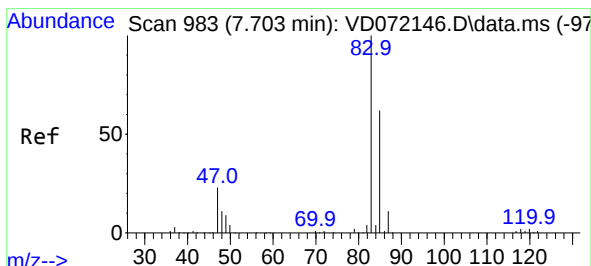
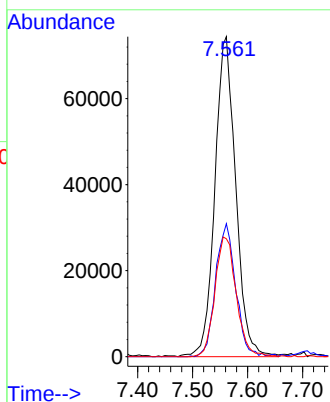
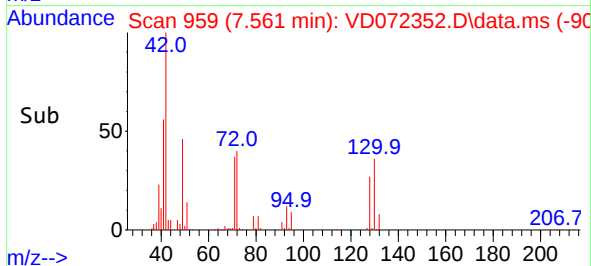
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



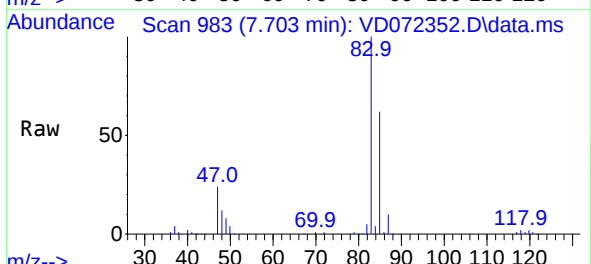
Tgt Ion: 42 Resp: 195698
Ion Ratio Lower Upper
42 100
72 40.1 30.7 46.1
71 38.3 28.6 43.0

Manual Integrations
APPROVED

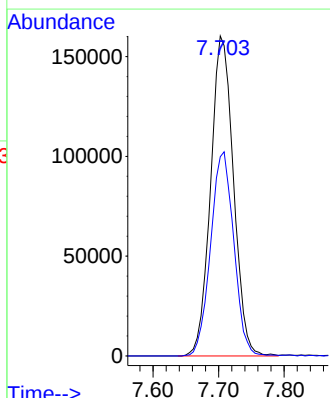
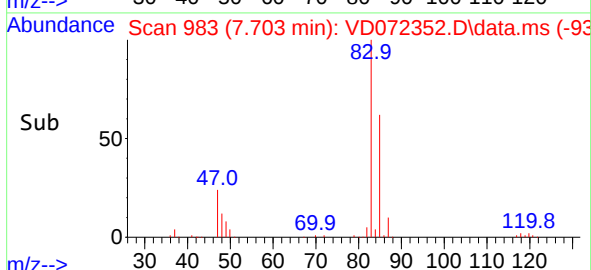
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

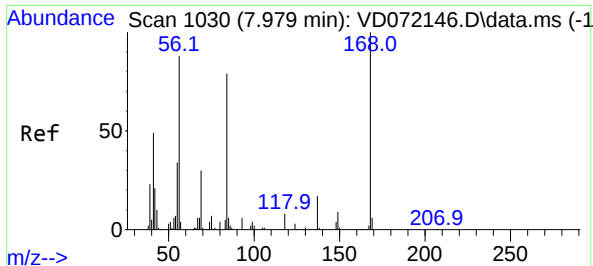


#30
Chloroform
Concen: 58.109 ug/l
RT: 7.703 min Scan# 983
Delta R.T. 0.000 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52



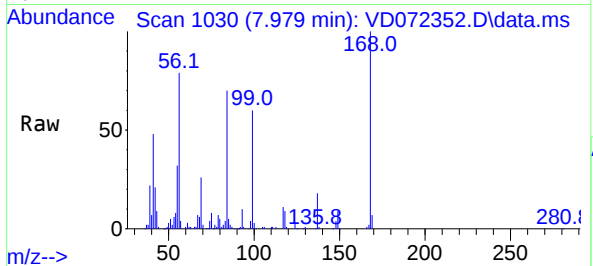
Tgt Ion: 83 Resp: 388022
Ion Ratio Lower Upper
83 100
85 62.3 52.7 79.1





#31
Cyclohexane
Concen: 51.804 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52

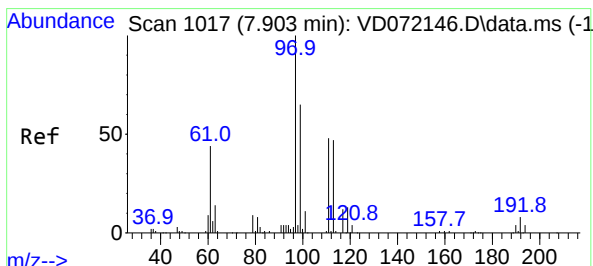
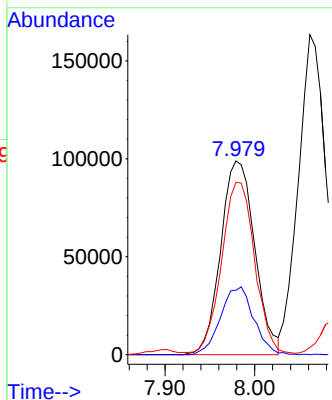
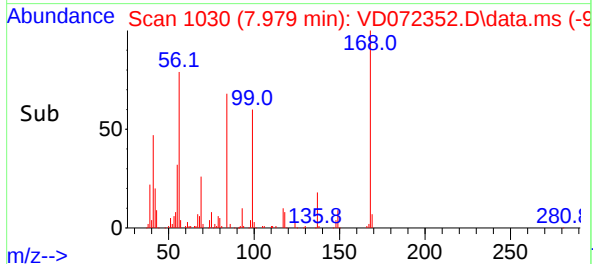
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



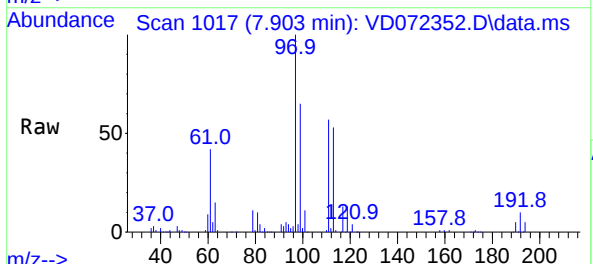
Tgt Ion: 56 Resp: 261550
Ion Ratio Lower Upper
56 100
69 33.3 25.4 38.2
84 87.8 63.0 94.4

Manual Integrations
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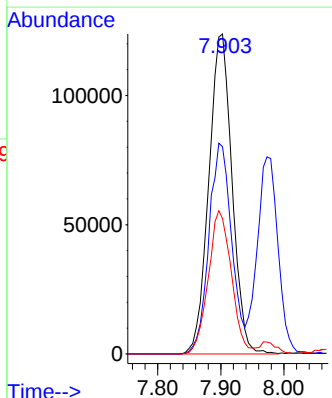
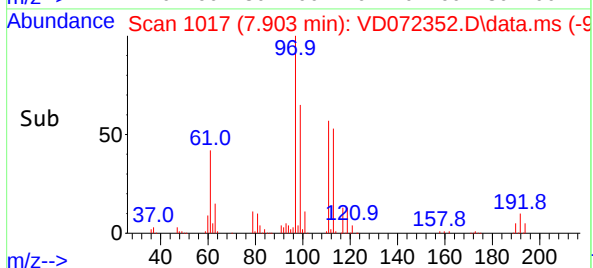
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#32
1,1,1-Trichloroethane
Concen: 53.426 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. 0.000 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52



Tgt Ion: 97 Resp: 316848
Ion Ratio Lower Upper
97 100
99 64.6 52.4 78.6
61 44.4 38.0 57.0





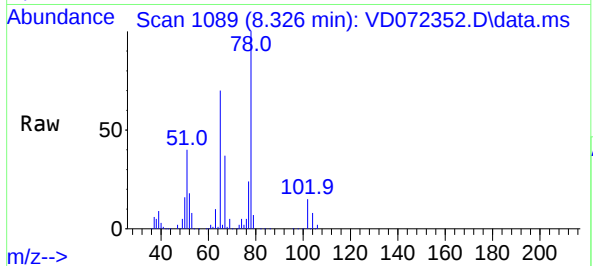
#33
1,2-Dichloroethane-d4
Concen: 60.039 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

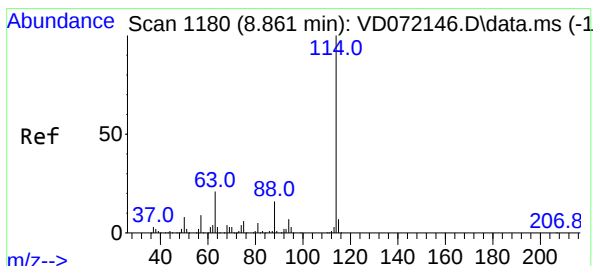
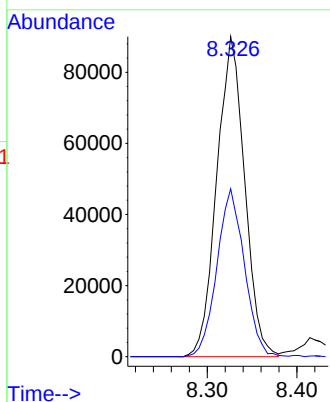
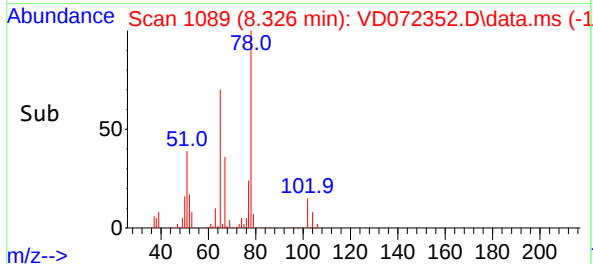


Tgt Ion: 65 Resp: 19401
Ion Ratio Lower Upper
65 100
67 51.7 0.0 101.4

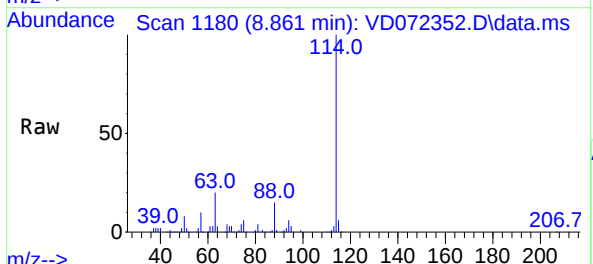
Manual Integrations

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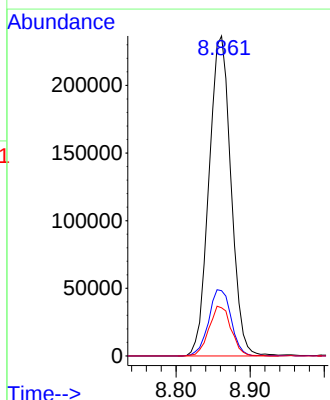
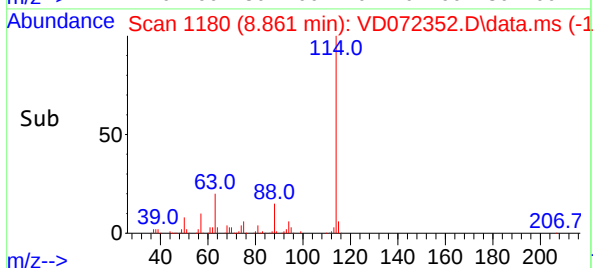
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52



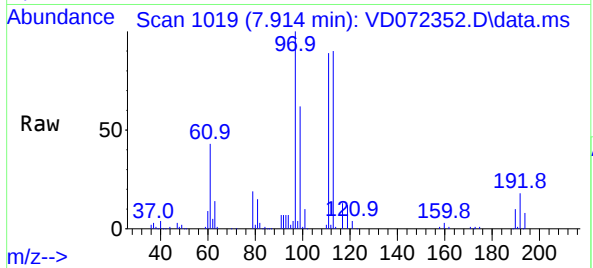
Tgt Ion:114 Resp: 487156
Ion Ratio Lower Upper
114 100
63 20.4 0.0 46.6
88 15.1 0.0 33.2





#35
Dibromofluoromethane
Concen: 52.090 ug/l
RT: 7.914 min Scan# 1018
Delta R.T. 0.006 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52

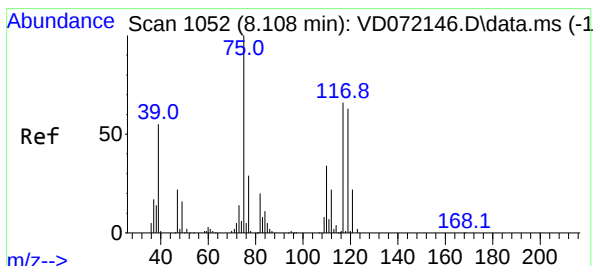
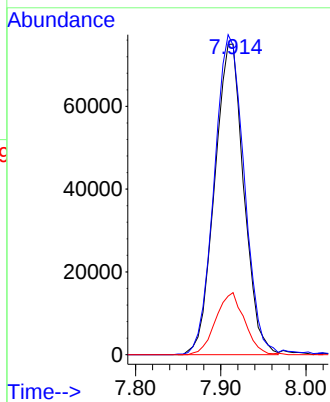
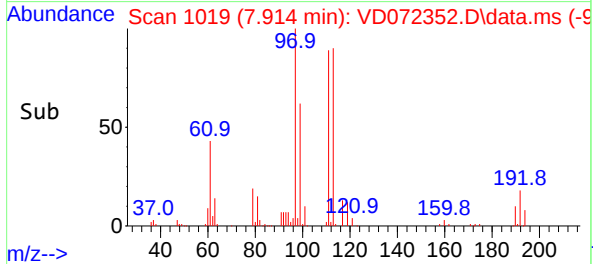
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:113 Resp: 178572
Ion Ratio Lower Upper
113 100
111 106.6 83.8 125.6
192 19.7 14.6 21.8

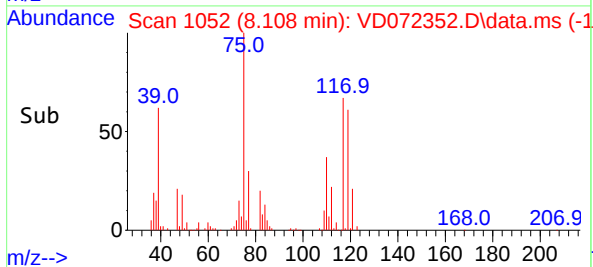
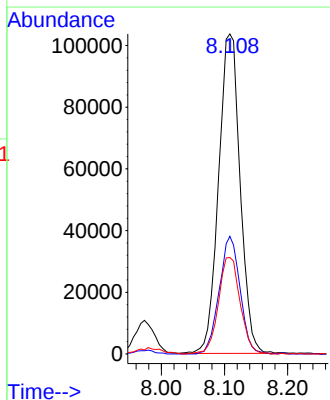
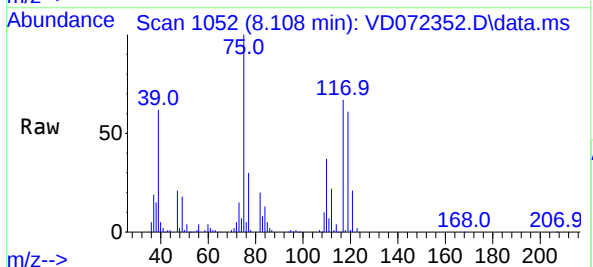
Manual Integrations
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Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#36
1,1-Dichloropropene
Concen: 51.073 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52

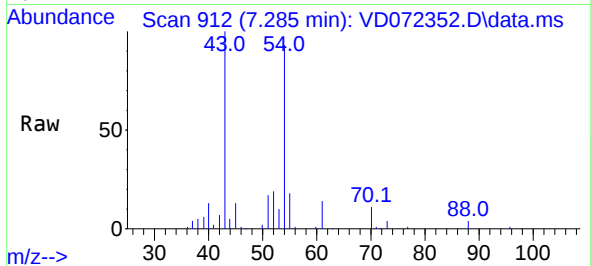
Tgt Ion: 75 Resp: 245621
Ion Ratio Lower Upper
75 100
110 35.5 16.4 49.1
77 30.5 24.2 36.2





#37
Ethyl Acetate
Concen: 65.734 ug/l
RT: 7.285 min Scan# 912
Delta R.T. 0.000 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52

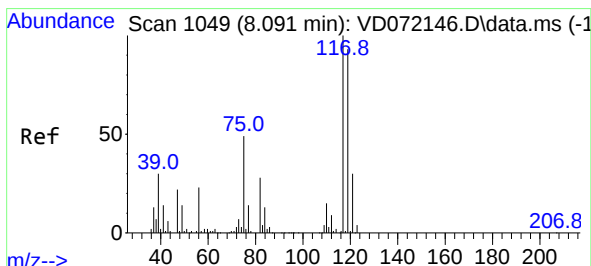
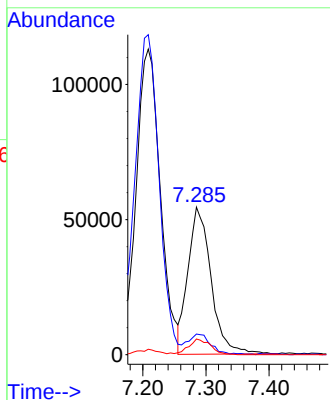
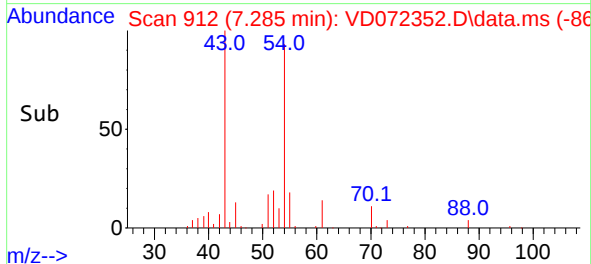
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



