

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051022\
 Data File : VD072920.D
 Acq On : 10 May 2022 17:57
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/11/2022
 Supervised By : Mahesh Dadoda 05/11/2022

Quant Time: May 11 05:53:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	309723	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	535566	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	512033	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	248050	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	222663	55.383	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.760%			
35) Dibromofluoromethane	7.908	113	206497	54.900	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.800%			
50) Toluene-d8	10.332	98	734549	54.442	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.880%			
62) 4-Bromofluorobenzene	12.620	95	287624	57.171	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 114.340%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	189566	44.292	ug/l	96
3) Chloromethane	2.209	50	212368	47.712	ug/l	98
4) Vinyl Chloride	2.350	62	199010	49.828	ug/l	96
5) Bromomethane	2.762	94	130590	53.257	ug/l	92
6) Chloroethane	2.920	64	127411	51.185	ug/l	100
7) Trichlorofluoromethane	3.267	101	350448	50.109	ug/l	98
8) Diethyl Ether	3.709	74	109077	54.401	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.097	101	211572	50.955	ug/l	99
10) Methyl Iodide	4.297	142	209723	50.330	ug/l	99
11) Tert butyl alcohol	5.214	59	102475	294.594	ug/l	95
12) 1,1-Dichloroethene	4.067	96	192539	51.554	ug/l	93
13) Acrolein	3.920	56	53423	219.202	ug/l	98
14) Allyl chloride	4.708	41	341685	56.668	ug/l	94
15) Acrylonitrile	5.414	53	270536	283.911	ug/l	98
16) Acetone	4.156	43	215688	288.787	ug/l	99
17) Carbon Disulfide	4.408	76	549315	46.778	ug/l	100
18) Methyl Acetate	4.714	43	124050	56.736	ug/l	95
19) Methyl tert-butyl Ether	5.473	73	528717	59.054	ug/l	99
20) Methylene Chloride	4.956	84	270154	57.067	ug/l	89
21) trans-1,2-Dichloroethene	5.467	96	227764	53.176	ug/l	93
22) Diisopropyl ether	6.361	45	783166	59.045	ug/l	93
23) Vinyl Acetate	6.303	43	2165245	295.510	ug/l	95
24) 1,1-Dichloroethane	6.261	63	435438	54.642	ug/l	99
25) 2-Butanone	7.202	43	331399	282.901	ug/l	91
26) 2,2-Dichloropropane	7.202	77	364676	54.131	ug/l	99
27) cis-1,2-Dichloroethene	7.202	96	270793	55.200	ug/l	94
28) Bromochloromethane	7.544	49	165308	55.627	ug/l	88
29) Tetrahydrofuran	7.561	42	216738	290.271	ug/l	92
30) Chloroform	7.702	83	459426	54.486	ug/l	97
31) Cyclohexane	7.979	56	352628	50.174	ug/l	93
32) 1,1,1-Trichloroethane	7.897	97	382569	53.235	ug/l	97
36) 1,1-Dichloropropene	8.102	75	316199	51.700	ug/l	96
37) Ethyl Acetate	7.285	43	159569	56.755	ug/l	97
38) Carbon Tetrachloride	8.091	117	324977	51.187	ug/l	97
39) Methylcyclohexane	9.349	83	370143	52.176	ug/l	99
40) Benzene	8.344	78	945571	53.537	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	95499	57.045	ug/l	94
42) 1,2-Dichloroethane	8.420	62	293045	55.059	ug/l	98
43) Isopropyl Acetate	8.444	43	301309	58.063	ug/l #	96
44) Trichloroethene	9.102	130	246892	52.250	ug/l	96
45) 1,2-Dichloropropane	9.379	63	255104	54.998	ug/l	94
46) Dibromomethane	9.467	93	138134	53.987	ug/l	98
47) Bromodichloromethane	9.655	83	361382	54.903	ug/l	98
48) Methyl methacrylate	9.449	41	153811	60.587	ug/l	93
49) 1,4-Dioxane	9.449	88	31699	1100.183	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	798562	296.141	ug/l	96
52) Toluene	10.396	92	602958	54.727	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	333889	55.226	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	386640	55.045	ug/l	93
55) 1,1,2-Trichloroethane	10.791	97	187606	54.238	ug/l	97
56) Ethyl methacrylate	10.655	69	244365	60.003	ug/l	92
57) 1,3-Dichloropropane	10.938	76	332155	55.959	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	556570	281.874	ug/l	97
59) 2-Hexanone	10.973	43	528775	291.420	ug/l	95
60) Dibromochloromethane	11.132	129	238837	54.851	ug/l	99
61) 1,2-Dibromoethane	11.238	107	181509	53.913	ug/l	99
64) Tetrachloroethene	10.867	164	194063	51.839	ug/l	98
65) Chlorobenzene	11.661	112	643558	54.341	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	244719	54.983	ug/l	98
67) Ethyl Benzene	11.732	91	1155406	56.373	ug/l	100
68) m/p-Xylenes	11.843	106	881050	111.596	ug/l	99
69) o-Xylene	12.167	106	423008	57.369	ug/l	97
70) Styrene	12.185	104	741428	58.037	ug/l	99
71) Bromoform	12.349	173	132430	54.901	ug/l #	99
73) Isopropylbenzene	12.467	105	1115695	57.811	ug/l	99
74) N-amyl acetate	12.279	43	291406	60.633	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	215151	55.227	ug/l	97
76) 1,2,3-Trichloropropane	12.773	75	122747m	44.378	ug/l	
77) Bromobenzene	12.749	156	254785	55.596	ug/l	98
78) n-propylbenzene	12.808	91	1377741	56.643	ug/l	100
79) 2-Chlorotoluene	12.896	91	796884	56.085	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	936549	57.231	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	67916	56.466	ug/l	90
82) 4-Chlorotoluene	12.990	91	839449	56.545	ug/l	99
83) tert-Butylbenzene	13.208	119	772184	55.503	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	931431	56.944	ug/l	100
85) sec-Butylbenzene	13.384	105	1189150	56.671	ug/l	99
86) p-Isopropyltoluene	13.502	119	983030	57.140	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	500217	54.183	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	490321	53.333	ug/l	99
89) n-Butylbenzene	13.826	91	945984	56.762	ug/l	100
90) Hexachloroethane	14.096	117	189673	53.817	ug/l	98
91) 1,2-Dichlorobenzene	13.873	146	439982	54.684	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.484	75	33643	54.478	ug/l	93
93) 1,2,4-Trichlorobenzene	15.143	180	267968	56.237	ug/l	99
94) Hexachlorobutadiene	15.249	225	136816	52.575	ug/l	99
95) Naphthalene	15.379	128	519148	59.258	ug/l	100
96) 1,2,3-Trichlorobenzene	15.573	180	235169	55.675	ug/l	100

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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

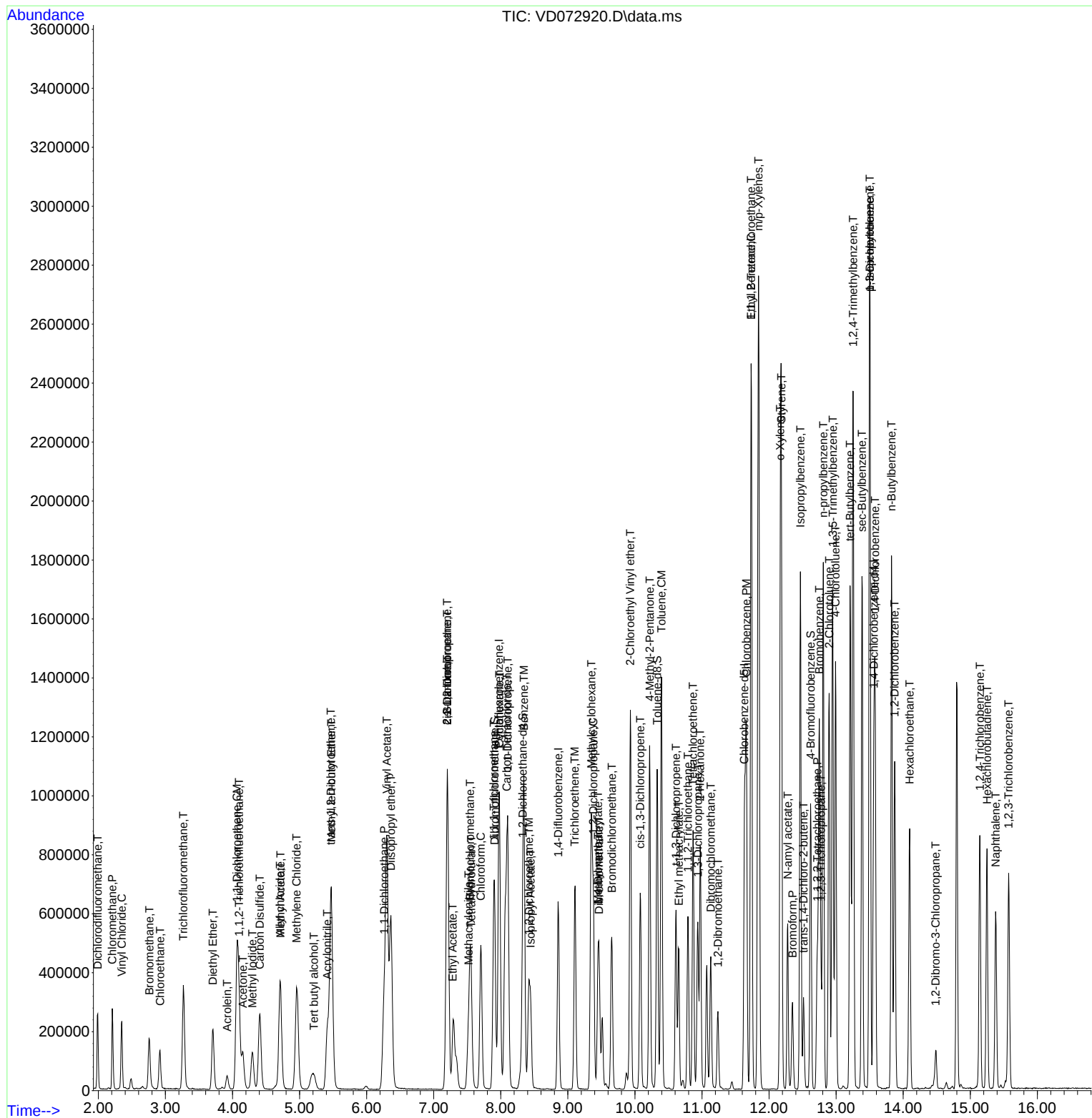
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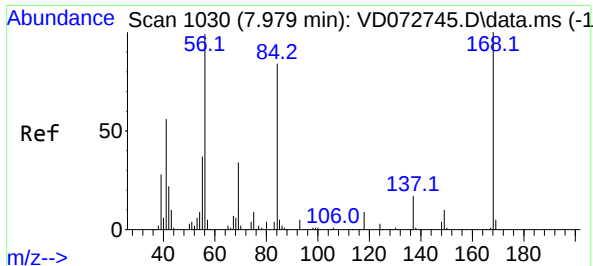
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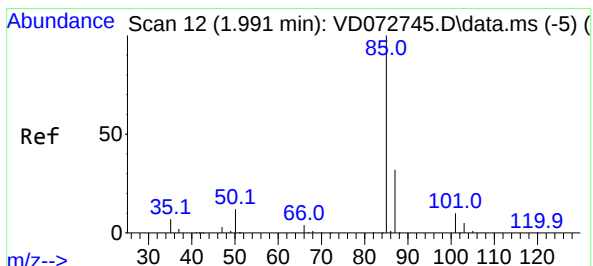
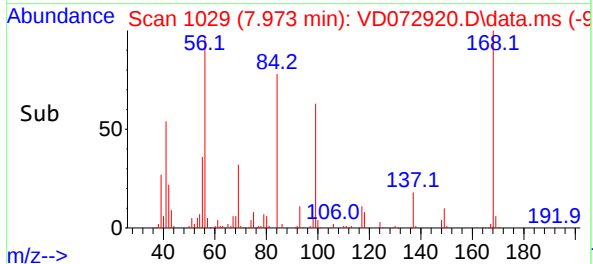
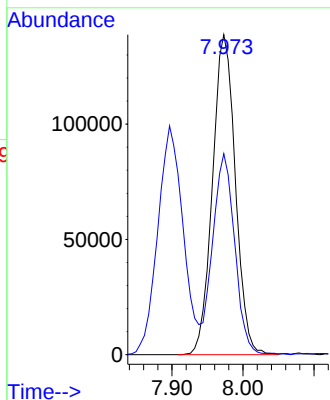
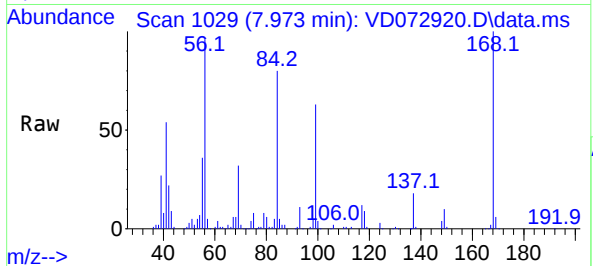
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD072920.D
Acq: 10 May 2022 17:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 30972
Ion Ratio Lower Upper
168 100
99 62.5 49.8 74.6

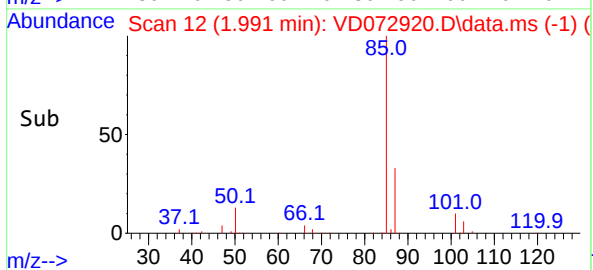
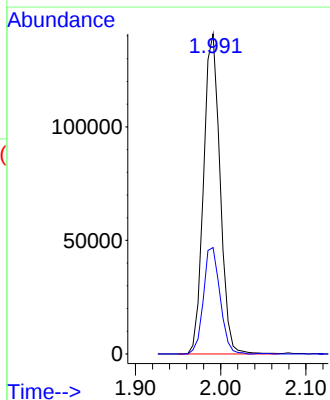
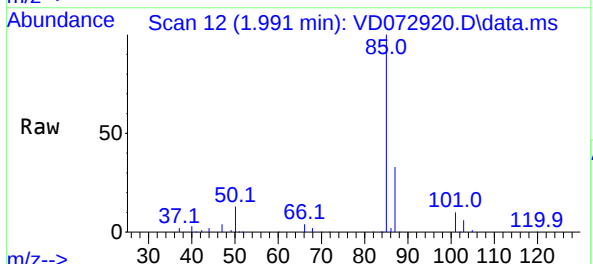
Manual Integrations
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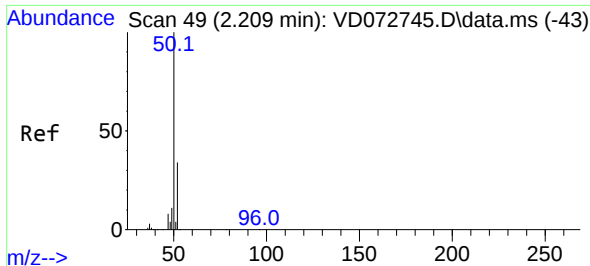
Reviewed By :John Carlone 05/11/2022
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#2
Dichlorodifluoromethane
Concen: 44.292 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD072920.D
Acq: 10 May 2022 17:57

Tgt Ion: 85 Resp: 189566
Ion Ratio Lower Upper
85 100
87 33.2 15.7 47.0





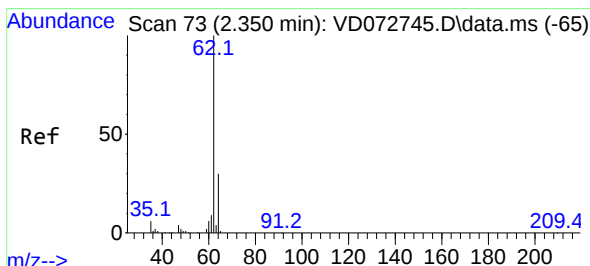
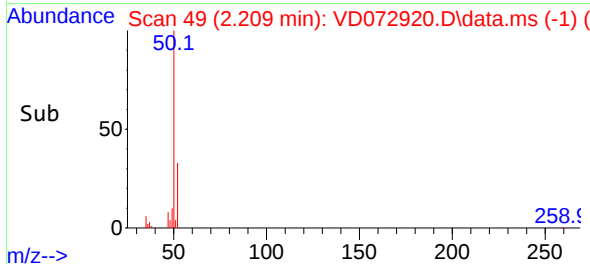
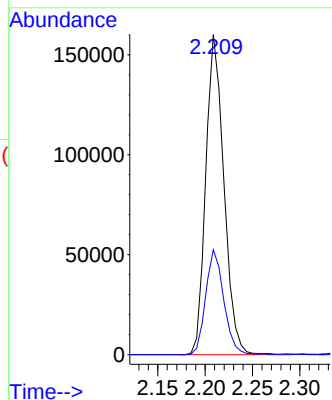
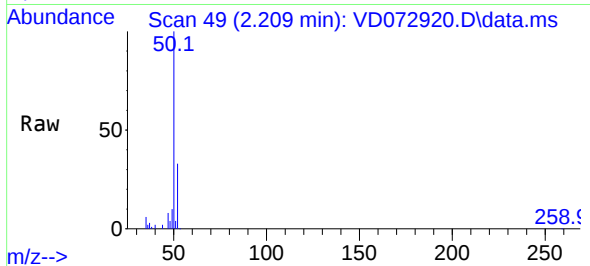
#3
Chloromethane
Concen: 47.712 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD072920.D
Acq: 10 May 2022 17:57

Instrument :
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ClientSampleId :
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Tgt Ion: 50 Resp: 212368
Ion Ratio Lower Upper
50 100
52 32.8 27.4 41.0

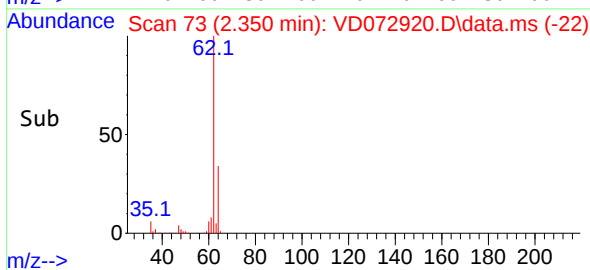
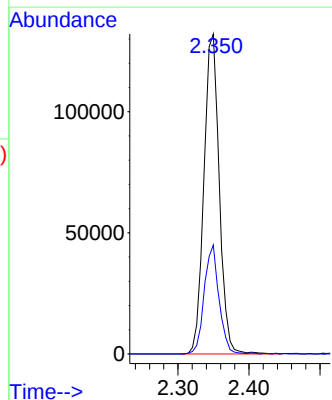
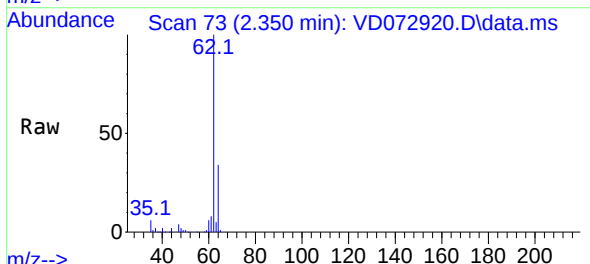
Manual Integrations
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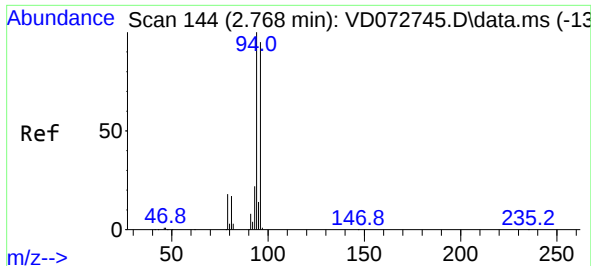
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#4
Vinyl Chloride
Concen: 49.828 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD072920.D
Acq: 10 May 2022 17:57