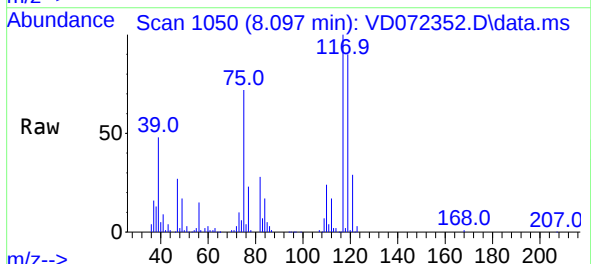
Tgt Ion: 43 Resp: 138478
Ion Ratio Lower Upper
43 100
61 13.3 9.8 14.8
70 10.1 6.9 10.3

Manual Integrations
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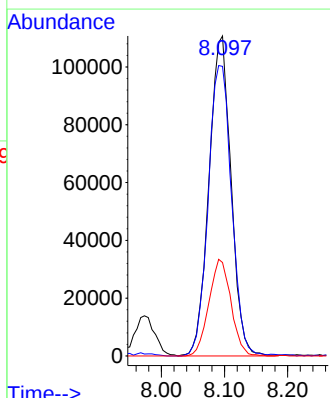
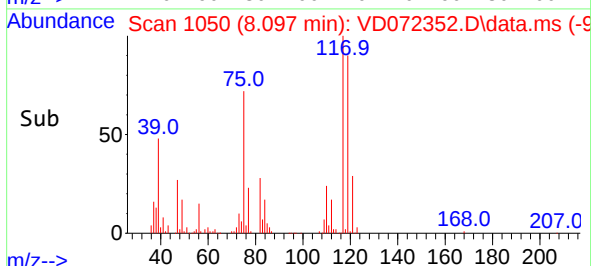
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#38
Carbon Tetrachloride
Concen: 49.214 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. 0.006 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52



Tgt Ion:117 Resp: 269042
Ion Ratio Lower Upper
117 100
119 90.5 75.8 113.6
121 29.2 24.5 36.7





#39

Methylcyclohexane

Concen: 50.491 ug/l

RT: 9.350 min Scan# 1093

Delta R.T. 0.000 min

Lab File: VD072352.D

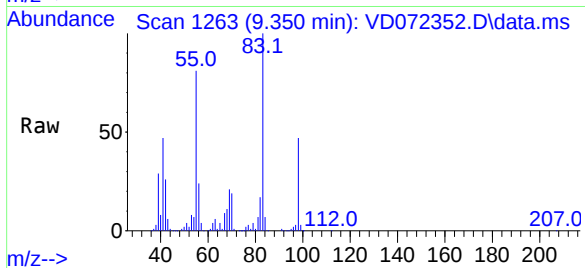
Acq: 21 Mar 2022 20:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



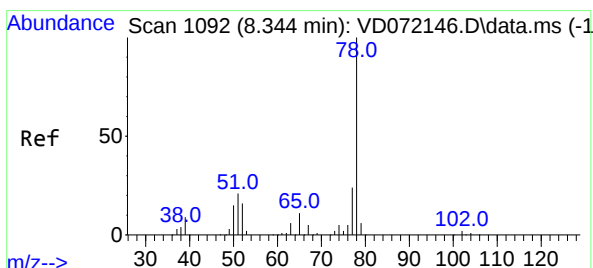
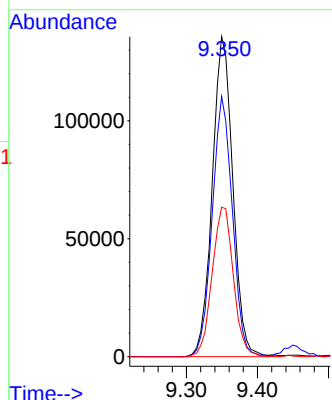
Tgt Ion:	83	Resp:	273249
Ion	Ratio	Lower	Upper
83	100		
55	81.3	63.2	94.8
98	46.7	38.2	57.4

Manual Integrations

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Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 03/22/2022



#40

Benzene

Concen: 55.374 ug/l

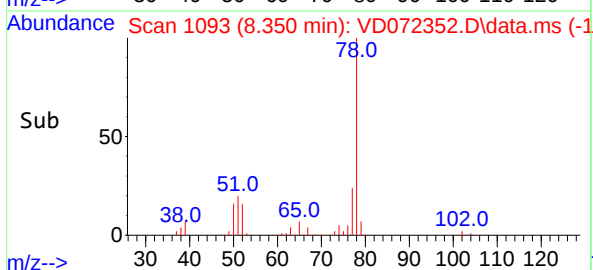
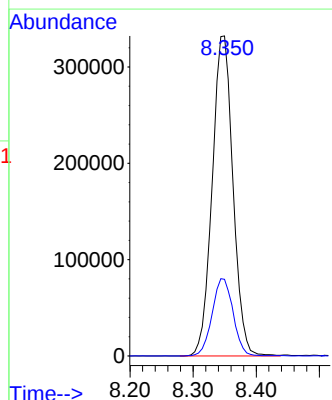
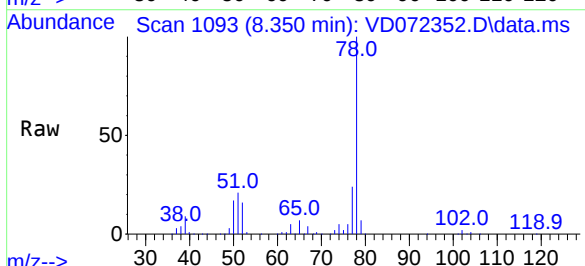
RT: 8.350 min Scan# 1093

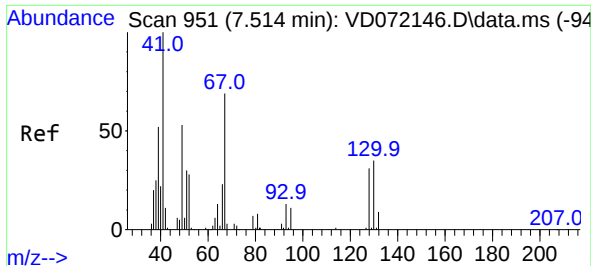
Delta R.T. 0.006 min

Lab File: VD072352.D

Acq: 21 Mar 2022 20:52

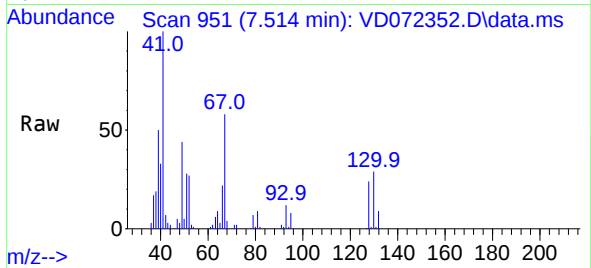
Tgt Ion:	78	Resp:	759737
Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.1	28.7





#41
Methacrylonitrile
Concen: 66.759 ug/l
RT: 7.514 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52

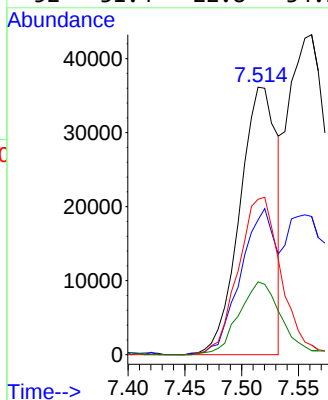
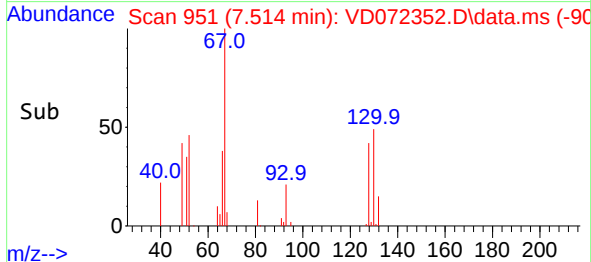
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 8197
Ion Ratio Lower Upper
41 100
39 52.4 44.6 67.0
67 67.8 48.2 72.4
52 31.4 22.8 34.2

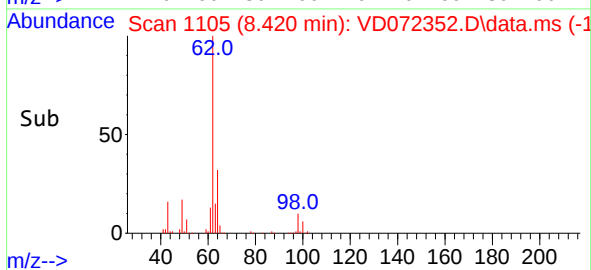
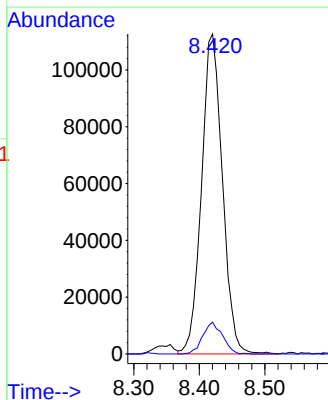
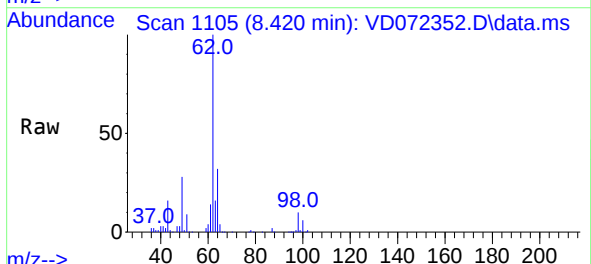
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#42
1,2-Dichloroethane
Concen: 59.959 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52

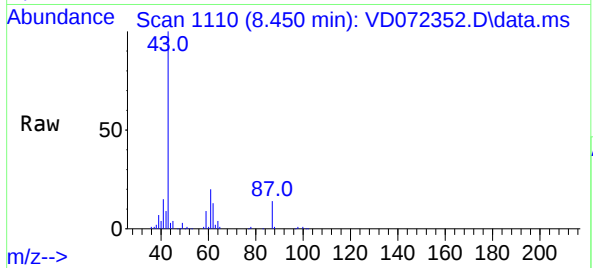
Tgt Ion: 62 Resp: 249553
Ion Ratio Lower Upper
62 100
98 9.4 0.0 17.6





#43
Isopropyl Acetate
Concen: 62.736 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. 0.006 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52

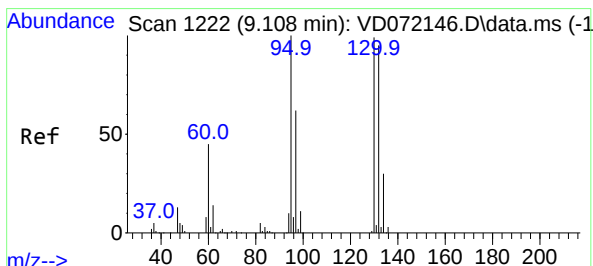
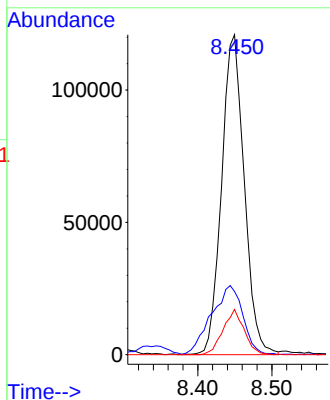
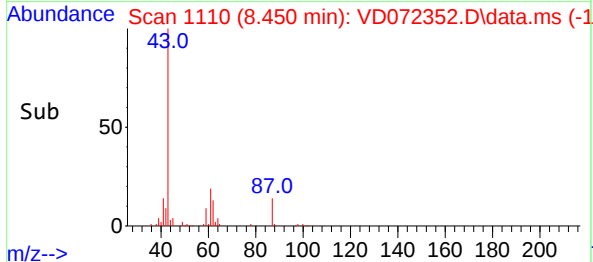
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 256524
Ion Ratio Lower Upper
43 100
61 30.1 22.4 33.6
87 13.2 8.7 13.1

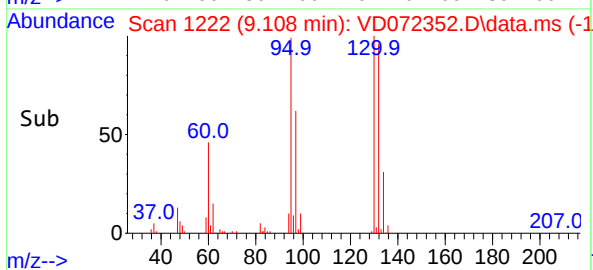
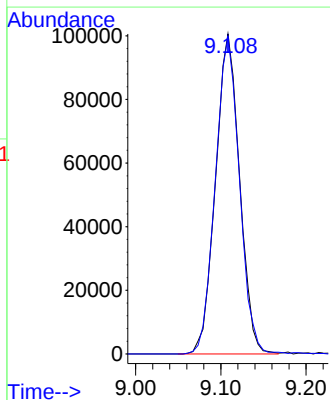
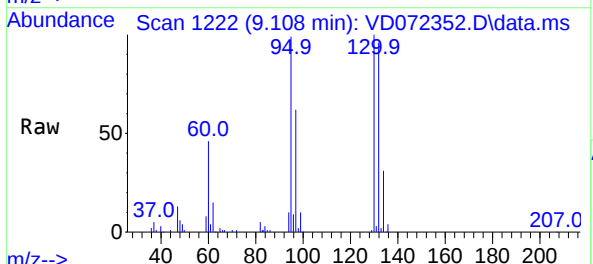
Manual Integrations
APPROVED

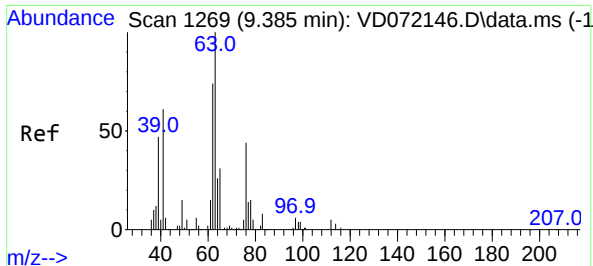
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#44
Trichloroethene
Concen: 51.264 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52

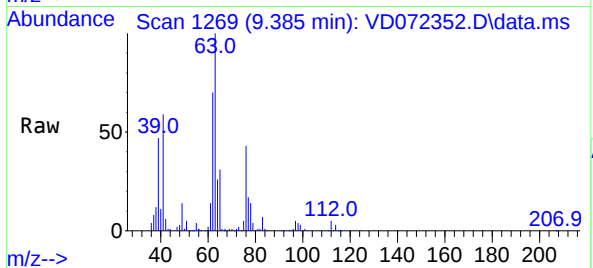
Tgt Ion:130 Resp: 197457
Ion Ratio Lower Upper
130 100
95 99.3 0.0 205.4





#45
1,2-Dichloropropane
Concen: 57.428 ug/l
RT: 9.385 min Scan# 1269
Delta R.T. 0.000 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52

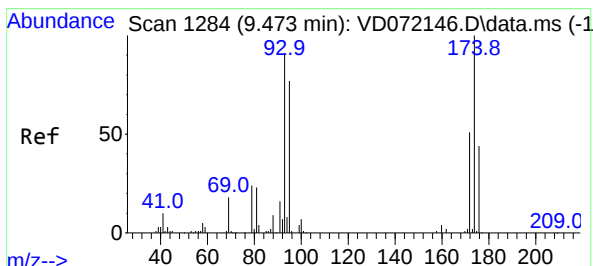
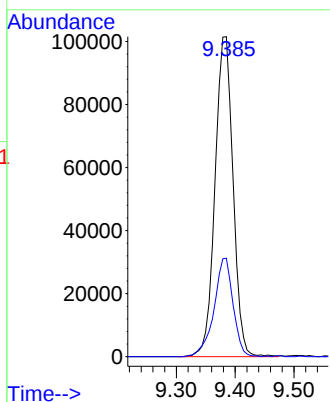
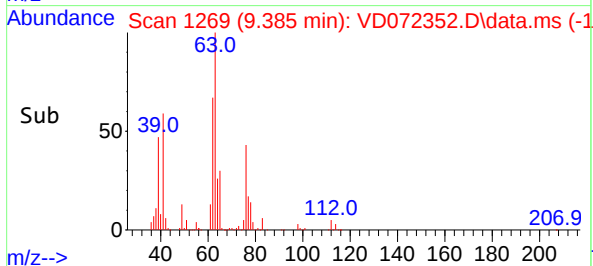
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



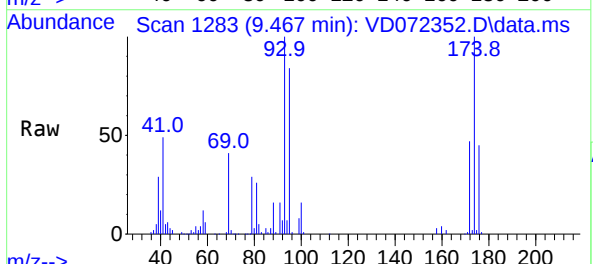
Tgt Ion: 63 Resp: 216089
Ion Ratio Lower Upper
63 100
65 30.8 26.2 39.4

Manual Integrations
APPROVED

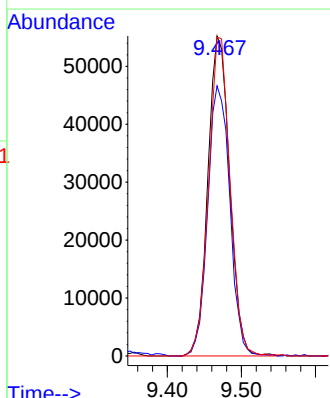
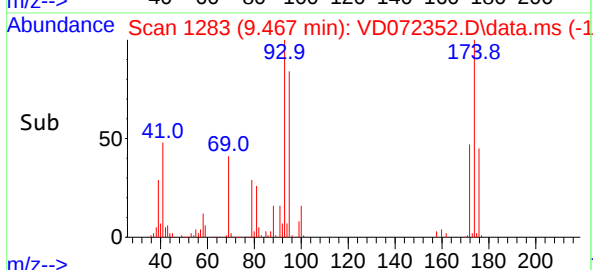
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

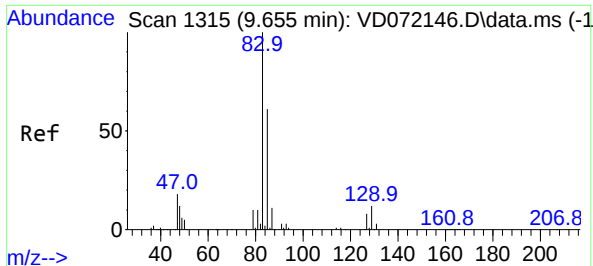


#46
Dibromomethane
Concen: 60.901 ug/l
RT: 9.467 min Scan# 1283
Delta R.T. -0.006 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52