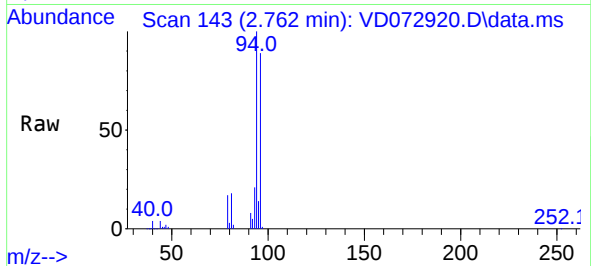
Tgt Ion: 62 Resp: 199010
Ion Ratio Lower Upper
62 100
64 34.0 25.4 38.0





#5
Bromomethane
Concen: 53.257 ug/l
RT: 2.762 min Scan# 144
Delta R.T. -0.006 min
Lab File: VD072920.D
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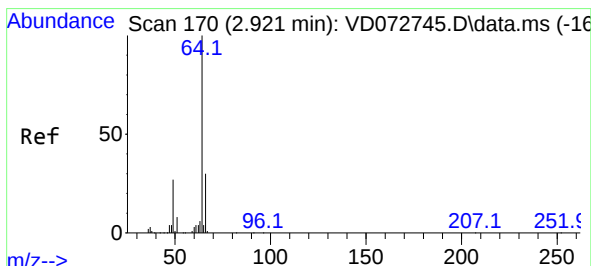
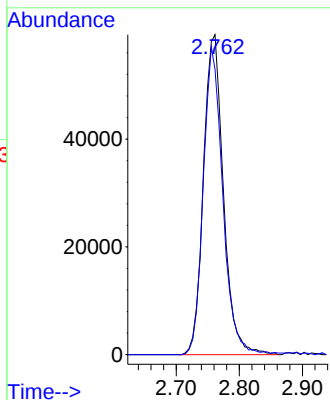
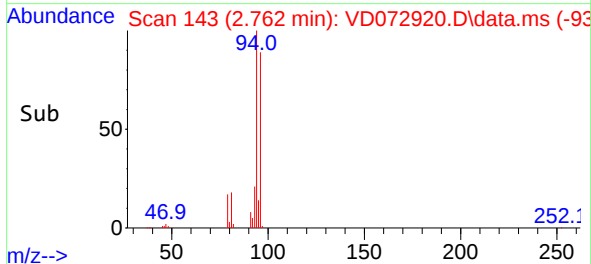
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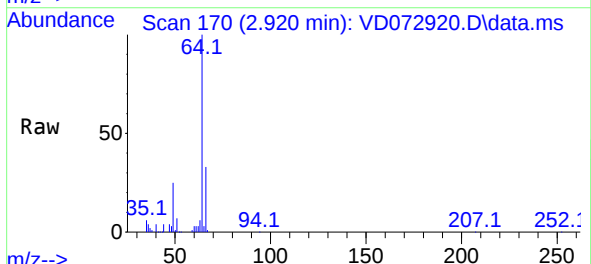
Tgt Ion: 94 Resp: 130590
Ion Ratio Lower Upper
94 100
96 89.2 77.6 116.4

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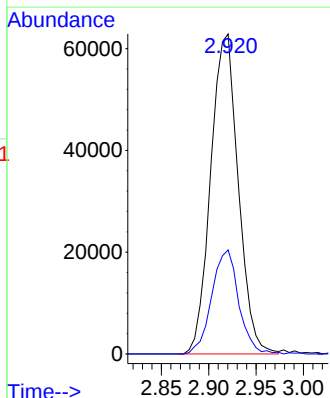
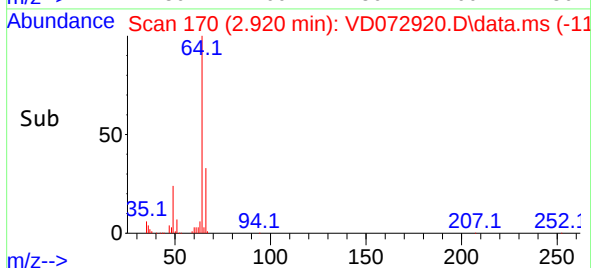
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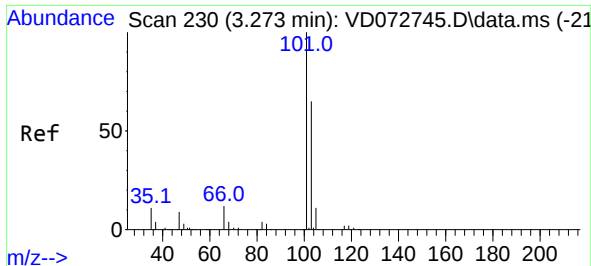


#6
Chloroethane
Concen: 51.185 ug/l
RT: 2.920 min Scan# 170
Delta R.T. -0.001 min
Lab File: VD072920.D
Acq: 10 May 2022 17:57



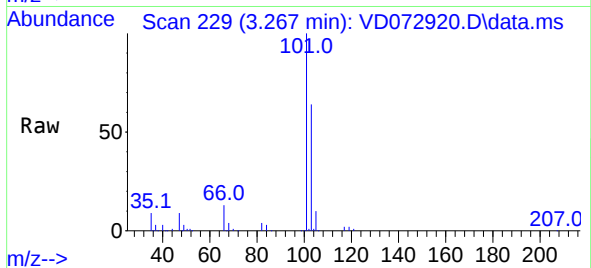
Tgt Ion: 64 Resp: 127411
Ion Ratio Lower Upper
64 100
66 32.5 25.9 38.9





#7
Trichlorofluoromethane
Concen: 50.109 ug/l
RT: 3.267 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD072920.D
Acq: 10 May 2022 17:57

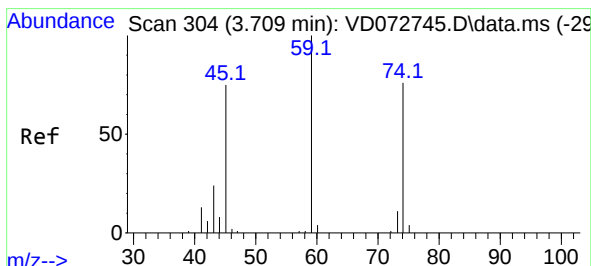
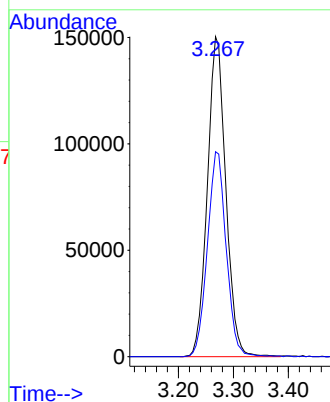
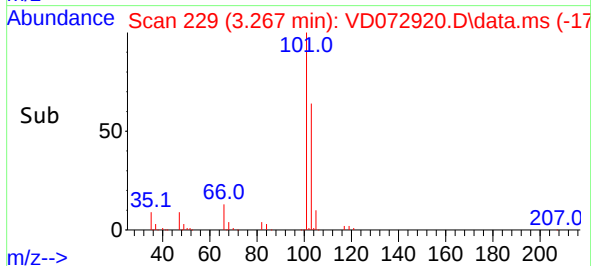
Instrument :
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Tgt Ion:101 Resp: 350448
Ion Ratio Lower Upper
101 100
103 64.0 50.1 75.1

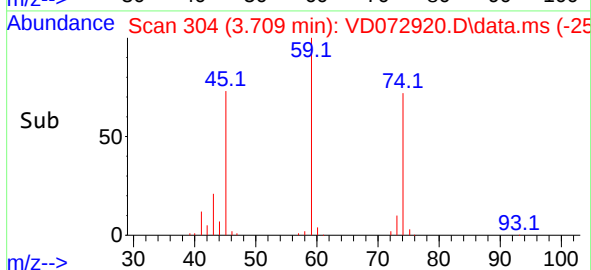
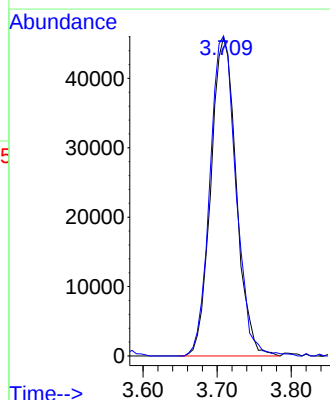
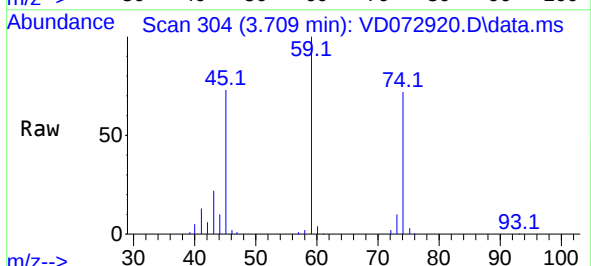
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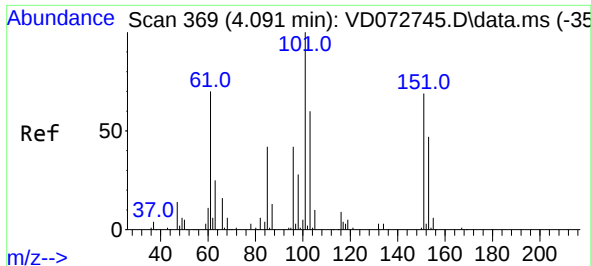
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#8
Diethyl Ether
Concen: 54.401 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.000 min
Lab File: VD072920.D
Acq: 10 May 2022 17:57

Tgt Ion: 74 Resp: 109077
Ion Ratio Lower Upper
74 100
45 103.4 52.6 157.8





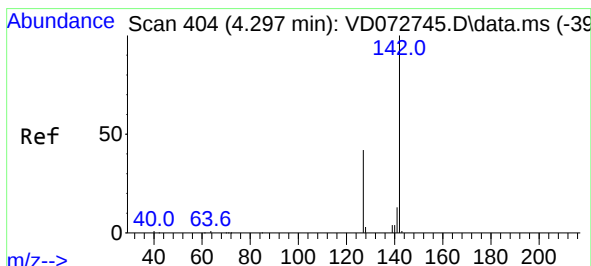
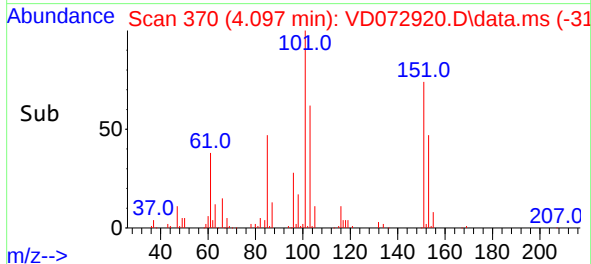
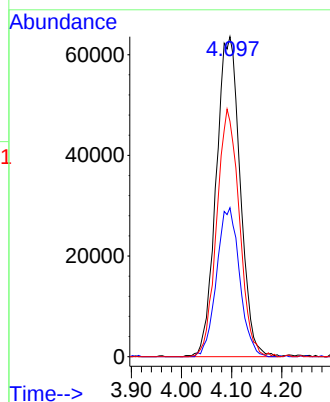
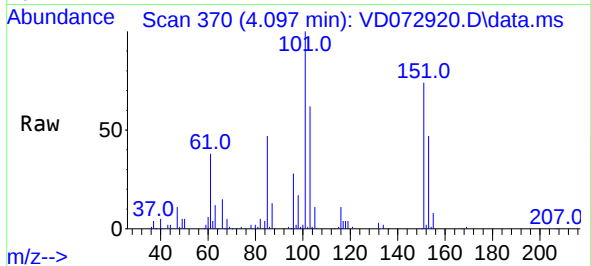
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.955 ug/l
RT: 4.097 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD072920.D
Acq: 10 May 2022 17:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 211572
Ion Ratio Lower Upper
101 100
85 44.6 36.4 54.6
151 72.8 57.3 85.9

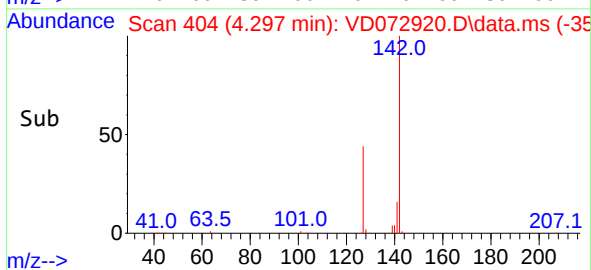
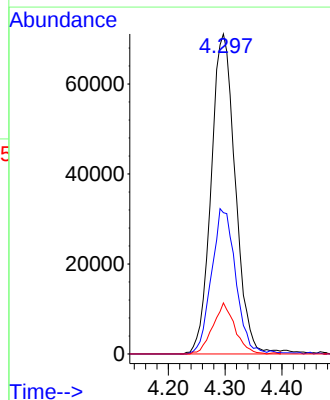
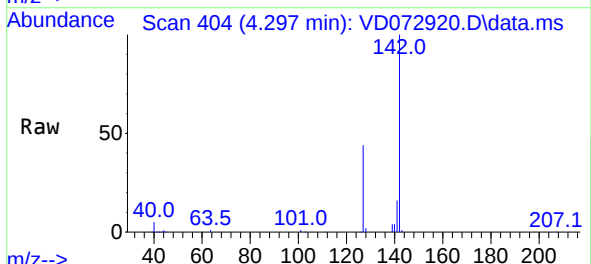
Manual Integrations
APPROVED

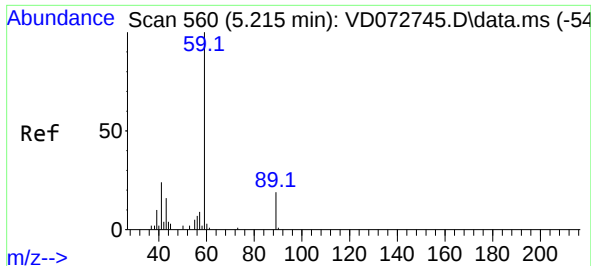
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#10
Methyl Iodide
Concen: 50.330 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD072920.D
Acq: 10 May 2022 17:57

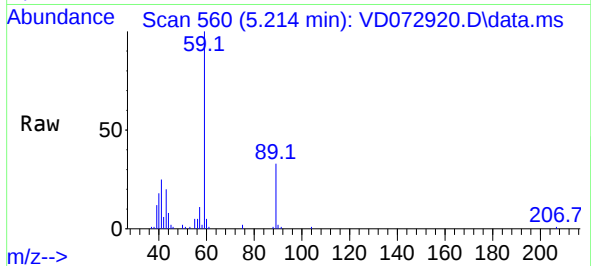
Tgt Ion:142 Resp: 209723
Ion Ratio Lower Upper
142 100
127 45.4 37.3 55.9
141 14.6 11.7 17.5





#11
Tert butyl alcohol
Concen: 294.594 ug/l
RT: 5.214 min Scan# 50
Delta R.T. -0.001 min
Lab File: VD072920.D
Acq: 10 May 2022 17:57

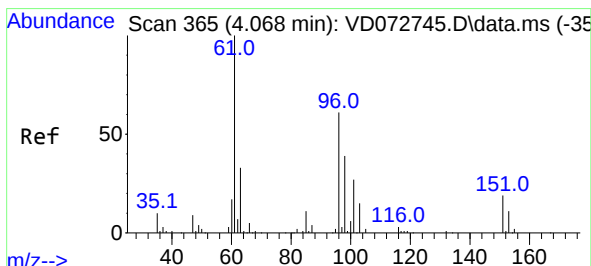
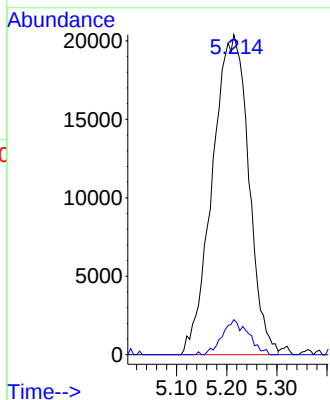
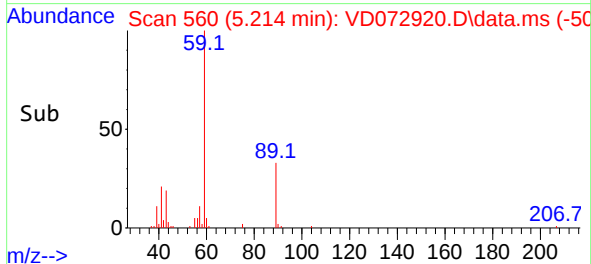
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



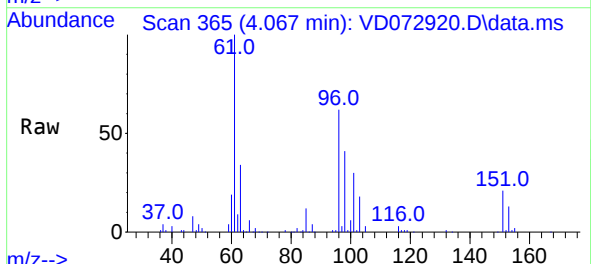
Tgt Ion: 59 Resp: 102475
Ion Ratio Lower Upper
59 100
57 7.8 7.8 11.6

Manual Integrations
APPROVED

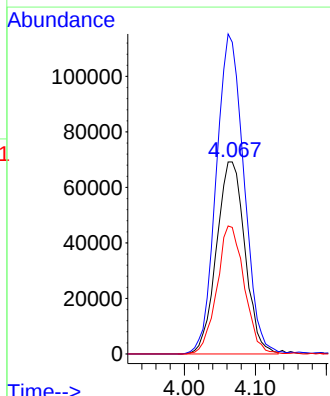
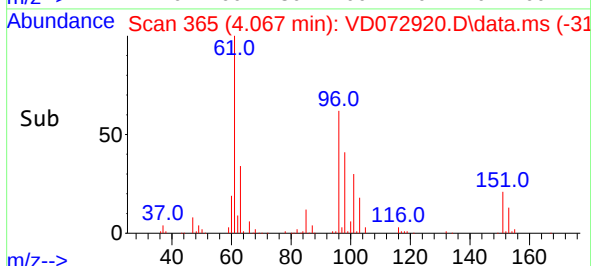
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

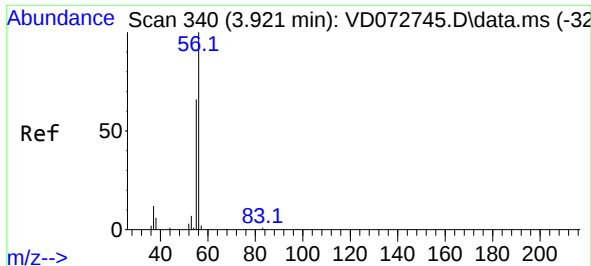


#12
1,1-Dichloroethene
Concen: 51.554 ug/l
RT: 4.067 min Scan# 365
Delta R.T. -0.001 min
Lab File: VD072920.D
Acq: 10 May 2022 17:57



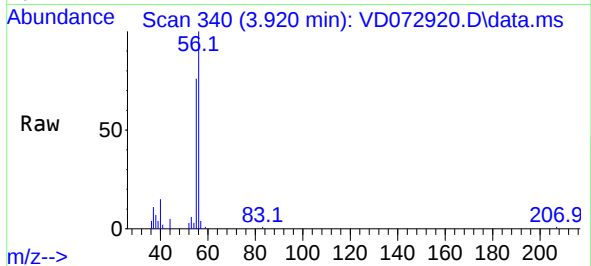
Tgt Ion: 96 Resp: 192539
Ion Ratio Lower Upper
96 100
61 162.4 138.5 207.7
98 65.9 48.6 73.0





#13
Acrolein
Concen: 219.202 ug/l
RT: 3.920 min Scan# 340
Delta R.T. -0.001 min
Lab File: VD072920.D
Acq: 10 May 2022 17:57