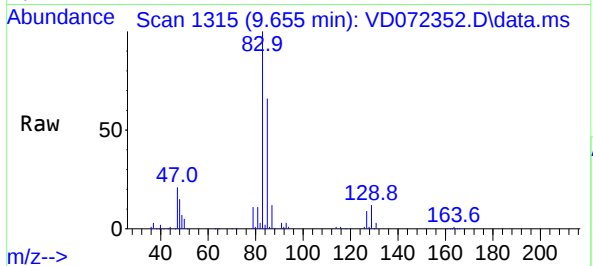
Tgt Ion: 93 Resp: 112724
Ion Ratio Lower Upper
93 100
95 86.0 66.7 100.1
174 98.3 71.6 107.4





#47
Bromodichloromethane
Concen: 57.132 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52

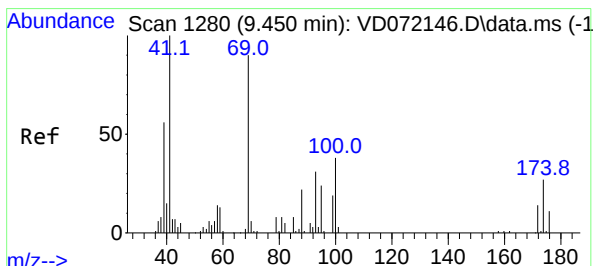
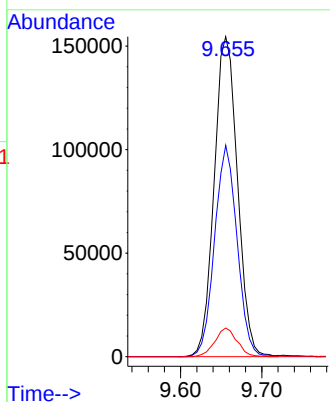
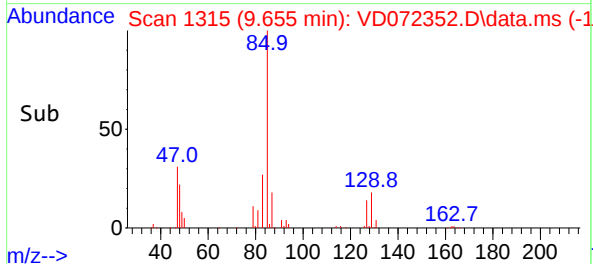
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



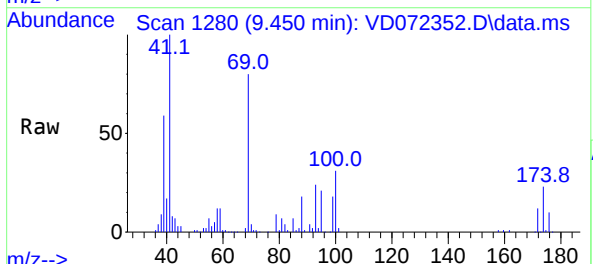
Tgt Ion: 83 Resp: 30828
Ion Ratio Lower Upper
83 100
85 66.1 51.4 77.0
127 9.0 6.1 9.1

Manual Integrations
APPROVED

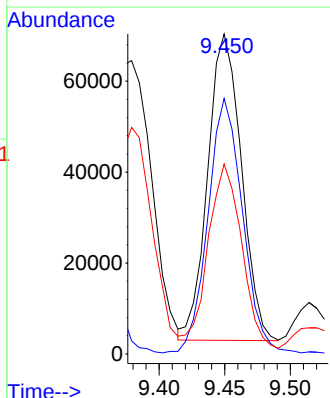
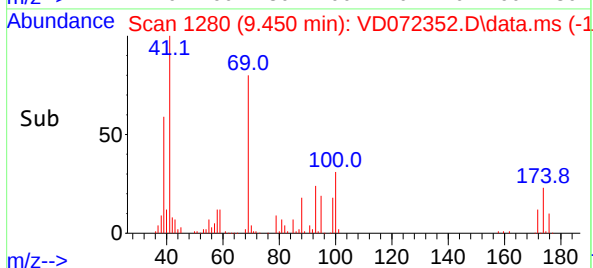
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

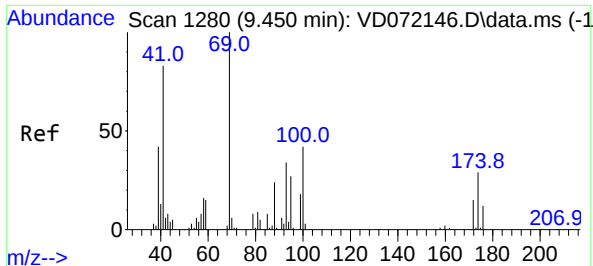


#48
Methyl methacrylate
Concen: 61.536 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52



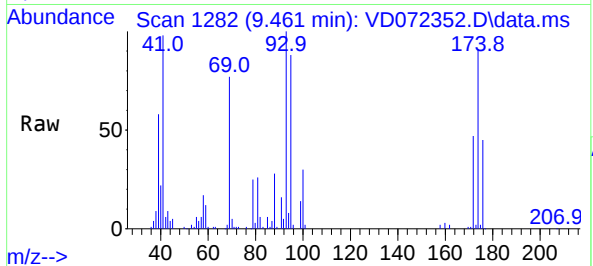
Tgt Ion: 41 Resp: 120144
Ion Ratio Lower Upper
41 100
69 86.9 56.7 85.1#
39 64.4 42.7 64.1#





#49
1,4-Dioxane
Concen: 1247.838 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. 0.012 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52

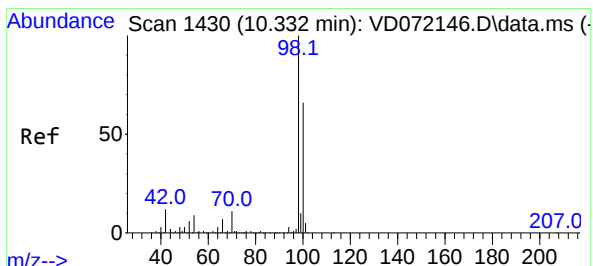
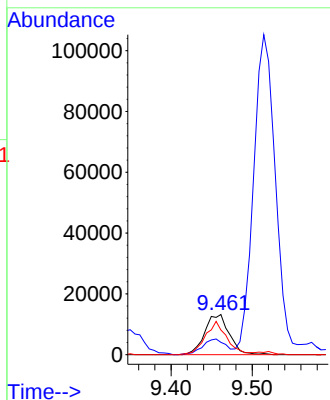
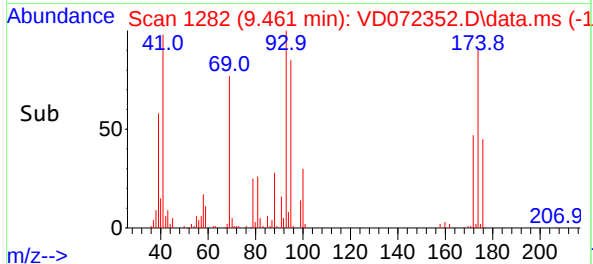
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 2769
Ion Ratio Lower Upper
88 100
43 36.4 31.0 46.4
58 73.7 58.1 87.1

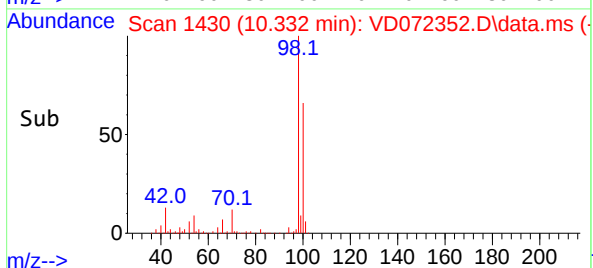
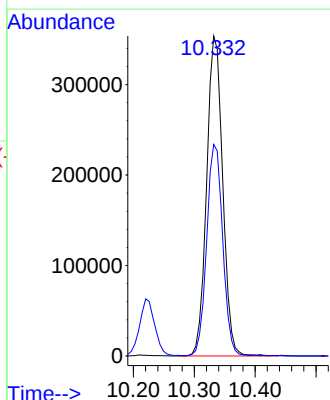
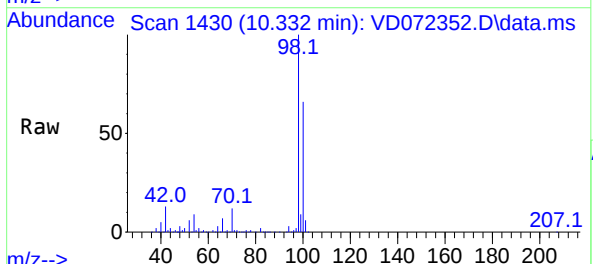
Manual Integrations
APPROVED

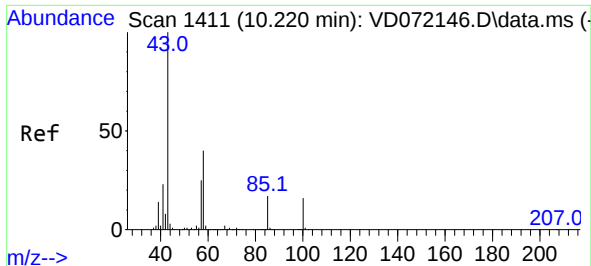
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#50
Toluene-d8
Concen: 51.654 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52

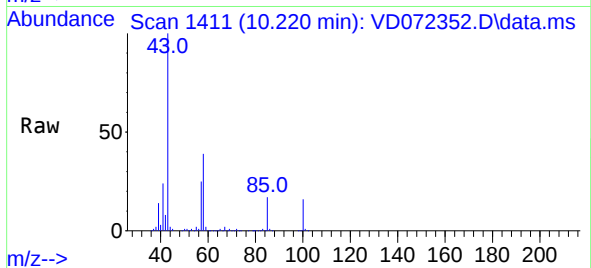
Tgt Ion: 98 Resp: 647489
Ion Ratio Lower Upper
98 100
100 65.9 52.4 78.6





#51
4-Methyl-2-Pentanone
Concen: 333.133 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52

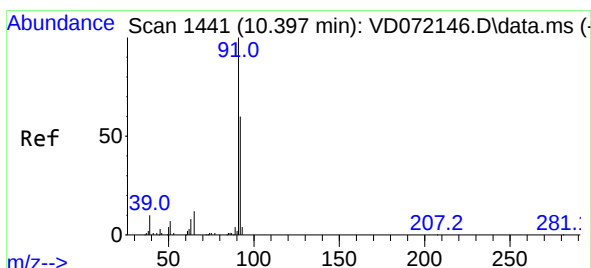
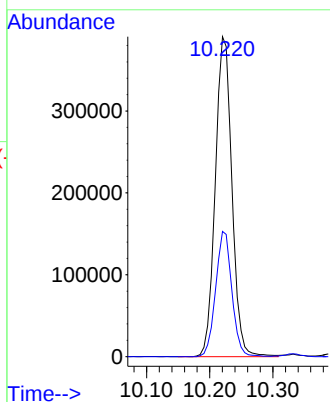
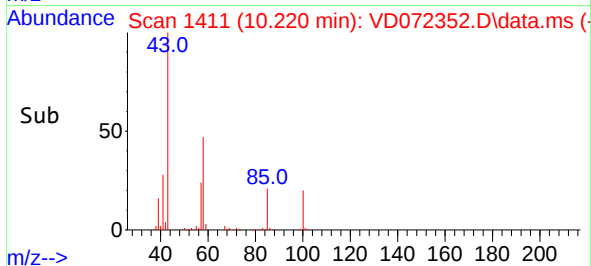
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 715434
Ion Ratio Lower Upper
43 100
58 38.2 28.6 43.0

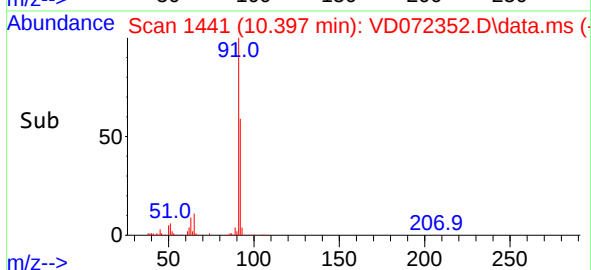
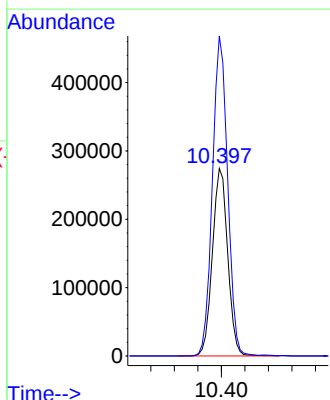
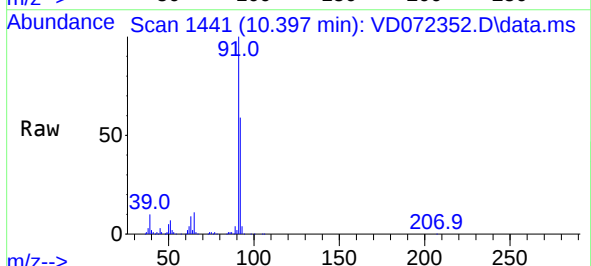
Manual Integrations
APPROVED

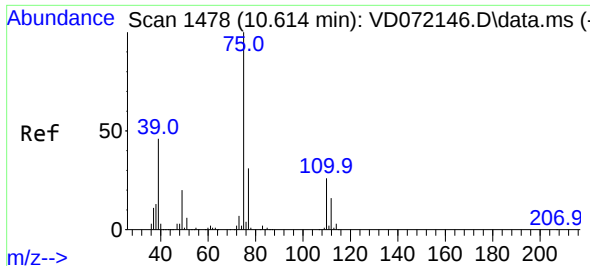
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#52
Toluene
Concen: 54.956 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52

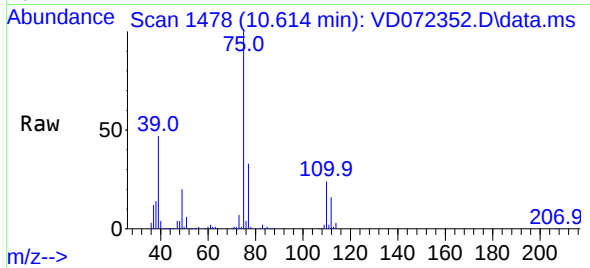
Tgt Ion: 92 Resp: 496158
Ion Ratio Lower Upper
92 100
91 169.2 139.6 209.4





#53
t-1,3-Dichloropropene
Concen: 56.655 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52

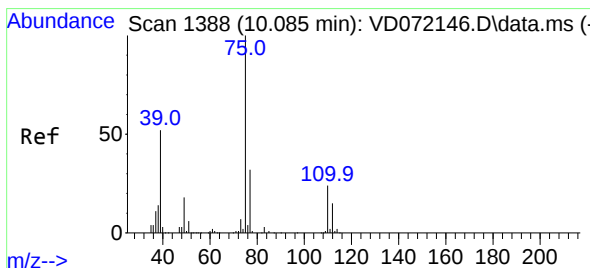
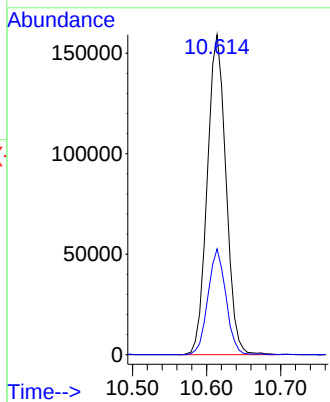
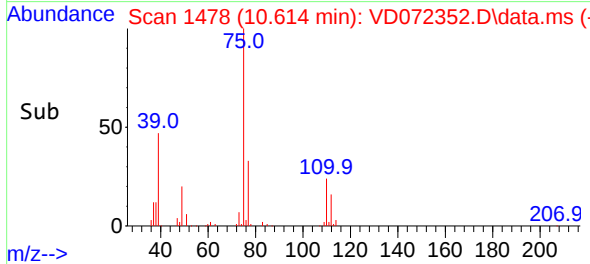
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



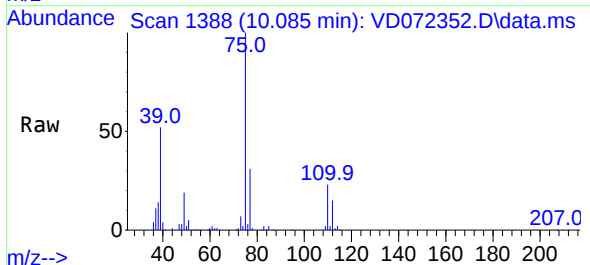
Tgt Ion: 75 Resp: 279308
Ion Ratio Lower Upper
75 100
77 33.1 24.5 36.7

Manual Integrations
APPROVED

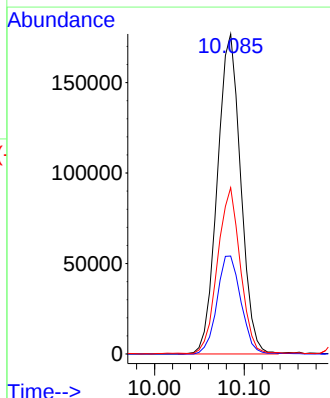
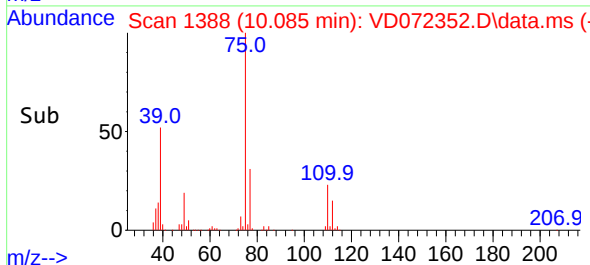
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

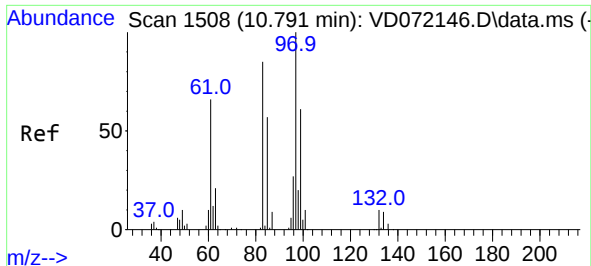


#54
cis-1,3-Dichloropropene
Concen: 56.060 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52



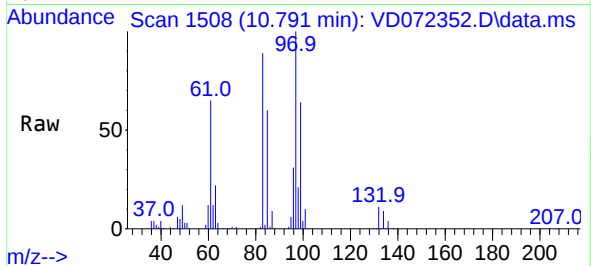
Tgt Ion: 75 Resp: 319493
Ion Ratio Lower Upper
75 100
77 30.6 24.8 37.2
39 51.7 46.8 70.2