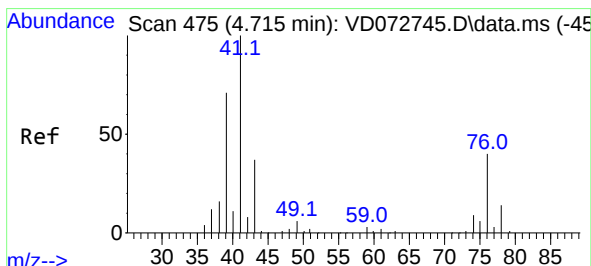
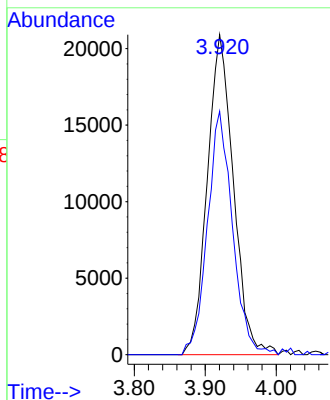
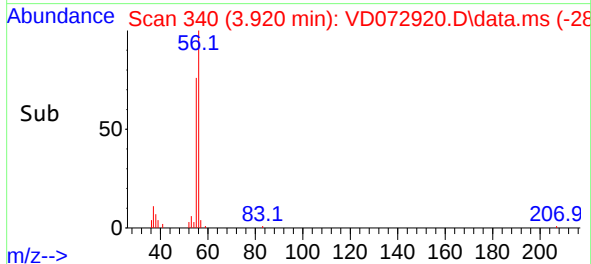
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



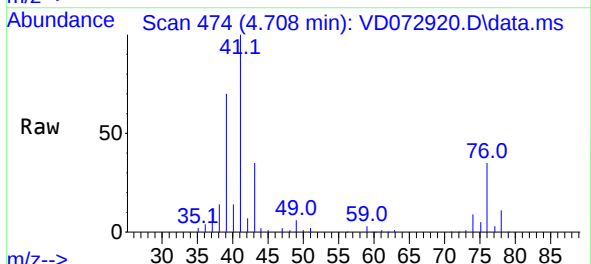
Tgt Ion: 56 Resp: 5342
Ion Ratio Lower Upper
56 100
55 72.9 57.1 85.7

Manual Integrations
APPROVED

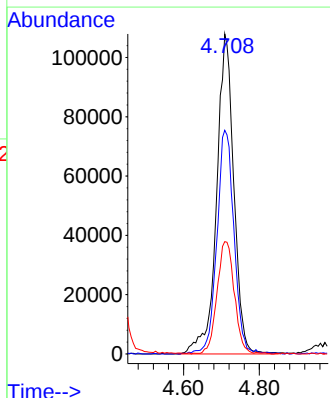
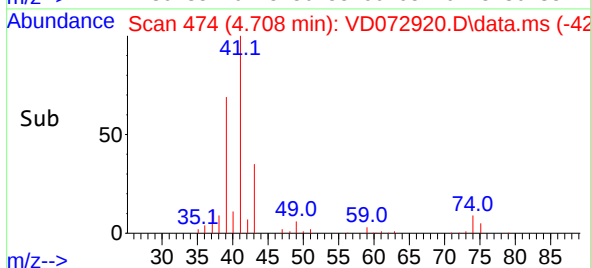
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

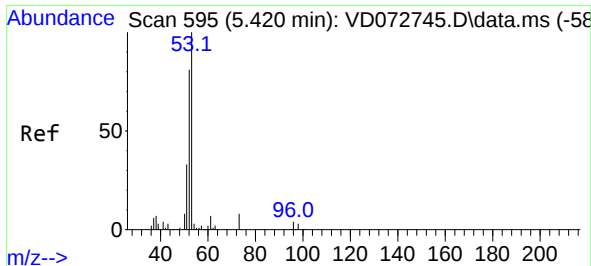


#14
Allyl chloride
Concen: 56.668 ug/l
RT: 4.708 min Scan# 474
Delta R.T. -0.007 min
Lab File: VD072920.D
Acq: 10 May 2022 17:57



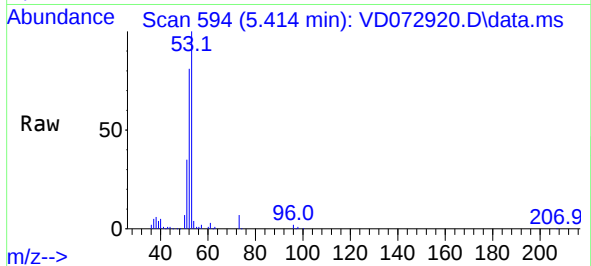
Tgt Ion: 41 Resp: 341685
Ion Ratio Lower Upper
41 100
39 69.0 59.3 88.9
76 35.2 25.7 38.5





#15
Acrylonitrile
Concen: 283.911 ug/l
RT: 5.414 min Scan# 594
Delta R.T. -0.006 min
Lab File: VD072920.D
Acq: 10 May 2022 17:57

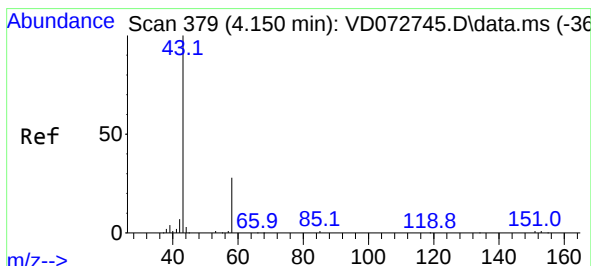
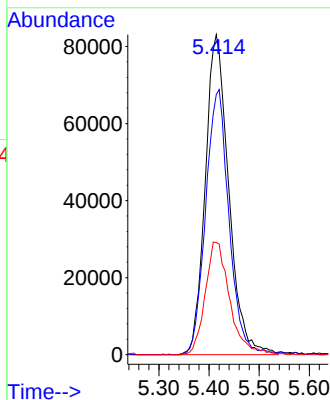
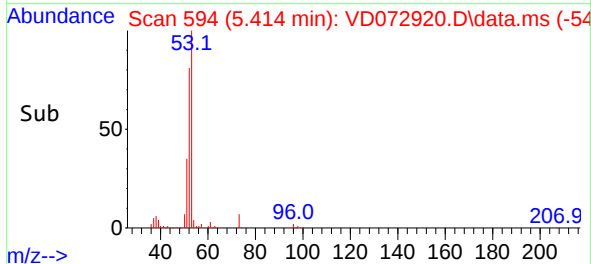
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



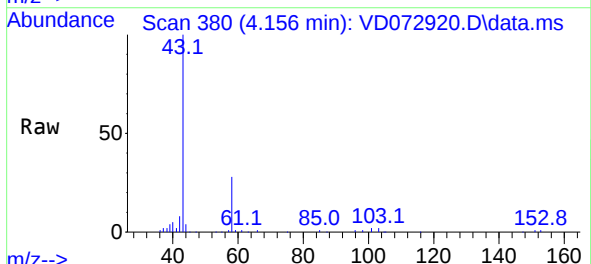
Tgt Ion: 53 Resp: 270530
Ion Ratio Lower Upper
53 100
52 82.2 67.2 100.8
51 36.8 30.3 45.5

Manual Integrations
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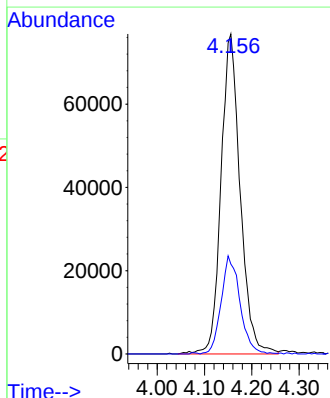
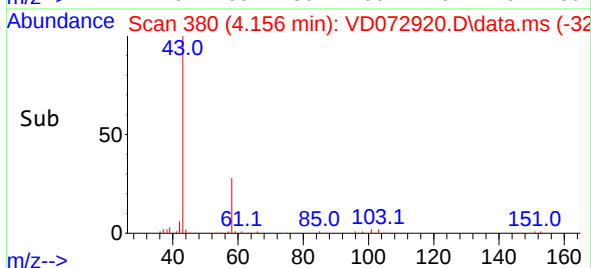
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

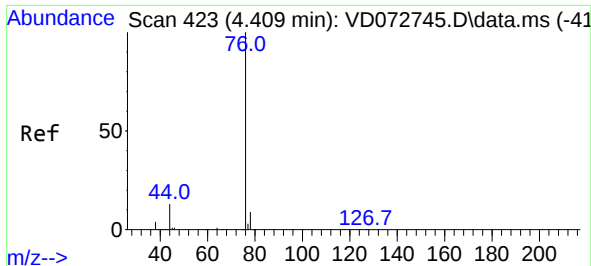


#16
Acetone
Concen: 288.787 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD072920.D
Acq: 10 May 2022 17:57



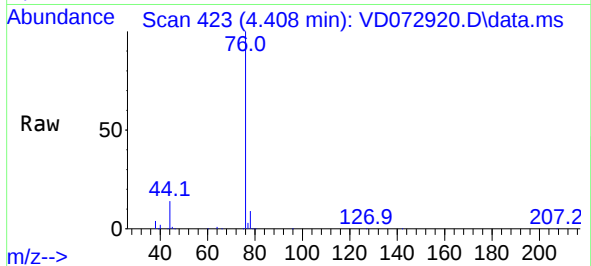
Tgt Ion: 43 Resp: 215688
Ion Ratio Lower Upper
43 100
58 28.1 22.1 33.1





#17
Carbon Disulfide
Concen: 46.778 ug/l
RT: 4.408 min Scan# 41
Delta R.T. -0.001 min
Lab File: VD072920.D
Acq: 10 May 2022 17:57

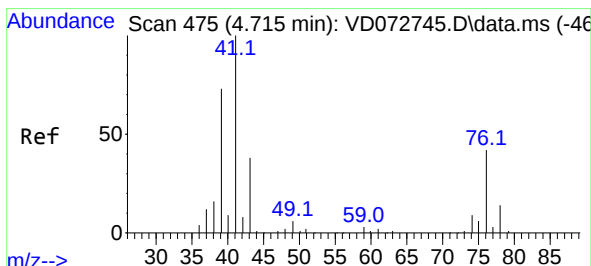
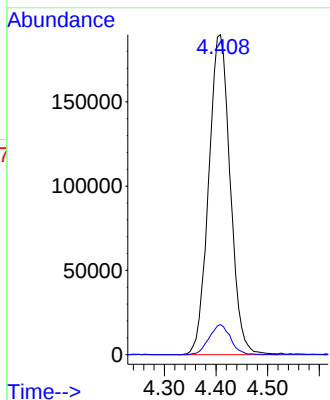
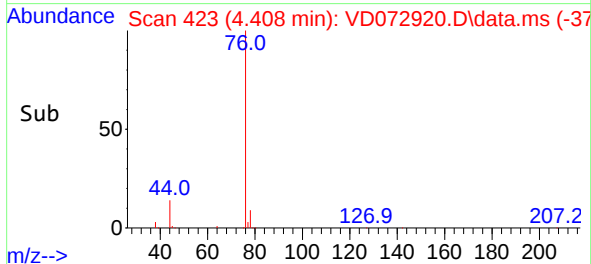
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



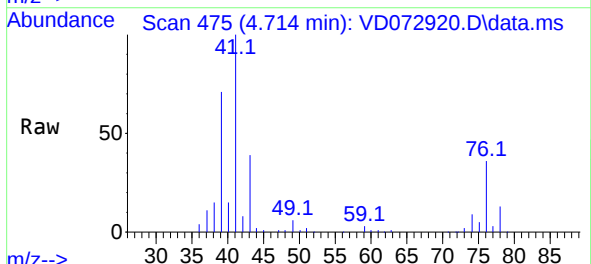
Tgt Ion: 76 Resp: 54931
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3

Manual Integrations
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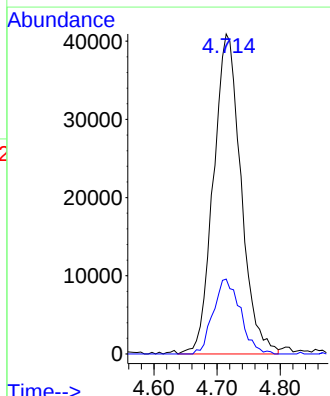
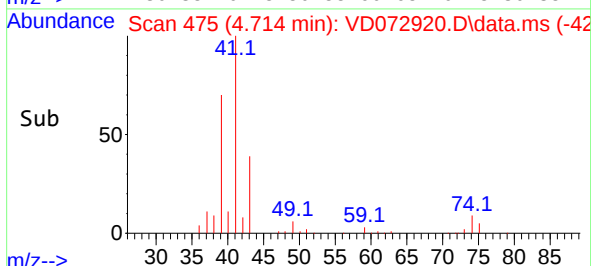
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

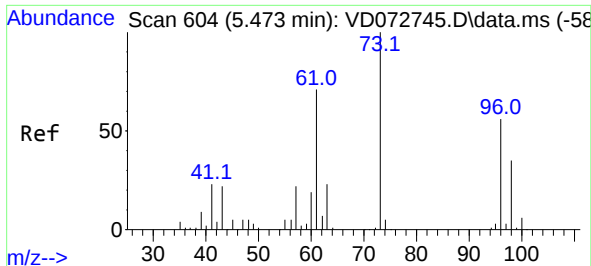


#18
Methyl Acetate
Concen: 56.736 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.001 min
Lab File: VD072920.D
Acq: 10 May 2022 17:57



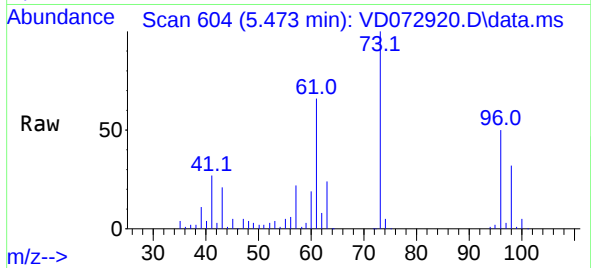
Tgt Ion: 43 Resp: 124050
Ion Ratio Lower Upper
43 100
74 23.0 16.7 25.1





#19
Methyl tert-butyl Ether
Concen: 59.054 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD072920.D
Acq: 10 May 2022 17:57

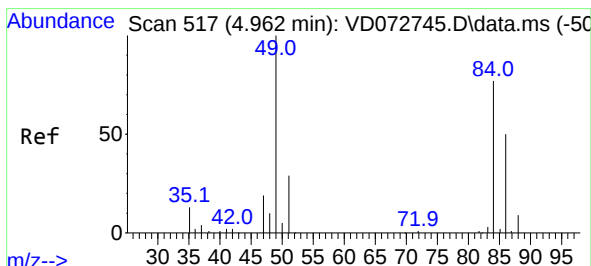
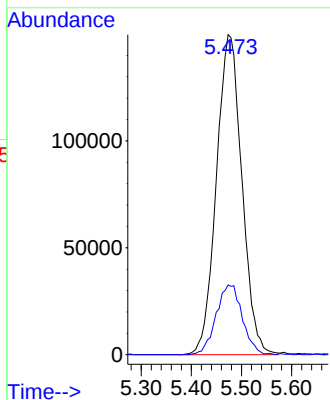
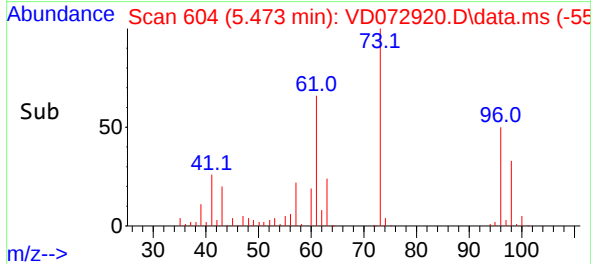
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



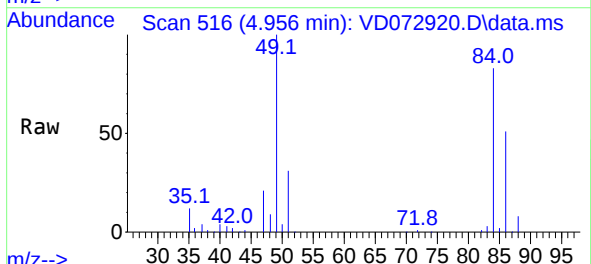
Tgt Ion: 73 Resp: 52871
Ion Ratio Lower Upper
73 100
57 21.8 18.0 27.0

Manual Integrations
APPROVED

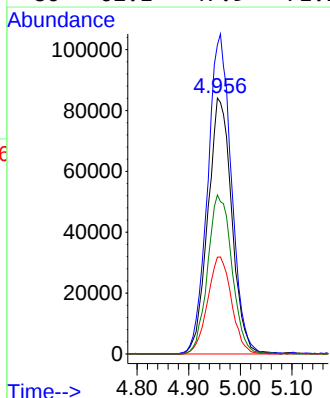
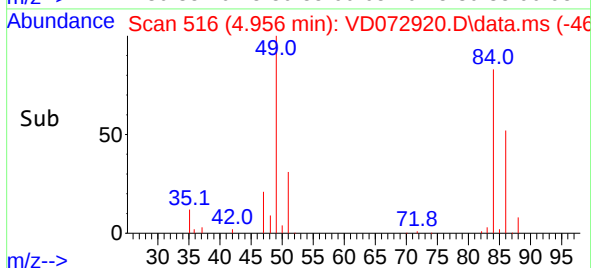
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

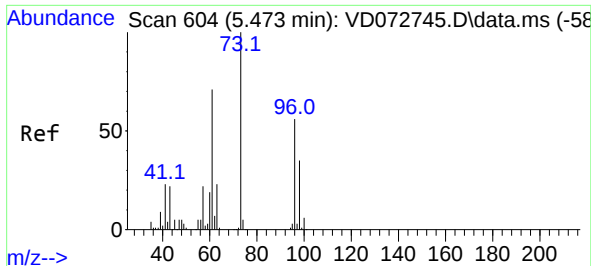


#20
Methylene Chloride
Concen: 57.067 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD072920.D
Acq: 10 May 2022 17:57



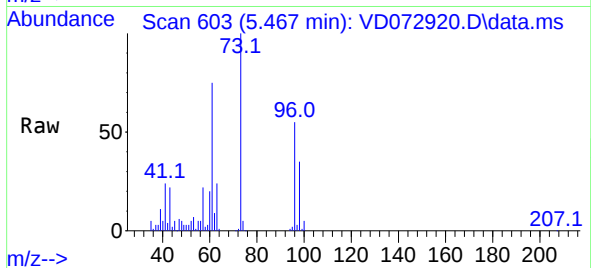
Tgt Ion: 84 Resp: 270154
Ion Ratio Lower Upper
84 100
49 120.7 112.8 169.2
51 37.8 32.6 48.8
86 62.1 47.9 71.9





#21
trans-1,2-Dichloroethene
Concen: 53.176 ug/l
RT: 5.467 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD072920.D
Acq: 10 May 2022 17:57

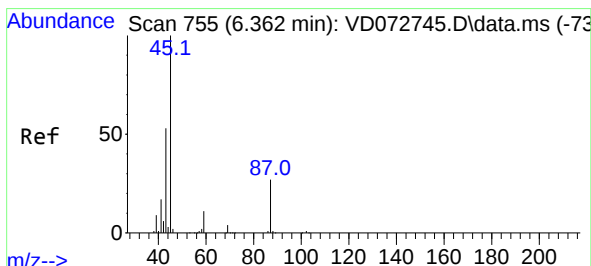
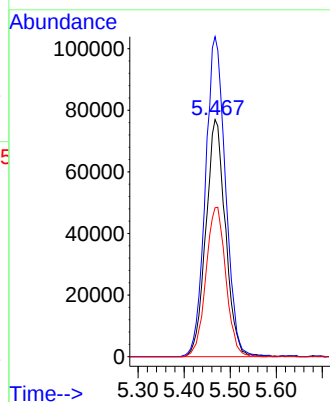
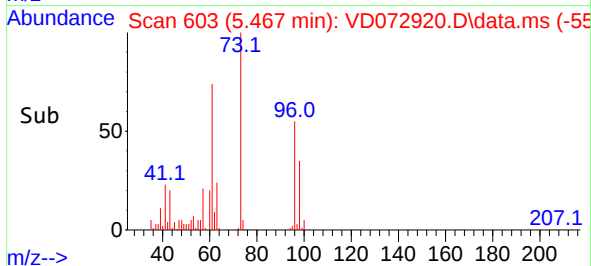
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 227764
Ion Ratio Lower Upper
96 100
61 134.9 117.9 176.9
98 62.8 49.4 74.2