#55
1,1,2-Trichloroethane
Concen: 59.422 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

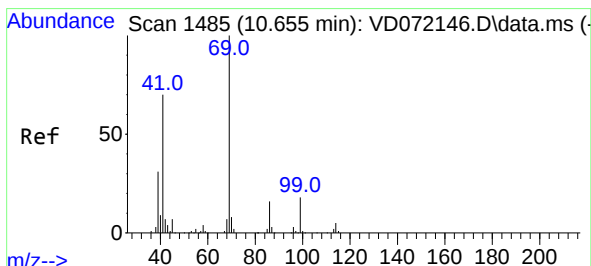
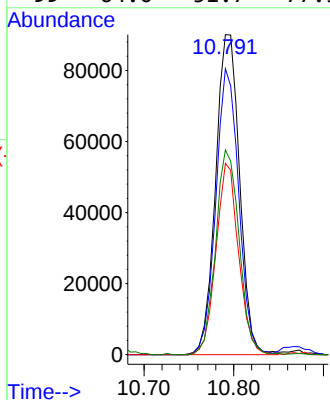
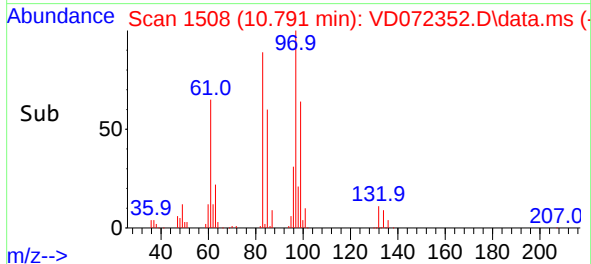


Tgt Ion: 97 Resp: 16754

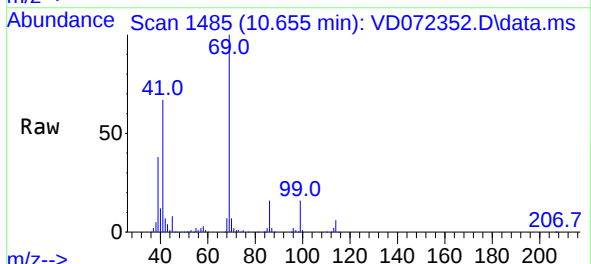
Ion	Ratio	Lower	Upper
97	100		
83	89.3	69.0	103.4
85	59.8	42.6	63.8
99	64.0	51.7	77.5

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

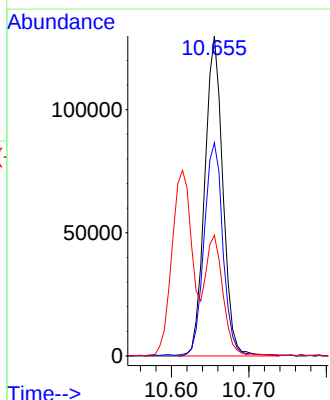
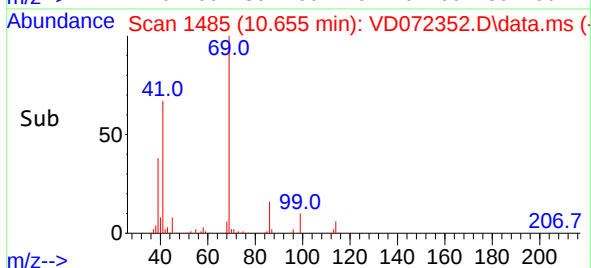


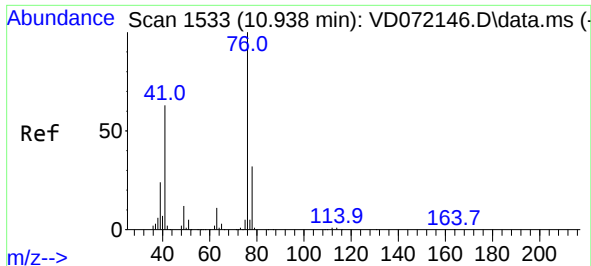
#56
Ethyl methacrylate
Concen: 63.711 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52



Tgt Ion: 69 Resp: 210413

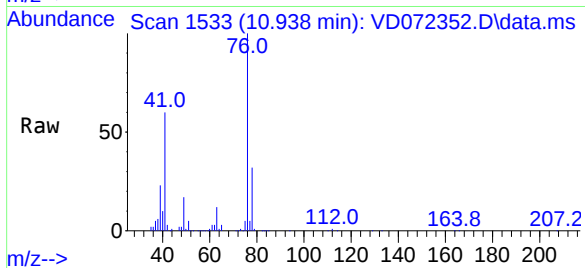
Ion	Ratio	Lower	Upper
69	100		
41	70.2	63.0	94.6
39	35.7	33.8	50.8





#57
1,3-Dichloropropane
Concen: 59.402 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52

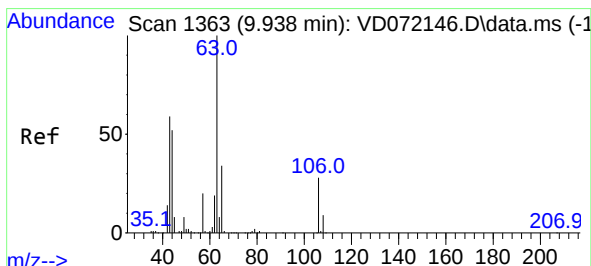
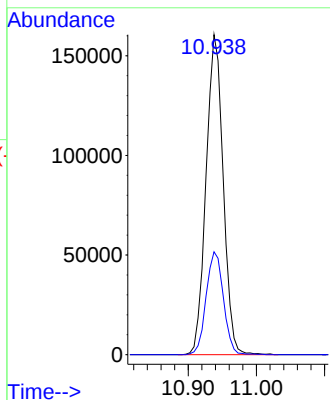
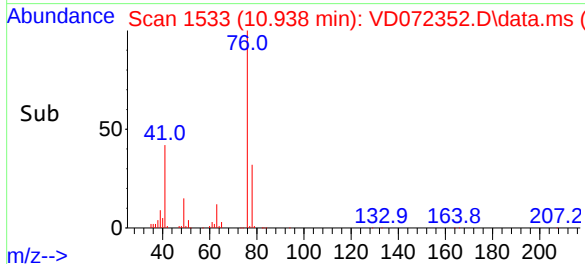
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



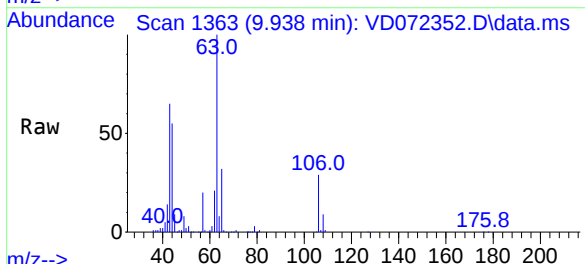
Tgt Ion: 76 Resp: 28110
Ion Ratio Lower Upper
76 100
78 32.4 26.0 39.0

Manual Integrations
APPROVED

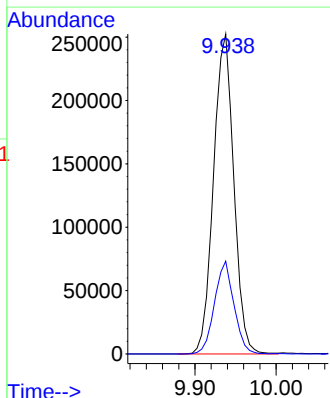
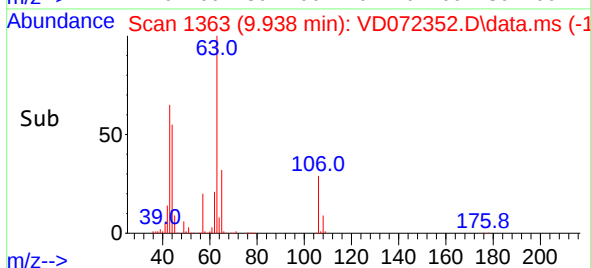
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

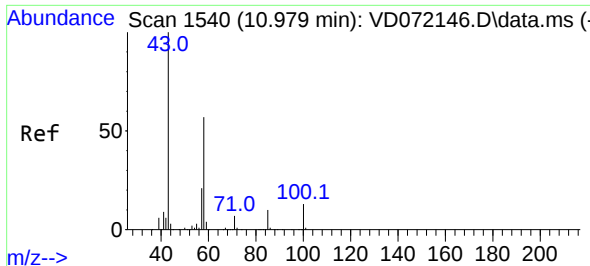


#58
2-Chloroethyl Vinyl ether
Concen: 294.995 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52



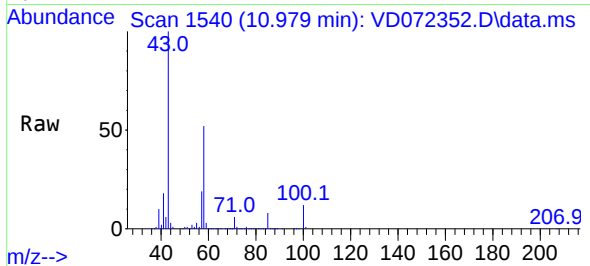
Tgt Ion: 63 Resp: 438052
Ion Ratio Lower Upper
63 100
106 27.8 21.4 32.0





#59
2-Hexanone
Concen: 325.308 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52

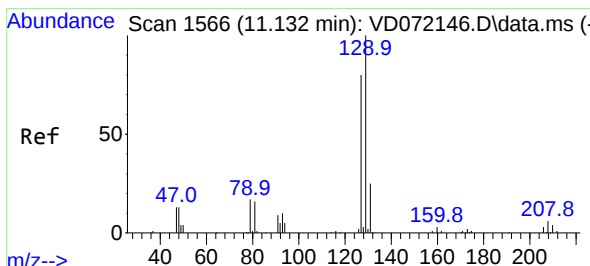
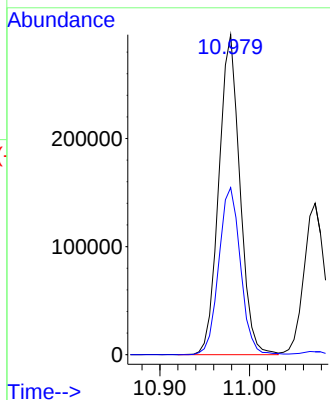
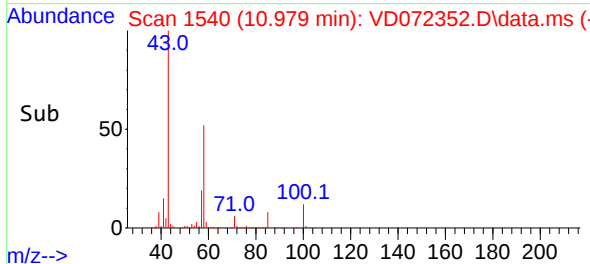
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



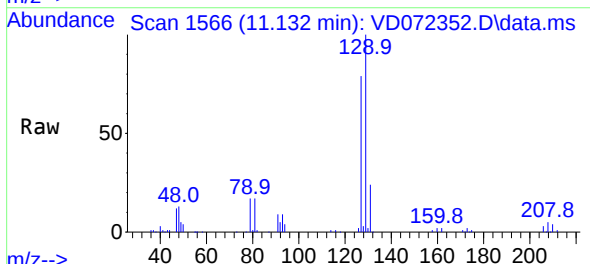
Tgt Ion: 43 Resp: 48252
Ion Ratio Lower Upper
43 100
58 53.8 25.3 75.9

Manual Integrations
APPROVED

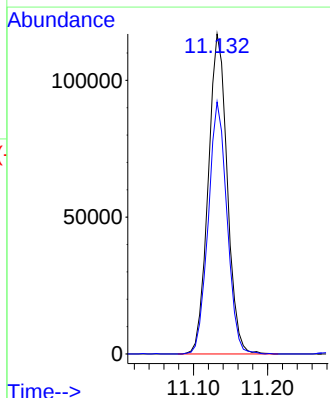
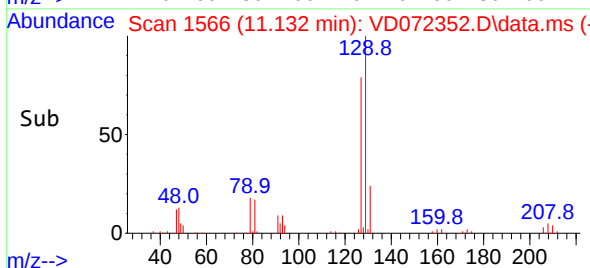
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

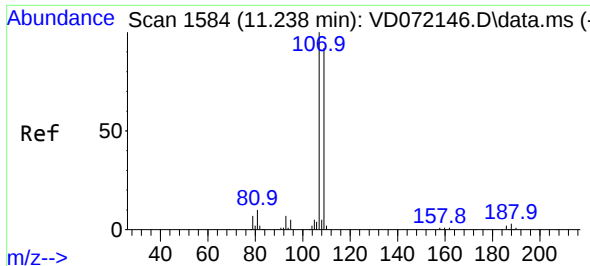


#60
Dibromochloromethane
Concen: 56.965 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52



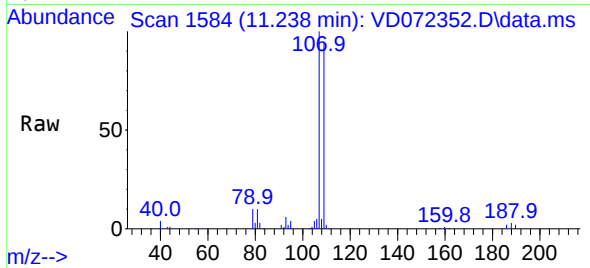
Tgt Ion:129 Resp: 208424
Ion Ratio Lower Upper
129 100
127 77.6 39.2 117.6





#61
1,2-Dibromoethane
Concen: 59.581 ug/l
RT: 11.238 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52

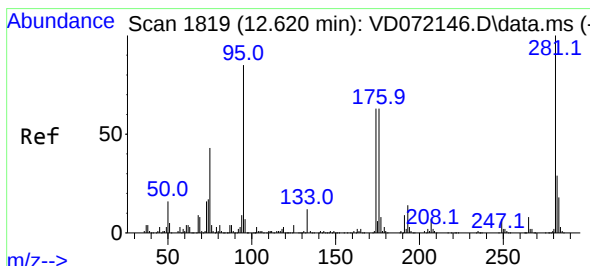
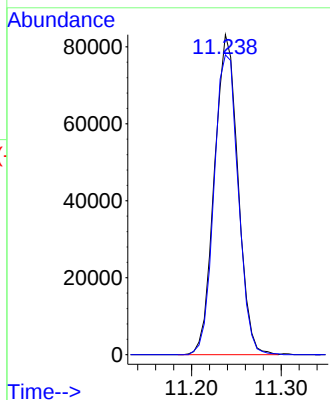
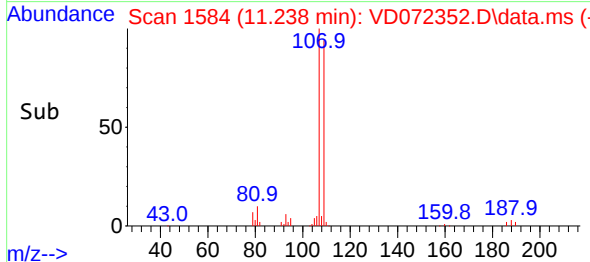
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



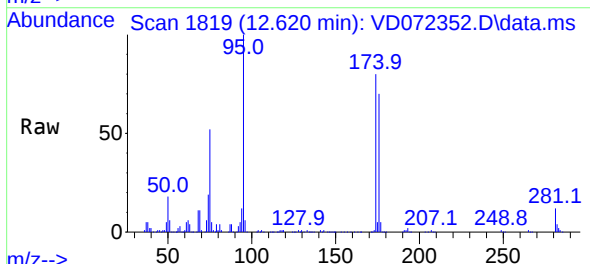
Tgt Ion:107 Resp: 15180
Ion Ratio Lower Upper
107 100
109 96.1 74.2 111.4

Manual Integrations
APPROVED

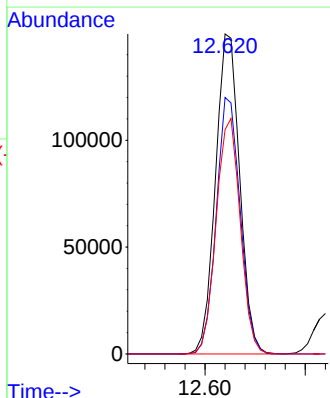
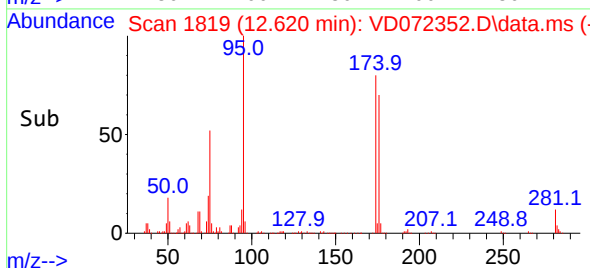
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

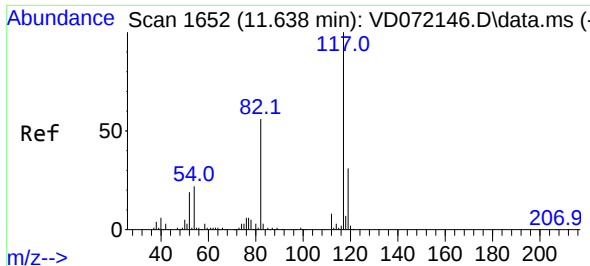


#62
4-Bromofluorobenzene
Concen: 51.486 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52



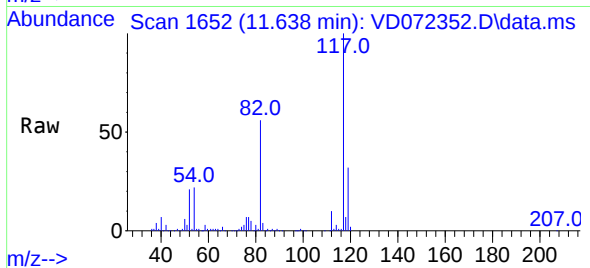
Tgt Ion: 95 Resp: 250764
Ion Ratio Lower Upper
95 100
174 79.2 0.0 152.8
176 73.2 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52

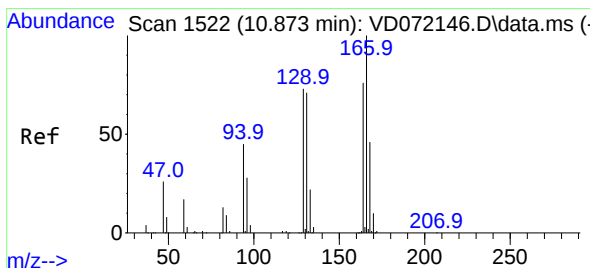
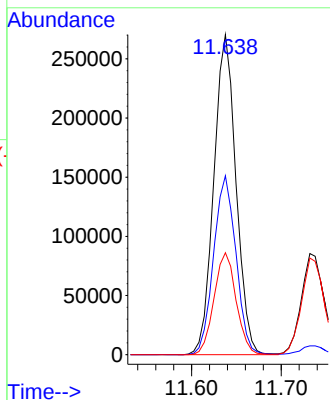
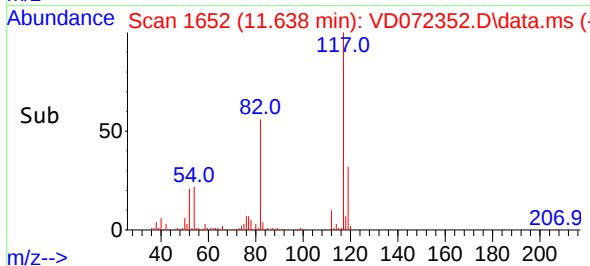
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



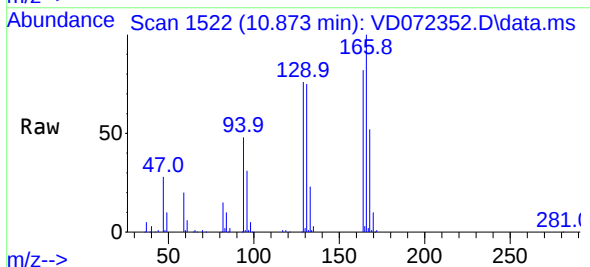
Tgt Ion:117 Resp: 46463
Ion Ratio Lower Upper
117 100
82 55.9 45.3 67.9
119 31.9 26.6 40.0

Manual Integrations
APPROVED

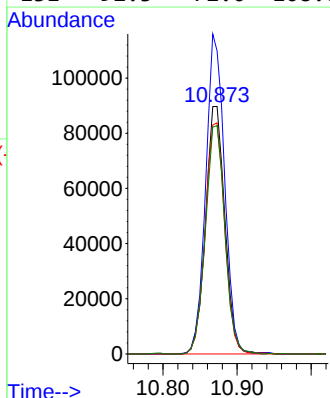
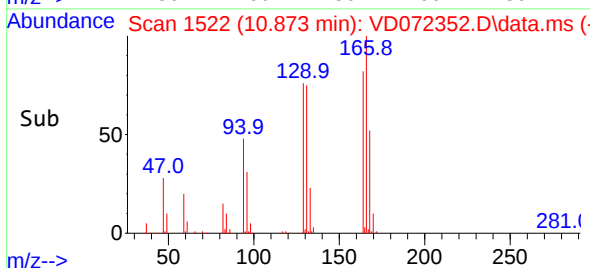
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

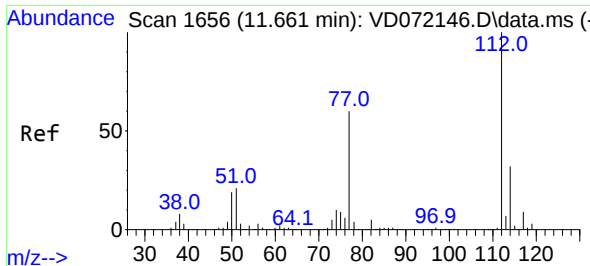


#64
Tetrachloroethene
Concen: 49.858 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52



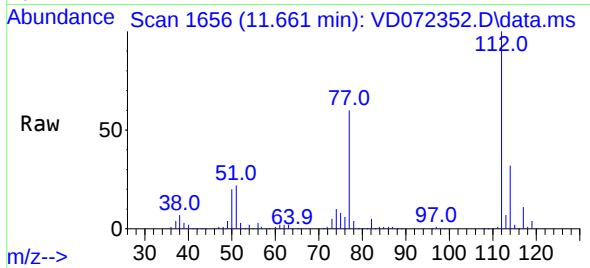
Tgt Ion:164 Resp: 163223
Ion Ratio Lower Upper
164 100
166 122.4 98.5 147.7
129 93.4 74.6 111.8
131 92.3 72.0 108.0





#65
Chlorobenzene
Concen: 53.468 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52

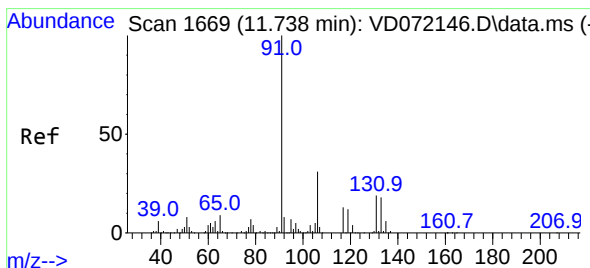
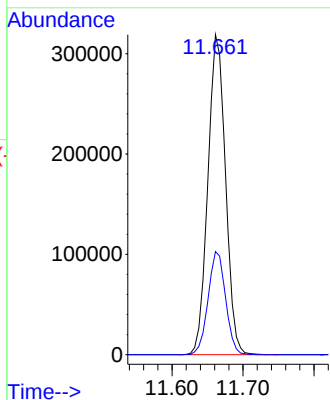
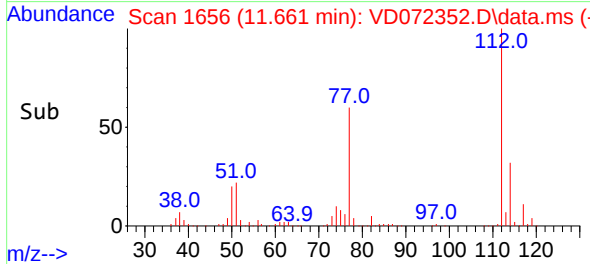
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



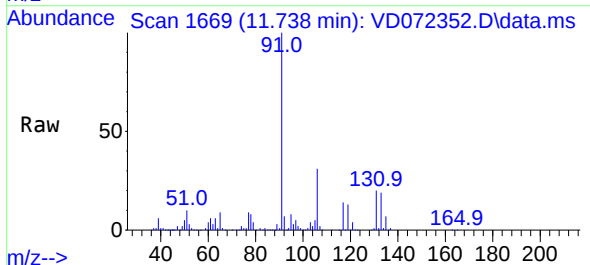
Tgt Ion:112 Resp: 55076
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6

Manual Integrations
APPROVED

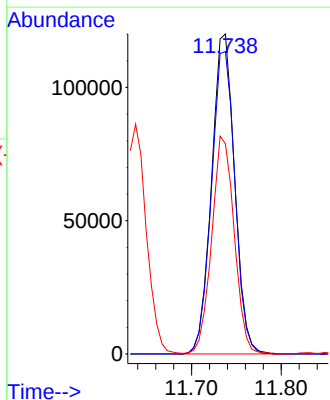
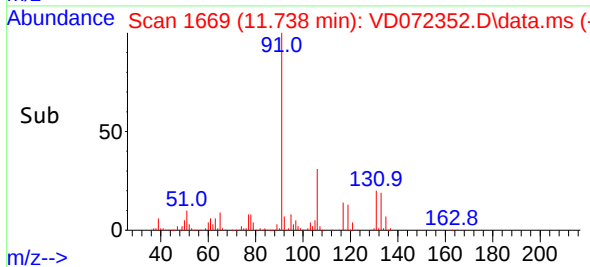
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

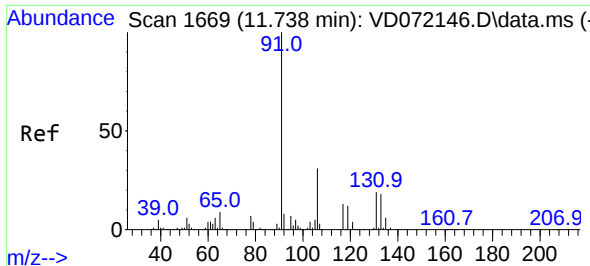


#66
1,1,1,2-Tetrachloroethane
Concen: 52.608 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52



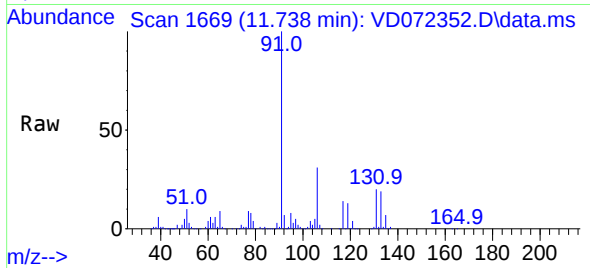
Tgt Ion:131 Resp: 214291
Ion Ratio Lower Upper
131 100
133 96.3 48.1 144.3
119 66.4 31.9 95.9





#67
Ethyl Benzene
Concen: 52.518 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52

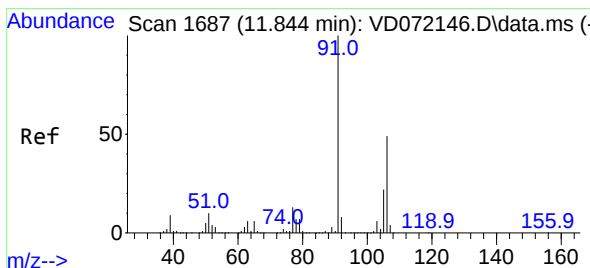
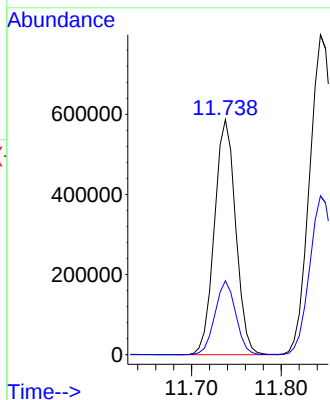
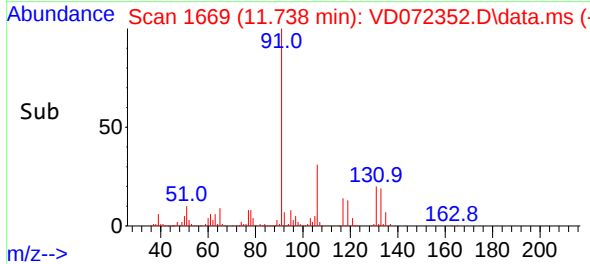
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



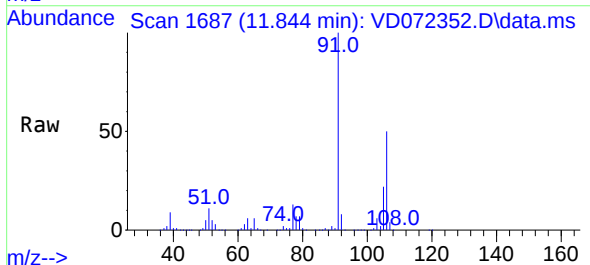
Tgt Ion: 91 Resp: 966212
Ion Ratio Lower Upper
91 100
106 31.4 24.2 36.4

Manual Integrations
APPROVED

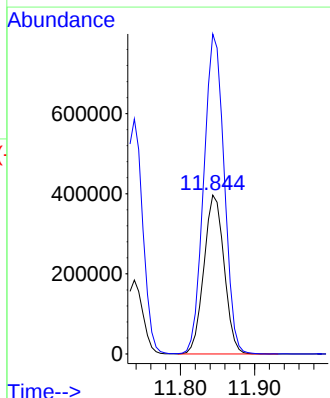
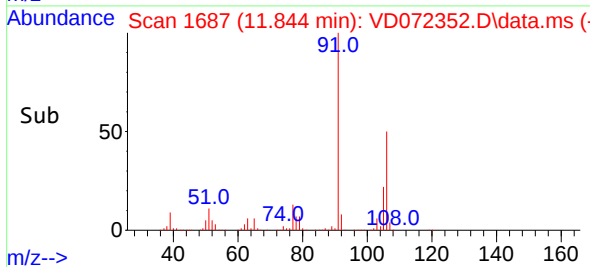
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

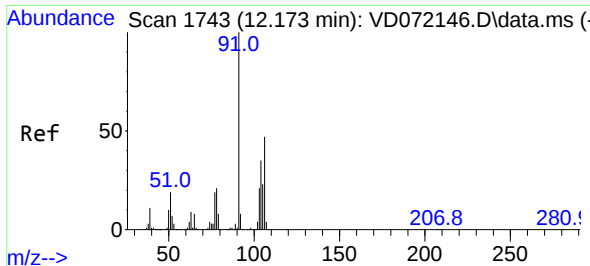


#68
m/p-Xylenes
Concen: 107.514 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52



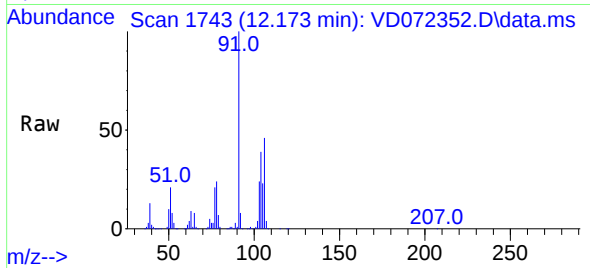
Tgt Ion:106 Resp: 751088
Ion Ratio Lower Upper
106 100
91 203.0 163.7 245.5





#69
o-Xylene
Concen: 53.688 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52

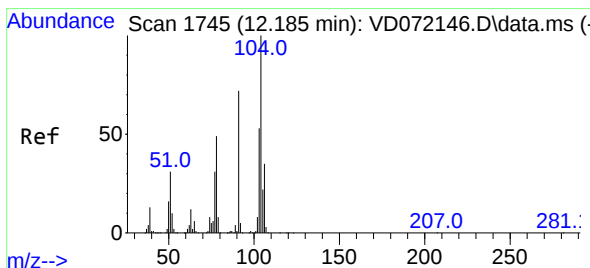
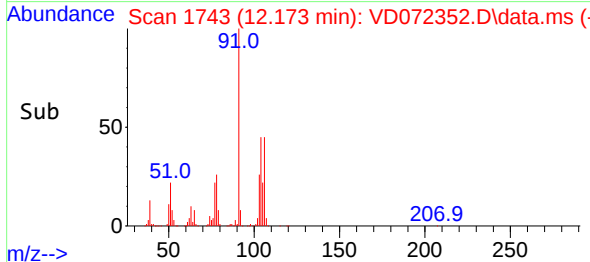
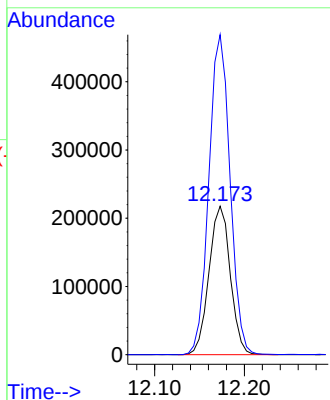
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 358754
Ion Ratio Lower Upper
106 100
91 214.2 110.4 331.2

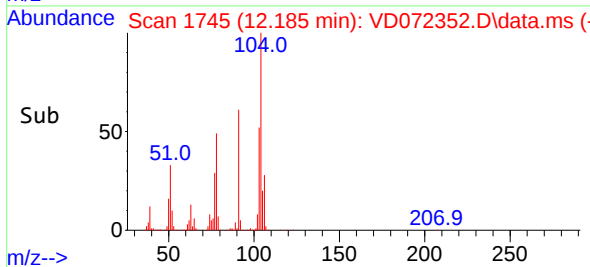
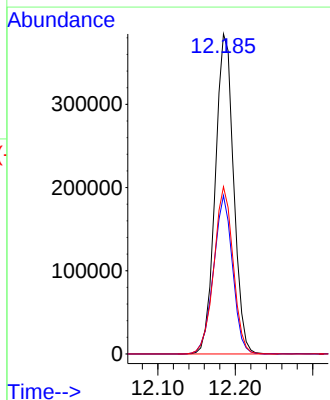
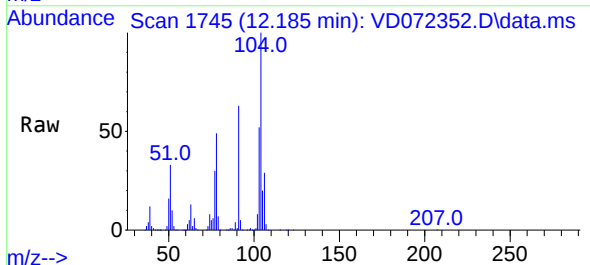
Manual Integrations
APPROVED

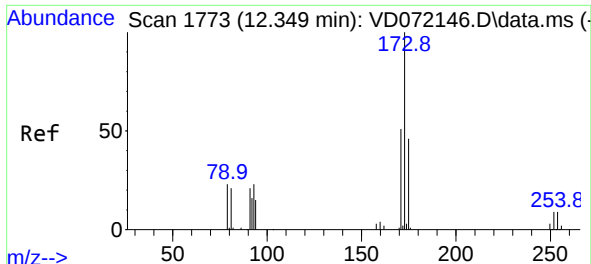
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#70
Styrene
Concen: 54.210 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52

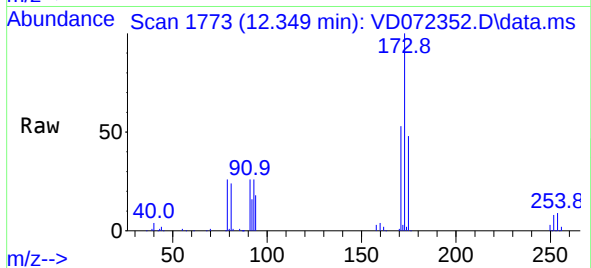
Tgt Ion:104 Resp: 632544
Ion Ratio Lower Upper
104 100
78 51.0 41.8 62.8
103 54.6 44.2 66.4





#71
Bromoform
Concen: 57.483 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52

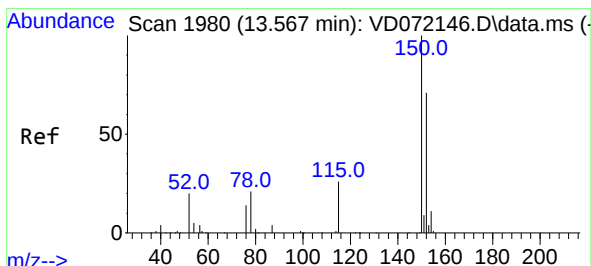
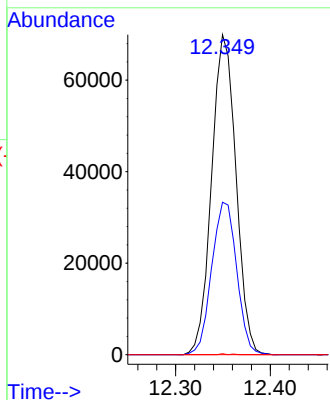
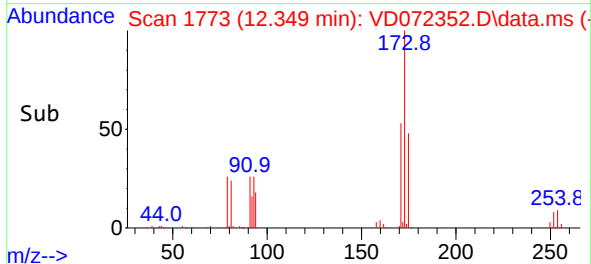
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