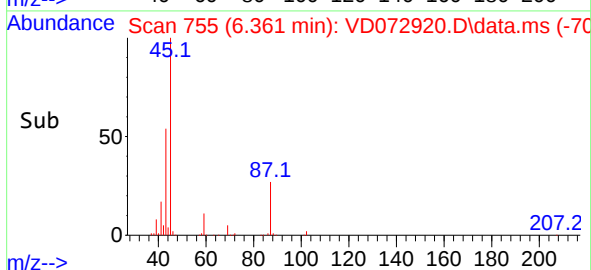
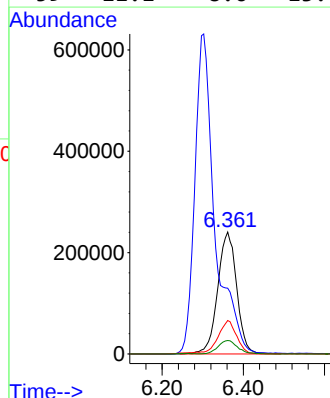
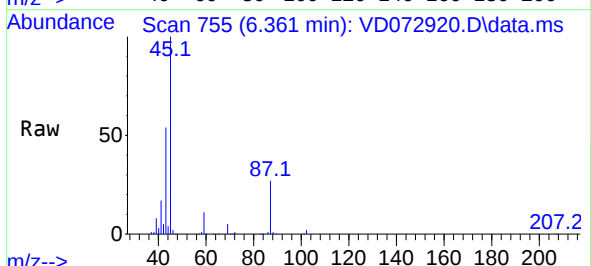
Manual Integrations
APPROVED

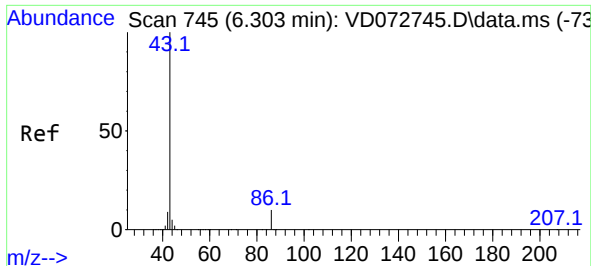
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#22
Diisopropyl ether
Concen: 59.045 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.001 min
Lab File: VD072920.D
Acq: 10 May 2022 17:57

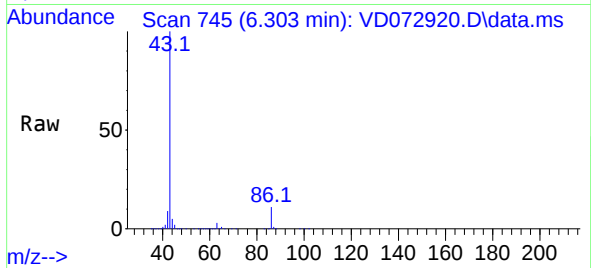
Tgt Ion: 45 Resp: 783166
Ion Ratio Lower Upper
45 100
43 53.3 46.6 70.0
87 27.3 18.4 27.6
59 11.1 8.6 13.0





#23
 Vinyl Acetate
 Concen: 295.510 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD072920.D
 Acq: 10 May 2022 17:57

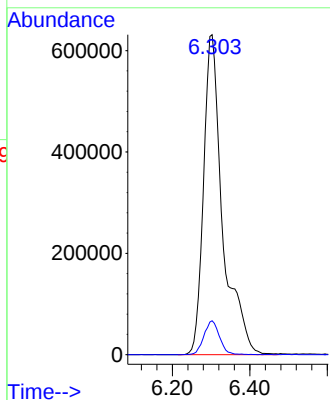
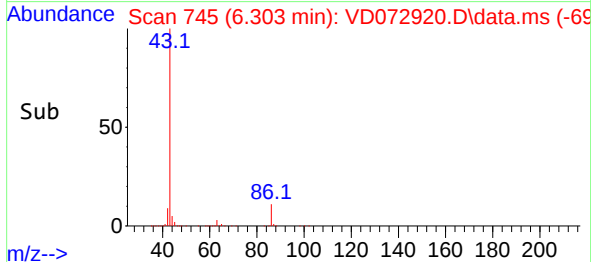
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



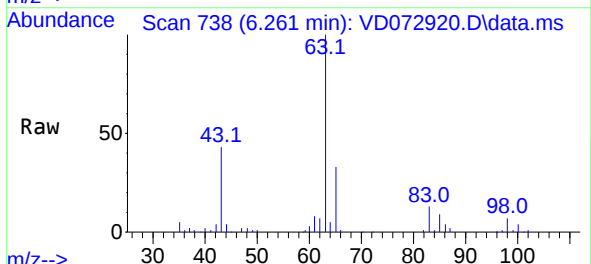
Tgt Ion: 43 Resp: 216524
 Ion Ratio Lower Upper
 43 100
 86 10.6 7.1 10.7

Manual Integrations
 APPROVED

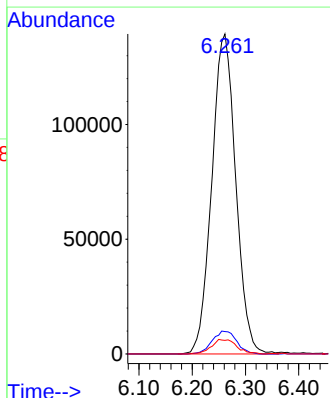
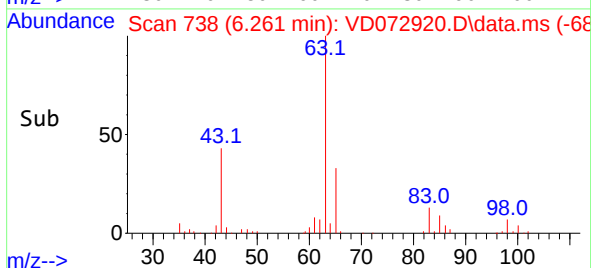
Reviewed By :John Carlone 05/11/2022
 Supervised By :Mahesh Dadoda 05/11/2022

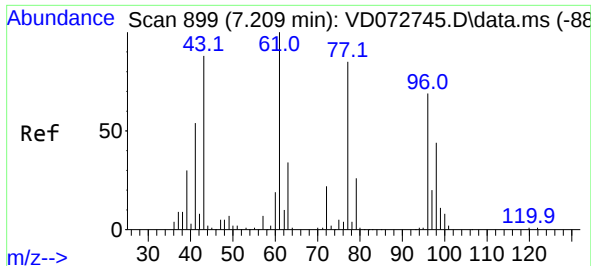


#24
 1,1-Dichloroethane
 Concen: 54.642 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. 0.005 min
 Lab File: VD072920.D
 Acq: 10 May 2022 17:57



Tgt Ion: 63 Resp: 435438
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.6 10.9
 100 4.2 2.1 6.5





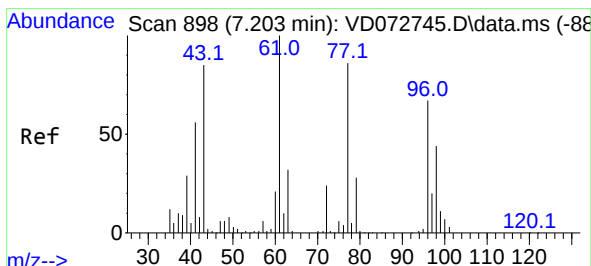
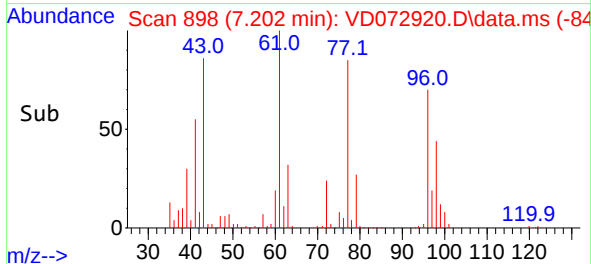
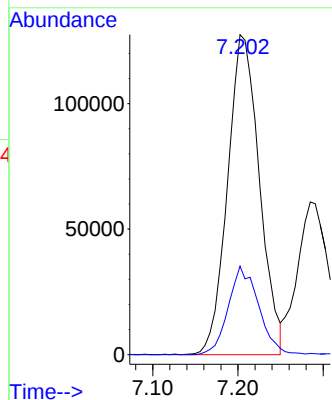
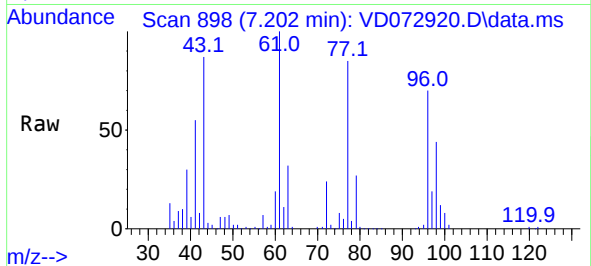
#25
2-Butanone
Concen: 282.901 ug/l
RT: 7.202 min Scan# 898
Delta R.T. -0.007 min
Lab File: VD072920.D
Acq: 10 May 2022 17:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 331399
Ion Ratio Lower Upper
43 100
72 27.7 18.6 27.8