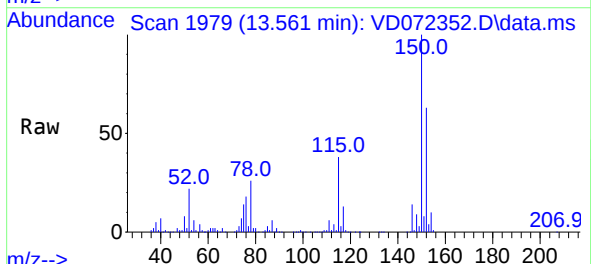
Tgt Ion:173 Resp: 125078
Ion Ratio Lower Upper
173 100
175 48.8 23.9 71.8
254 0.1 0.0 0.0

Manual Integrations
APPROVED

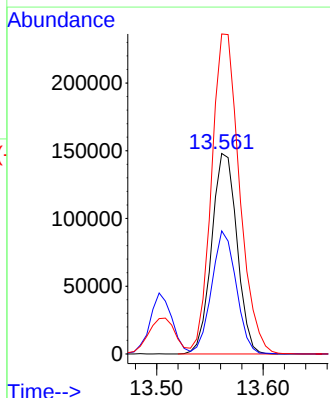
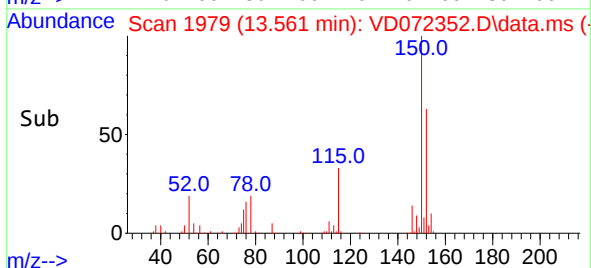
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

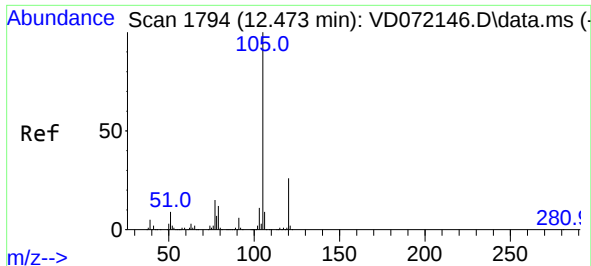


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52



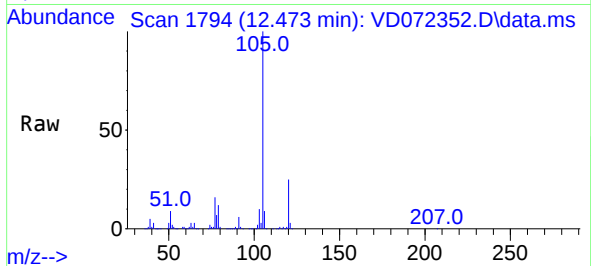
Tgt Ion:152 Resp: 244388
Ion Ratio Lower Upper
152 100
115 59.4 31.3 93.8
150 175.8 0.0 348.6





#73
Isopropylbenzene
Concen: 49.787 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52

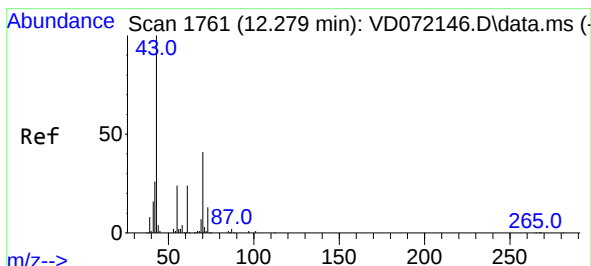
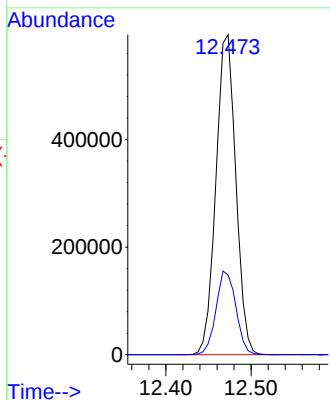
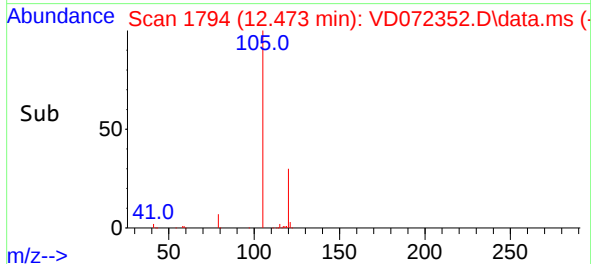
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



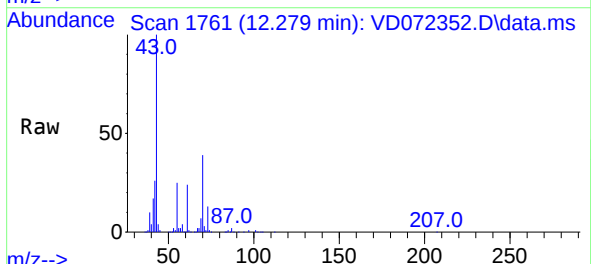
Tgt Ion:105 Resp: 964194
Ion Ratio Lower Upper
105 100
120 26.1 13.0 38.9

Manual Integrations
APPROVED

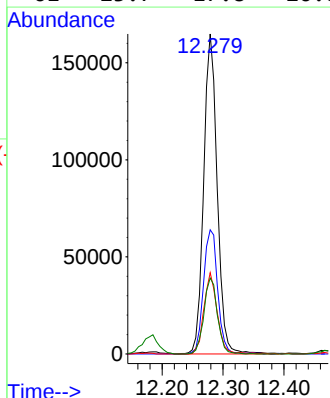
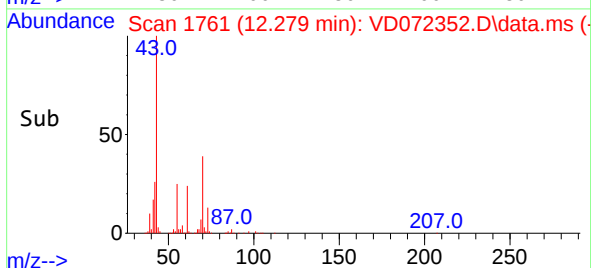
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

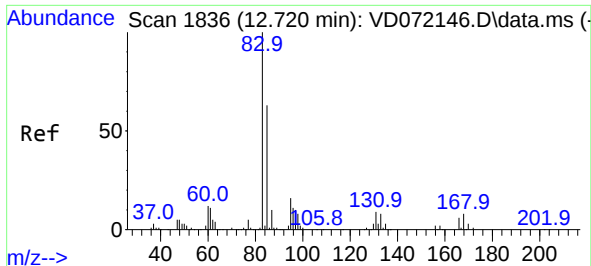


#74
N-ethyl acetate
Concen: 61.241 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52



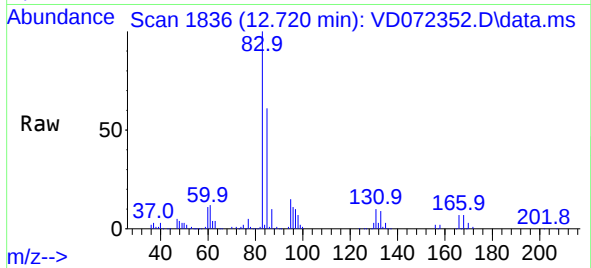
Tgt Ion: 43 Resp: 254879
Ion Ratio Lower Upper
43 100
70 40.6 31.3 46.9
55 24.9 20.0 30.0
61 23.7 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 58.569 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52

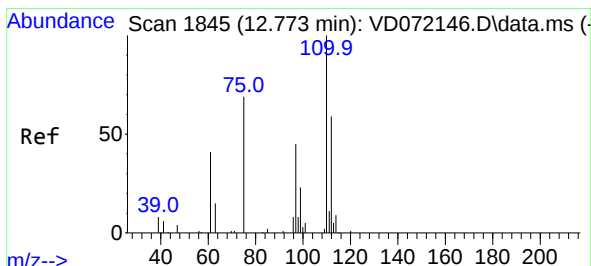
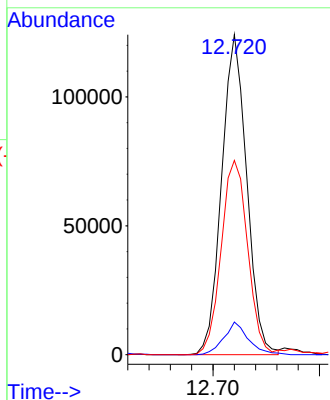
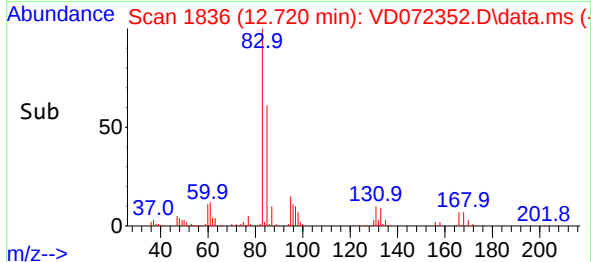
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



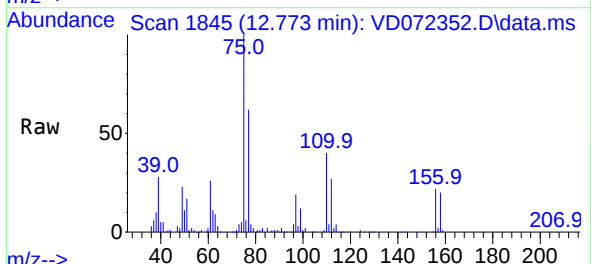
Tgt Ion: 83 Resp: 202864
Ion Ratio Lower Upper
83 100
131 10.0 5.0 14.9
85 64.5 32.6 98.0

Manual Integrations
APPROVED

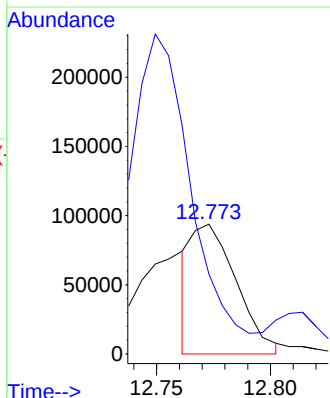
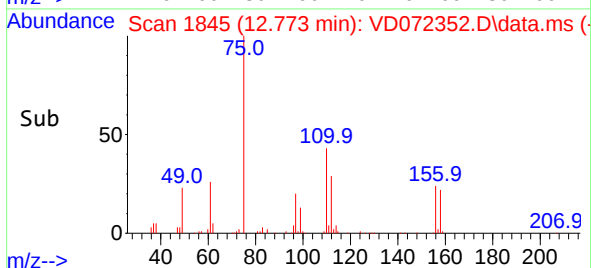
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

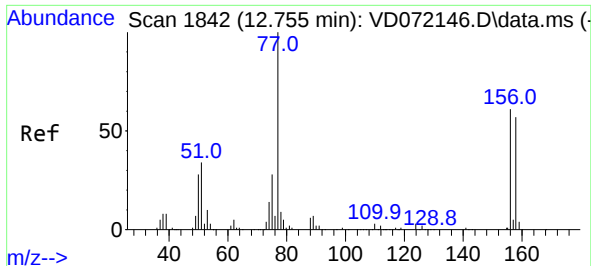


#76
1,2,3-Trichloropropane
Concen: 47.702 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52



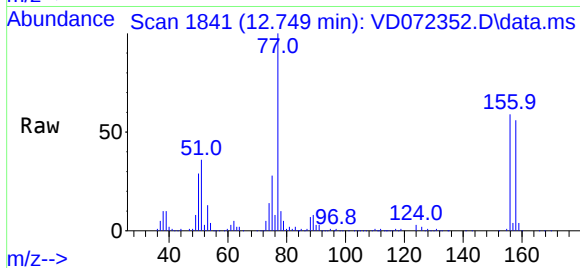
Tgt Ion: 75 Resp: 128597
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 51.995 ug/l
RT: 12.749 min Scan# 1842
Delta R.T. -0.006 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52

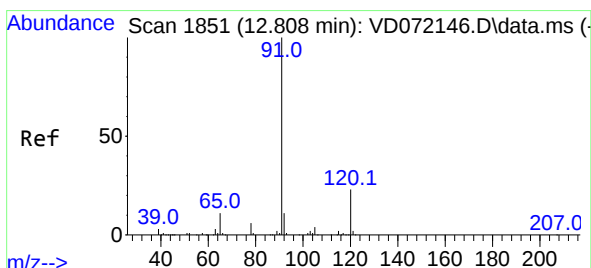
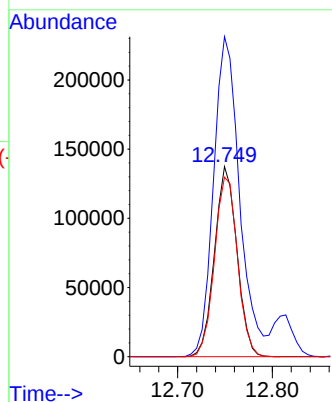
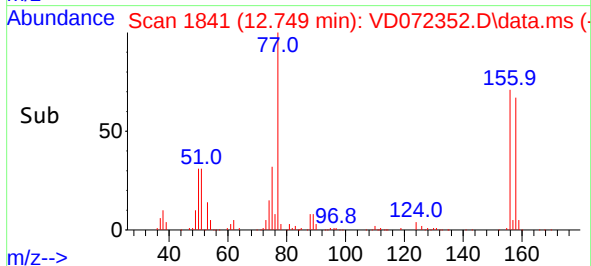
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



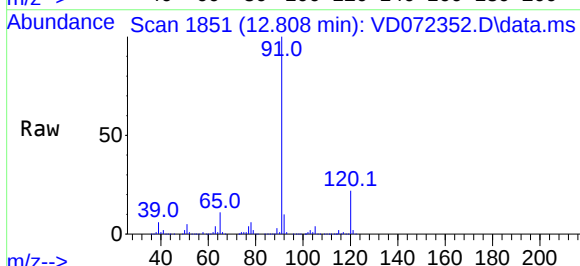
Tgt Ion:156 Resp: 226644
Ion Ratio Lower Upper
156 100
77 193.8 102.8 308.3
158 96.6 48.7 146.1

Manual Integrations
APPROVED

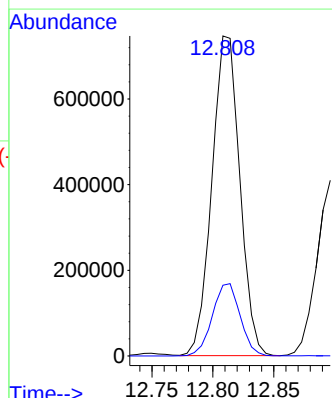
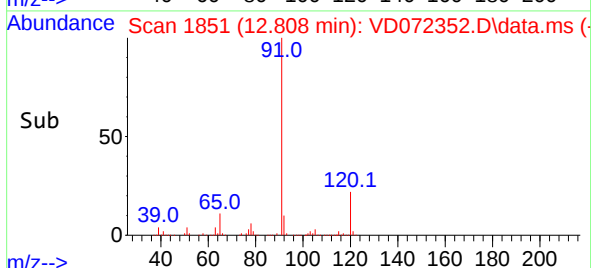
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

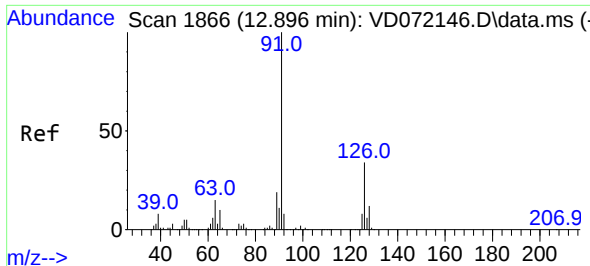


#78
n-propylbenzene
Concen: 50.611 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52



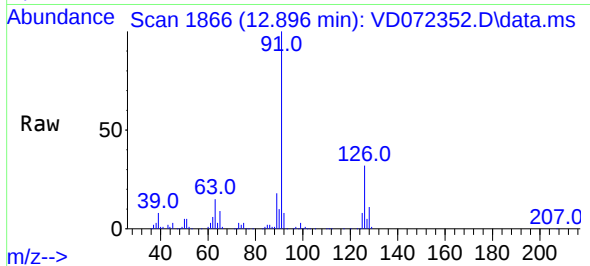
Tgt Ion: 91 Resp: 1190550
Ion Ratio Lower Upper
91 100
120 22.6 10.9 32.9





#79
2-Chlorotoluene
Concen: 50.779 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52

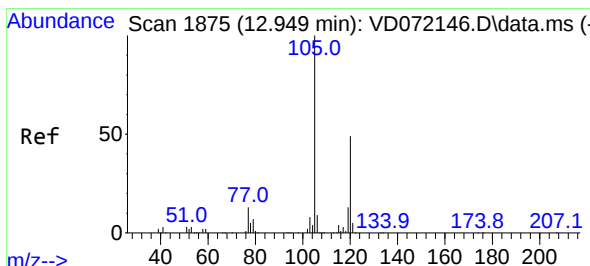
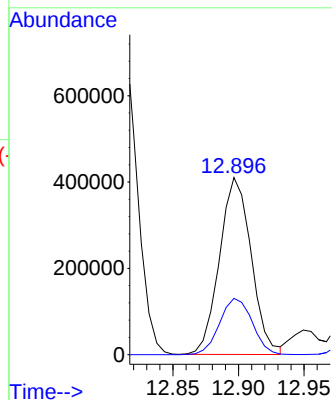
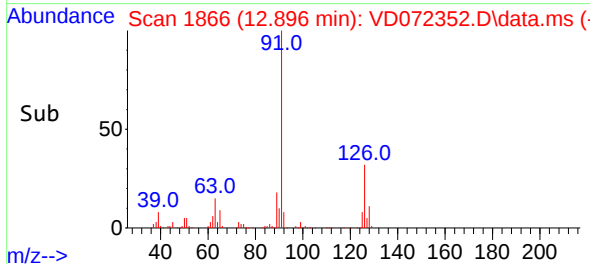
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



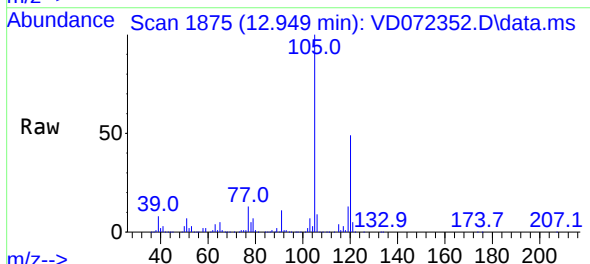
Tgt Ion: 91 Resp: 69071
Ion Ratio Lower Upper
91 100
126 32.8 16.2 48.6

Manual Integrations
APPROVED

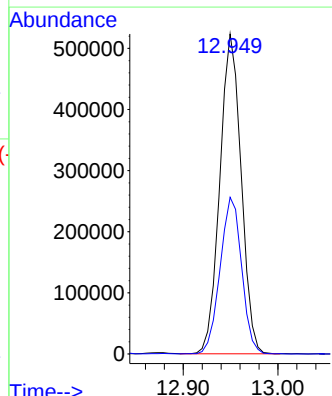
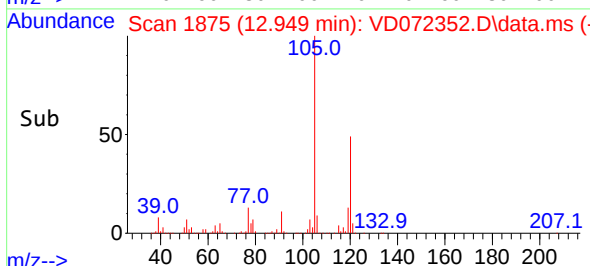
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

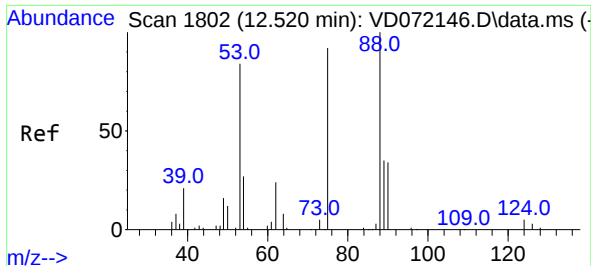


#80
1,3,5-Trimethylbenzene
Concen: 49.180 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52



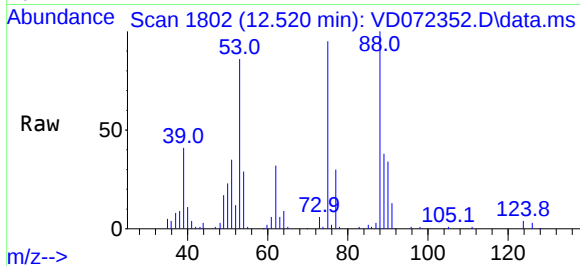
Tgt Ion:105 Resp: 818248
Ion Ratio Lower Upper
105 100
120 49.5 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 55.713 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52

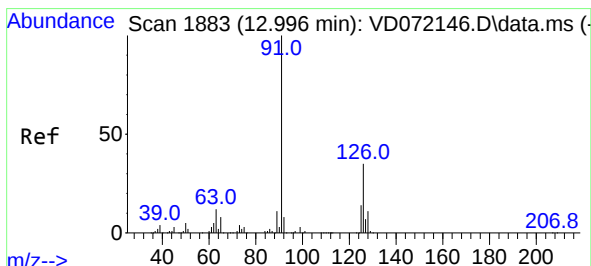
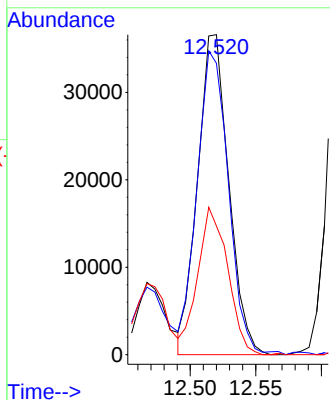
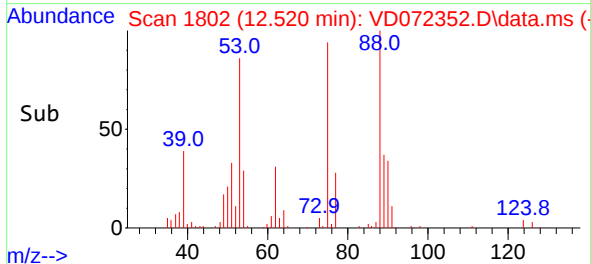
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



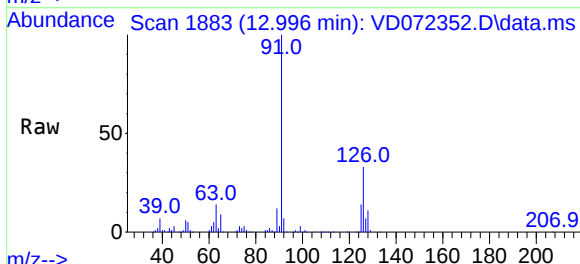
Tgt Ion: 75 Resp: 60534
Ion Ratio Lower Upper
75 100
53 95.7 86.5 129.7
89 44.5 33.9 50.9

Manual Integrations
APPROVED

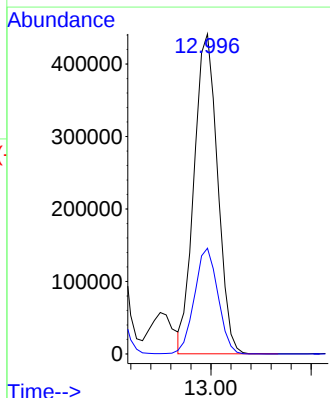
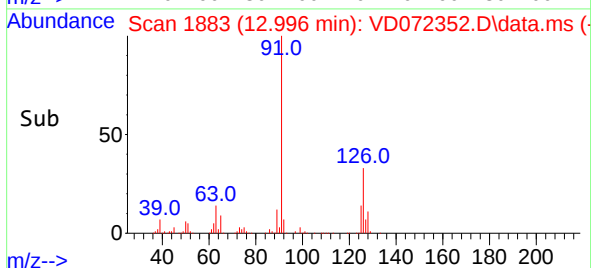
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

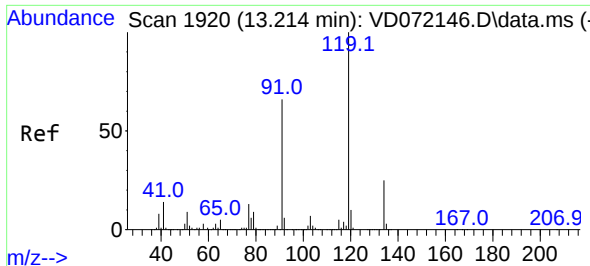


#82
4-Chlorotoluene
Concen: 50.924 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52



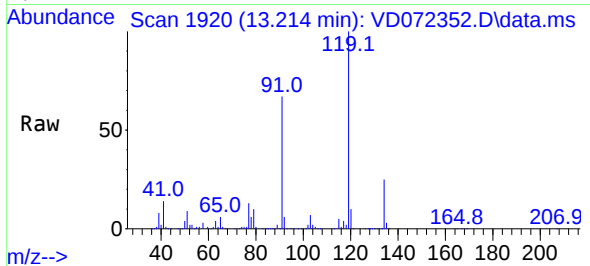
Tgt Ion: 91 Resp: 717230
Ion Ratio Lower Upper
91 100
126 33.2 16.5 49.5





#83
tert-Butylbenzene
Concen: 49.044 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52

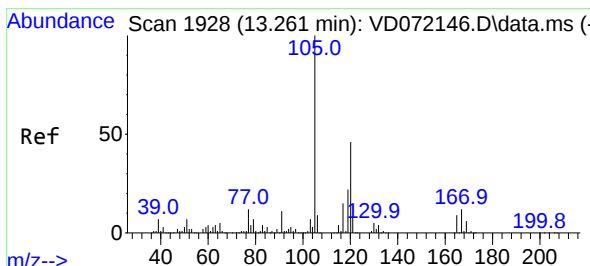
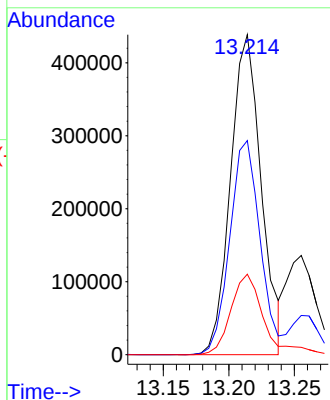
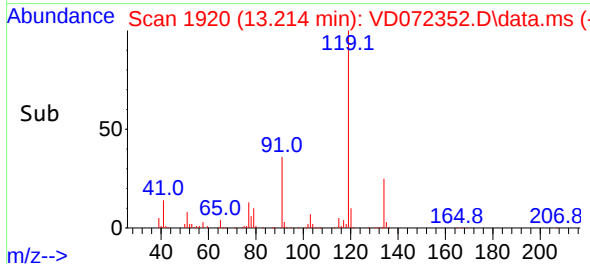
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



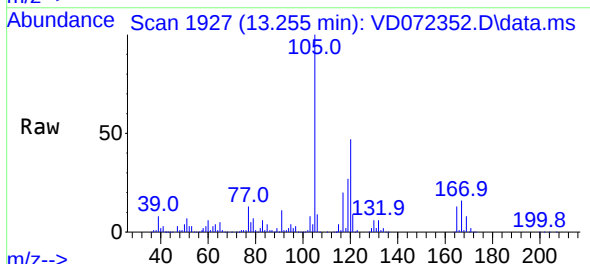
Tgt Ion:119 Resp: 715389
Ion Ratio Lower Upper
119 100
91 65.7 34.8 104.5
134 26.8 13.3 39.9

Manual Integrations
APPROVED

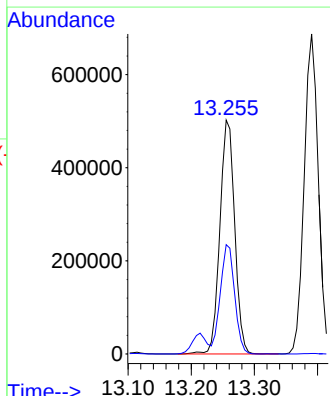
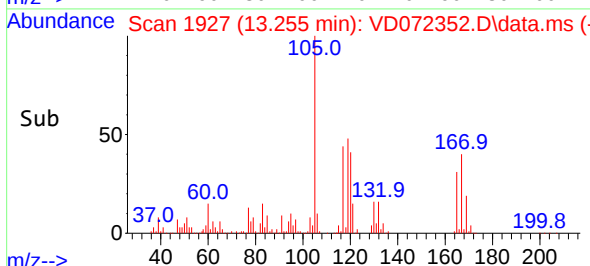
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

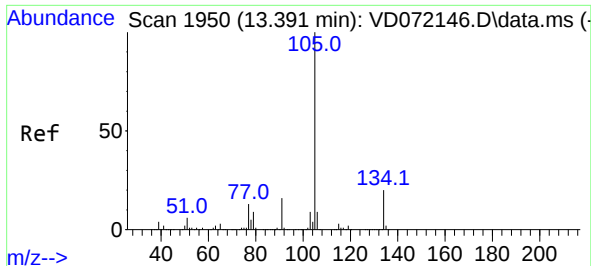


#84
1,2,4-Trimethylbenzene
Concen: 49.798 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52



Tgt Ion:105 Resp: 816362
Ion Ratio Lower Upper
105 100
120 45.1 22.3 66.8





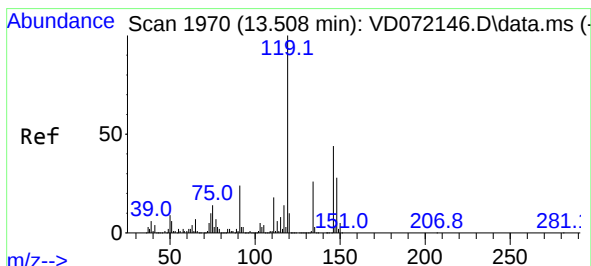
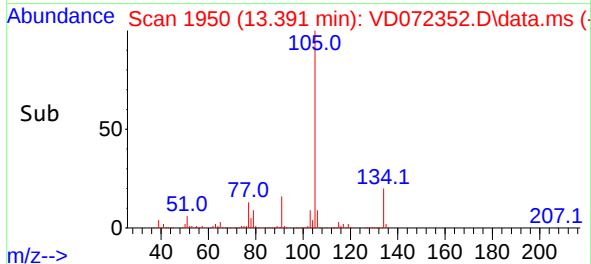
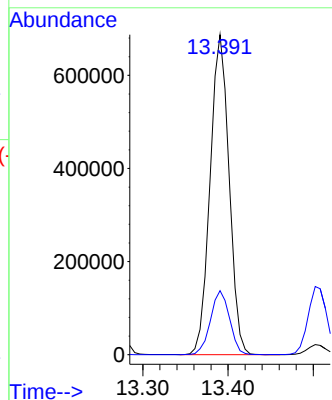
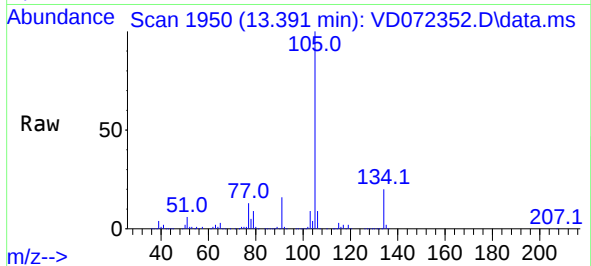
#85
 sec-Butylbenzene
 Concen: 48.474 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VD072352.D
 Acq: 21 Mar 2022 20:52

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 106183
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.3

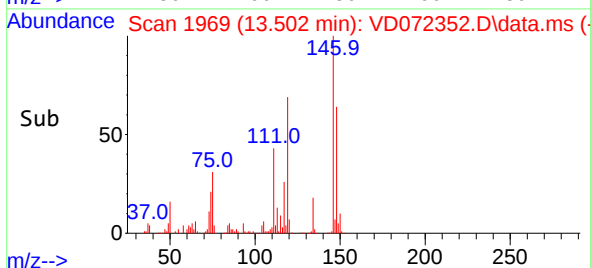
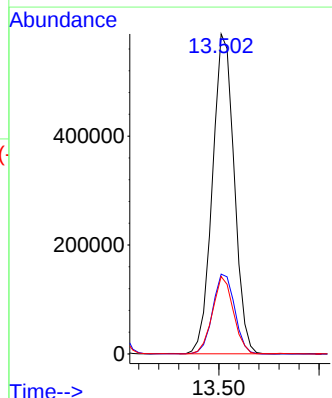
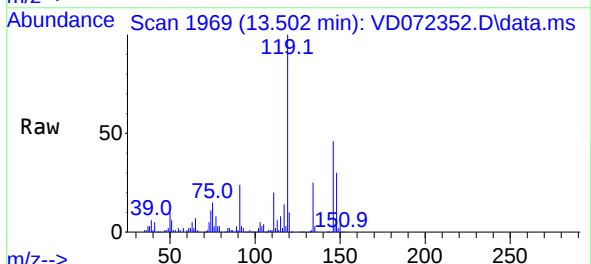
Manual Integrations
 APPROVED

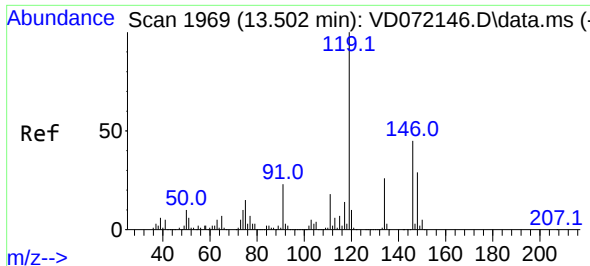
Reviewed By :John Carlone 03/22/2022
 Supervised By :Mahesh Dadoda 03/22/2022



#86
 p-Isopropyltoluene
 Concen: 48.960 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.006 min
 Lab File: VD072352.D
 Acq: 21 Mar 2022 20:52

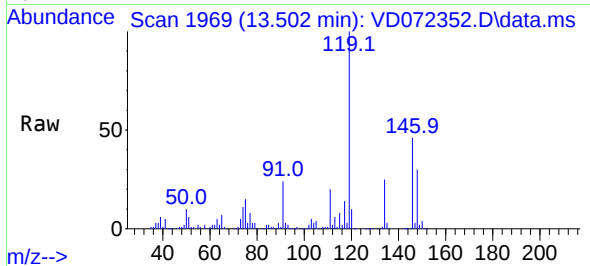
Tgt Ion:119 Resp: 882516
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.9 38.6
 91 23.2 12.1 36.3





#87
1,3-Dichlorobenzene
Concen: 50.396 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52

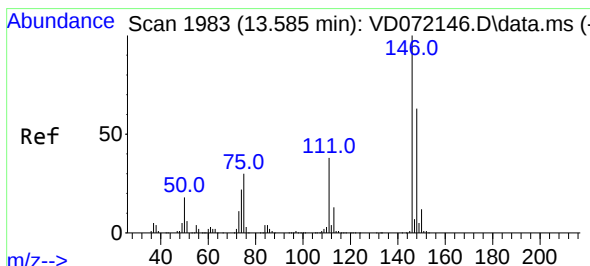
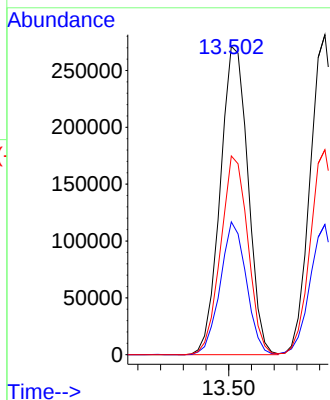
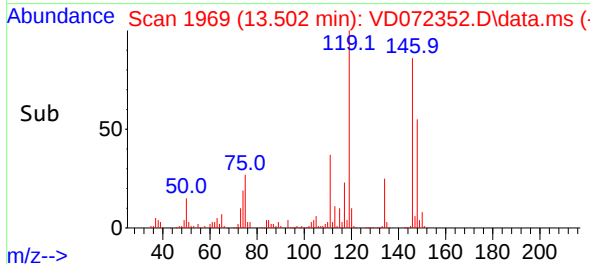
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



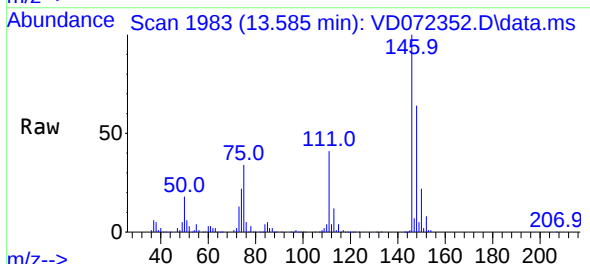
Tgt Ion:146 Resp: 460389
Ion Ratio Lower Upper
146 100
111 40.5 20.4 61.3
148 63.2 31.9 95.7

Manual Integrations
APPROVED

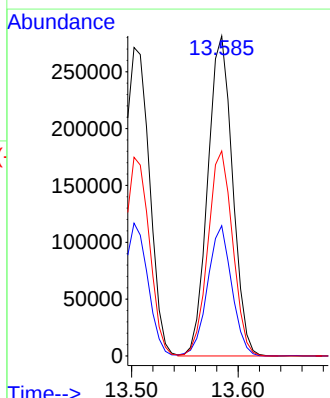
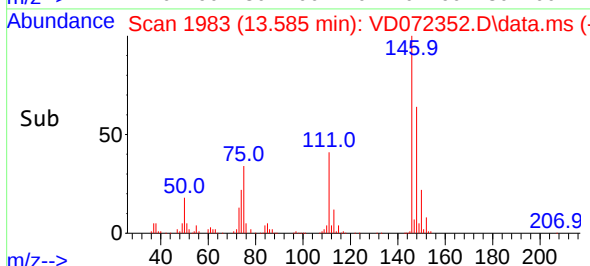
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

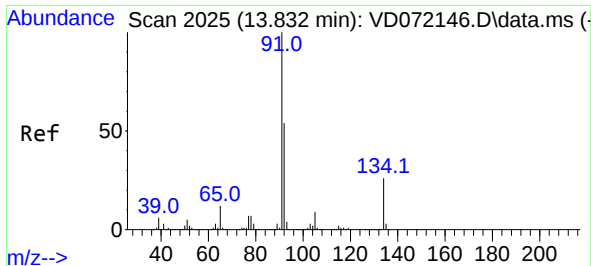


#88
1,4-Dichlorobenzene
Concen: 50.267 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52



Tgt Ion:146 Resp: 455363
Ion Ratio Lower Upper
146 100
111 39.8 20.3 60.9
148 64.1 31.7 95.1





#89
n-Butylbenzene
Concen: 48.260 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. 0.000 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52

Instrument :

MSVOA_D

ClientSampleId :

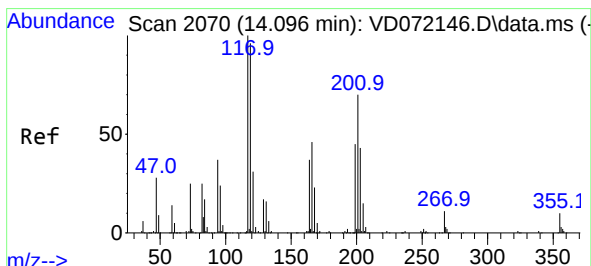
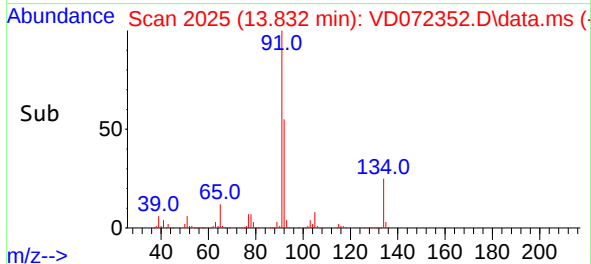
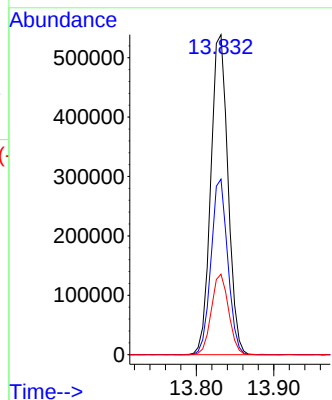
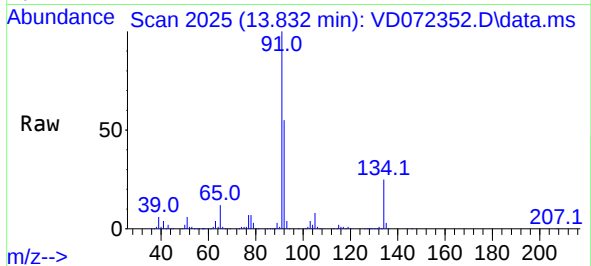
VSTDCCC050EC

Tgt Ion: 91 Resp: 829154
Ion Ratio Lower Upper
91 100
92 53.3 26.6 79.8
134 25.2 12.3 36.9

Manual Integrations

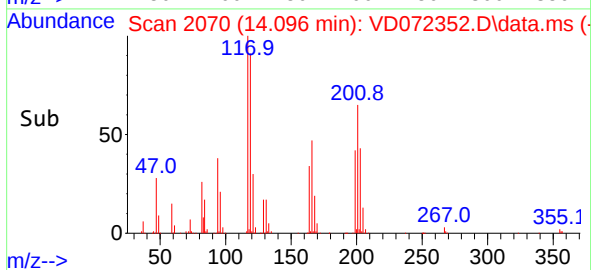
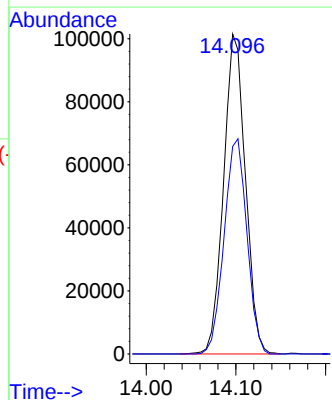
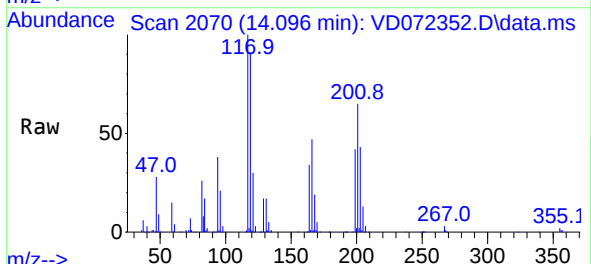
APPROVED

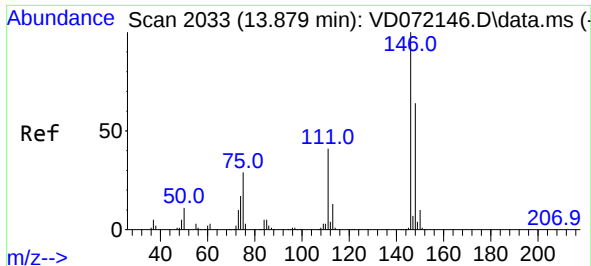
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#90
Hexachloroethane
Concen: 48.539 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52

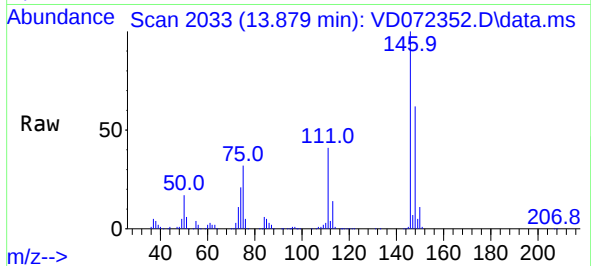
Tgt Ion:117 Resp: 171479
Ion Ratio Lower Upper
117 100
201 70.1 33.4 100.2





#91
1,2-Dichlorobenzene
Concen: 51.607 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. 0.000 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52

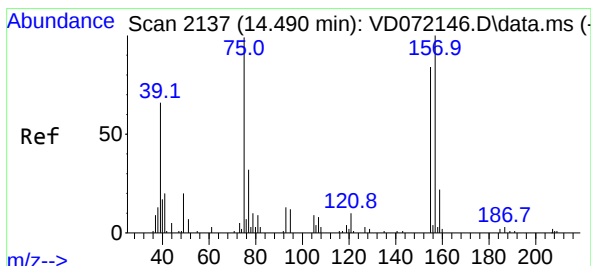
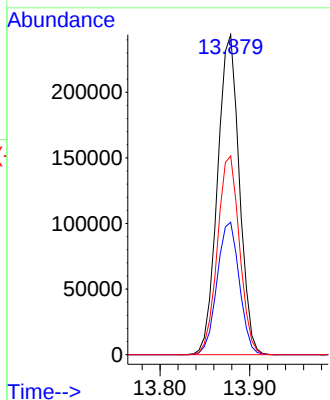
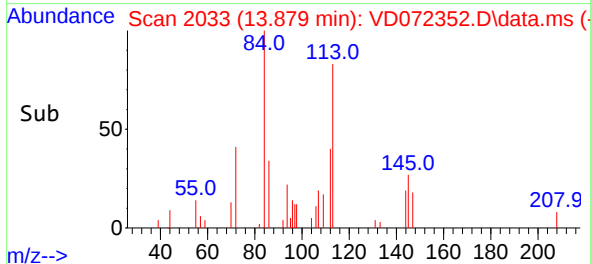
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



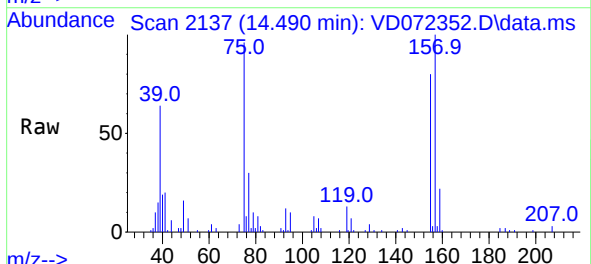
Tgt Ion:146 Resp: 41104
Ion Ratio Lower Upper
146 100
111 42.4 21.1 63.3
148 63.0 31.7 95.1

Manual Integrations
APPROVED

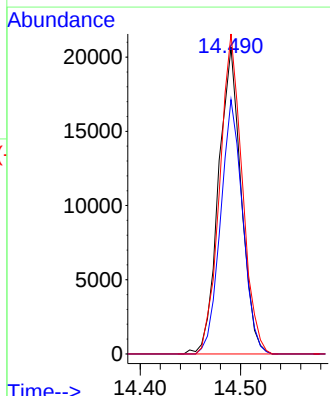
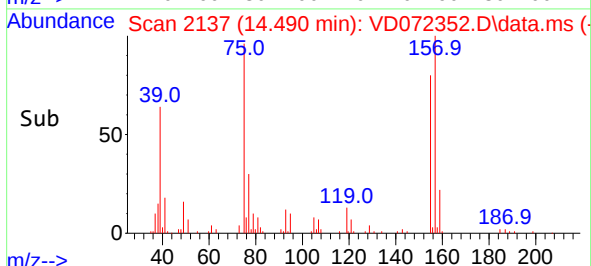
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

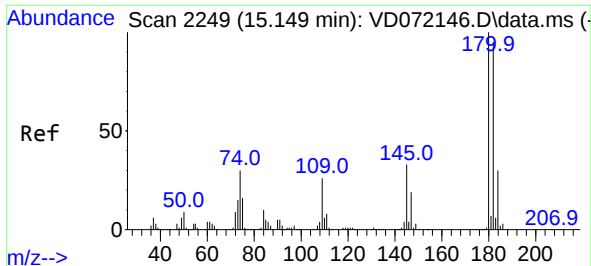


#92
1,2-Dibromo-3-Chloropropane
Concen: 58.378 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52



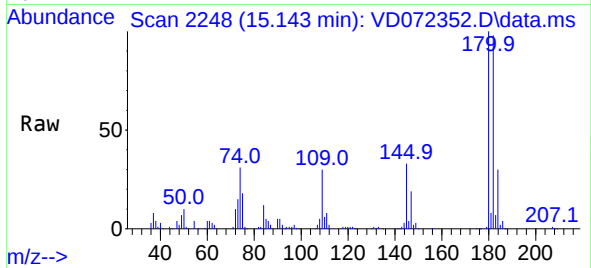
Tgt Ion: 75 Resp: 32270
Ion Ratio Lower Upper
75 100
155 81.0 36.8 110.3
157 104.2 48.4 145.0





#93
1,2,4-Trichlorobenzene
Concen: 46.983 ug/l
RT: 15.143 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52

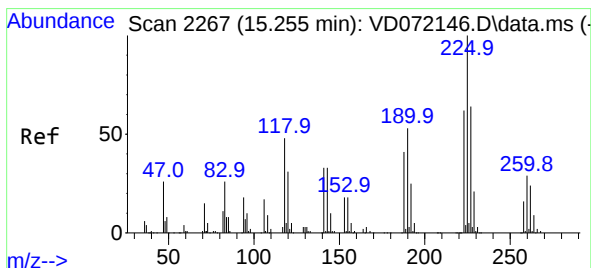
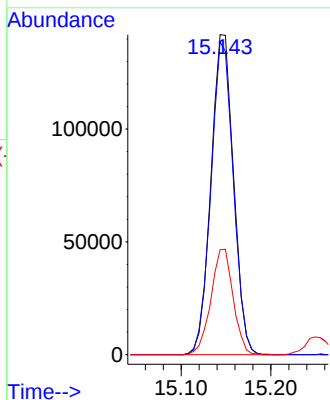
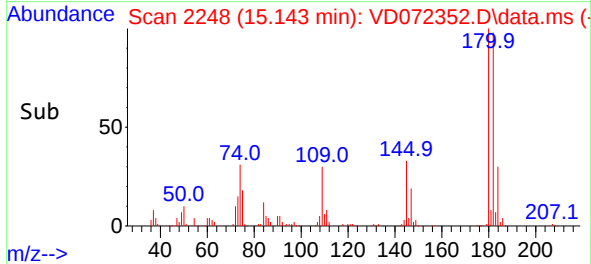
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



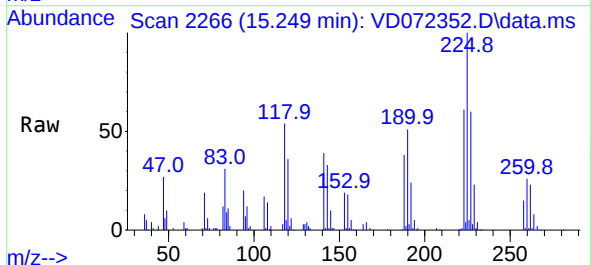
Tgt Ion:180 Resp: 247750
Ion Ratio Lower Upper
180 100
182 97.0 47.3 142.0
145 32.5 16.2 48.5

Manual Integrations
APPROVED

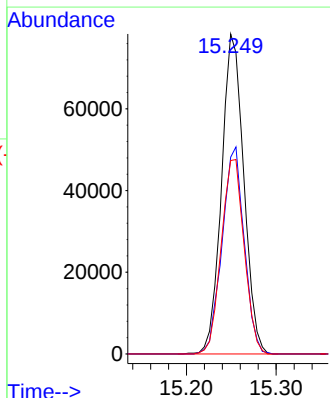
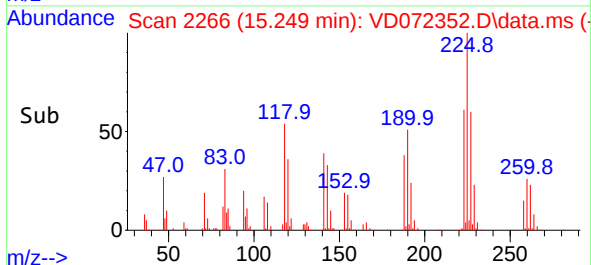
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#94
Hexachlorobutadiene
Concen: 43.874 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. -0.006 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52



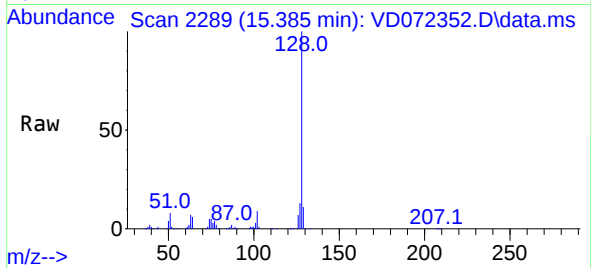
Tgt Ion:225 Resp: 134580
Ion Ratio Lower Upper
225 100
223 64.3 31.1 93.2
227 62.7 32.4 97.0





#95
Naphthalene
Concen: 55.559 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. 0.000 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52

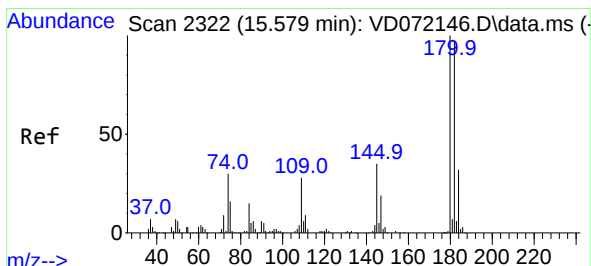
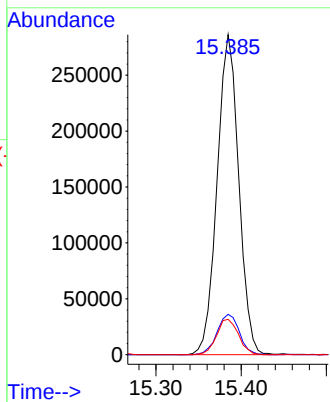
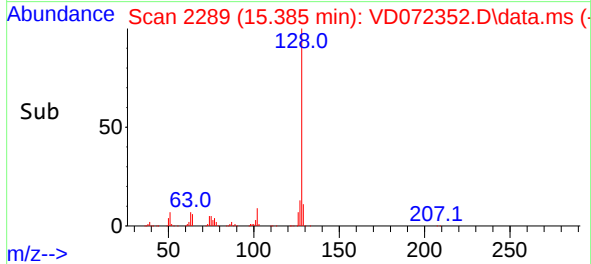
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



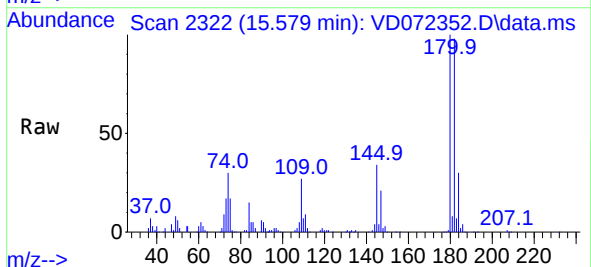
Tgt Ion:128 Resp: 505028
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.2 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#96
1,2,3-Trichlorobenzene
Concen: 50.241 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VD072352.D
Acq: 21 Mar 2022 20:52



Tgt Ion:180 Resp: 229320
Ion Ratio Lower Upper
180 100
182 95.3 47.6 142.9
145 33.6 17.1 51.3