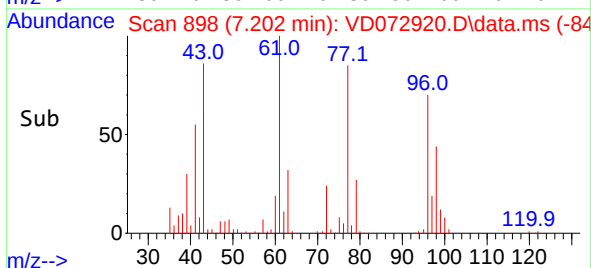
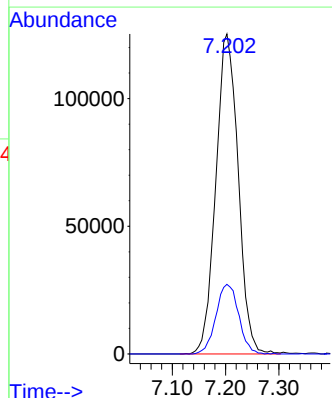
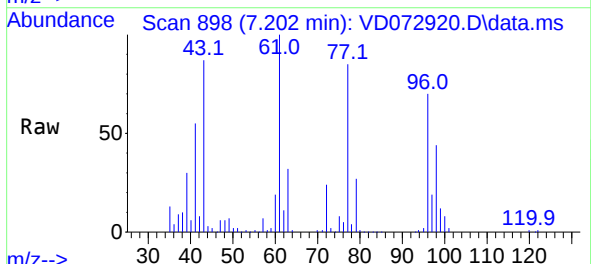
Manual Integrations
APPROVED

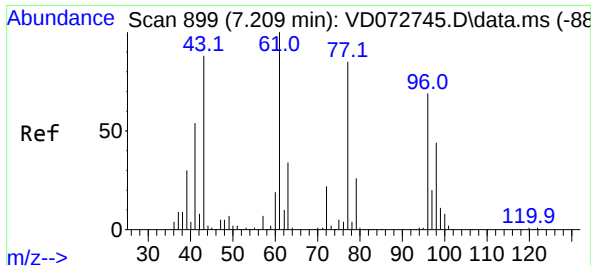
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#26
2,2-Dichloropropane
Concen: 54.131 ug/l
RT: 7.202 min Scan# 898
Delta R.T. -0.001 min
Lab File: VD072920.D
Acq: 10 May 2022 17:57

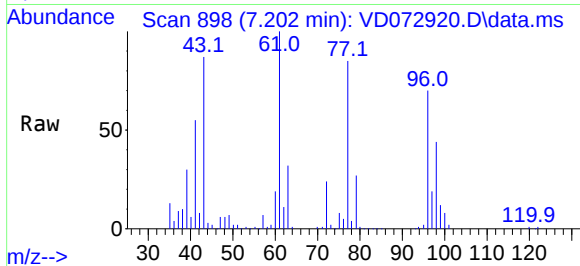
Tgt Ion: 77 Resp: 364676
Ion Ratio Lower Upper
77 100
97 22.1 10.8 32.4





#27
 cis-1,2-Dichloroethene
 Concen: 55.200 ug/l
 RT: 7.202 min Scan# 899
 Delta R.T. -0.007 min
 Lab File: VD072920.D
 Acq: 10 May 2022 17:57

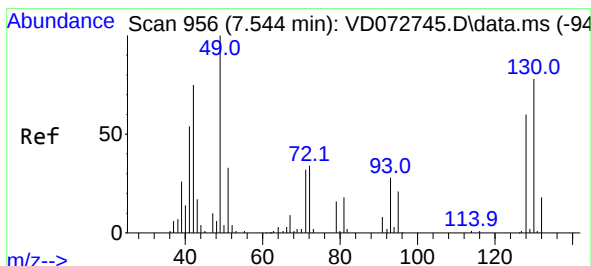
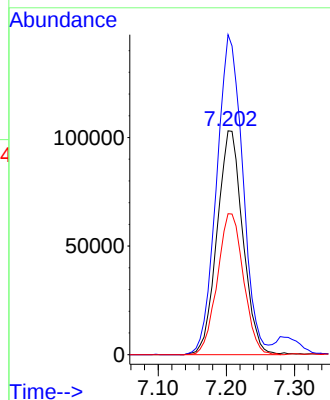
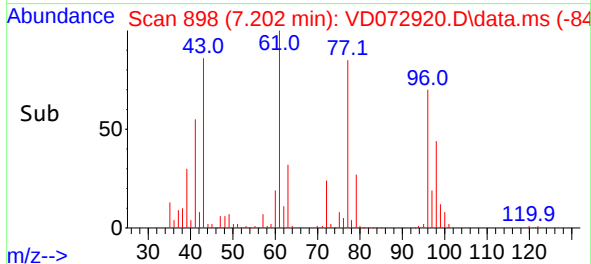
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 270793
 Ion Ratio Lower Upper
 96 100
 61 145.4 0.0 313.8
 98 64.1 0.0 128.8

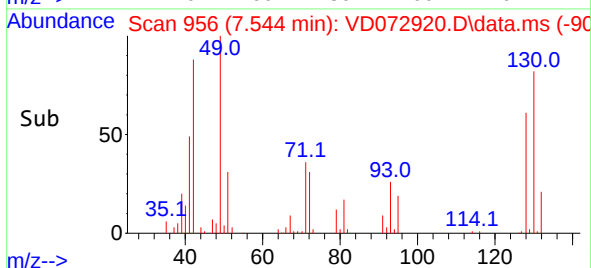
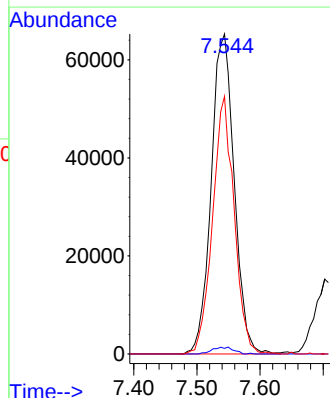
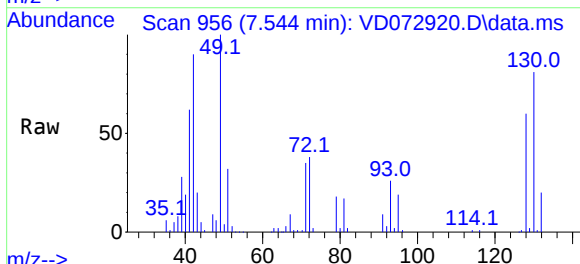
Manual Integrations
 APPROVED

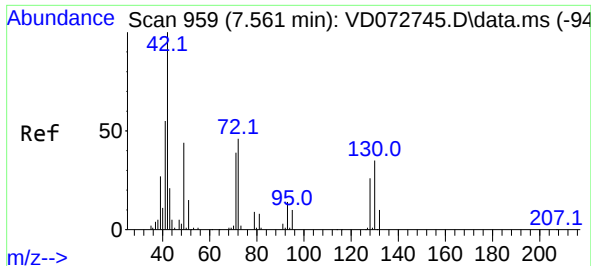
Reviewed By :John Carlone 05/11/2022
 Supervised By :Mahesh Dadoda 05/11/2022



#28
 Bromochloromethane
 Concen: 55.627 ug/l
 RT: 7.544 min Scan# 956
 Delta R.T. -0.000 min
 Lab File: VD072920.D
 Acq: 10 May 2022 17:57

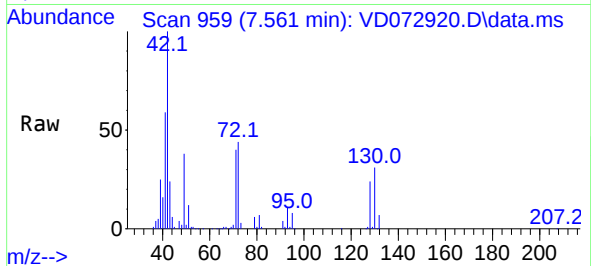
Tgt Ion: 49 Resp: 165308
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.0
 130 75.2 52.6 79.0





#29
Tetrahydrofuran
Concen: 290.271 ug/l
RT: 7.561 min Scan# 959
Delta R.T. 0.000 min
Lab File: VD072920.D
Acq: 10 May 2022 17:57

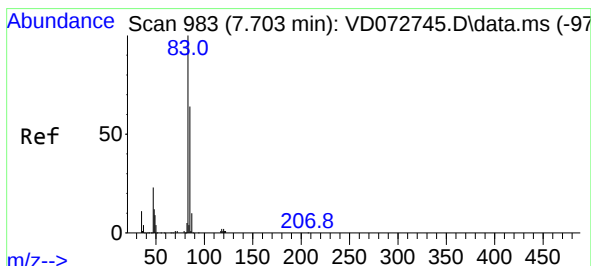
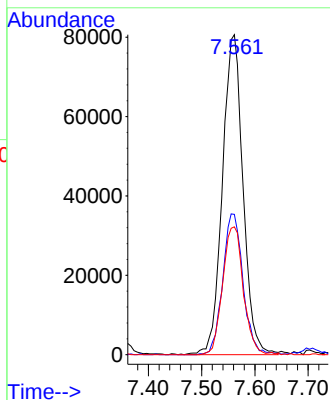
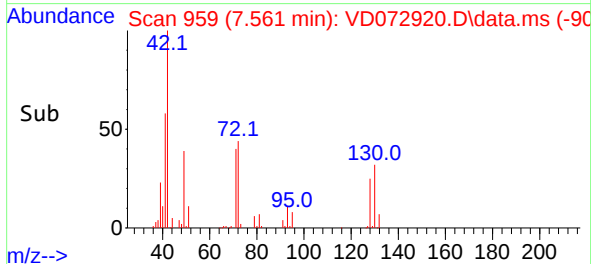
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



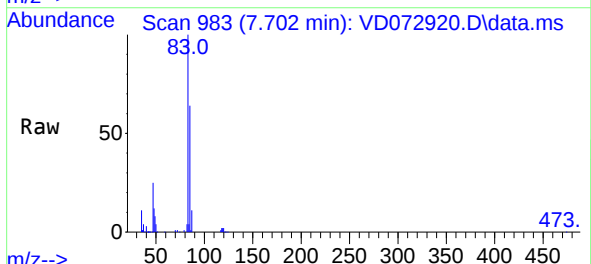
Tgt Ion: 42 Resp: 216738
Ion Ratio Lower Upper
42 100
72 43.4 30.7 46.1
71 40.2 28.6 43.0

Manual Integrations
APPROVED

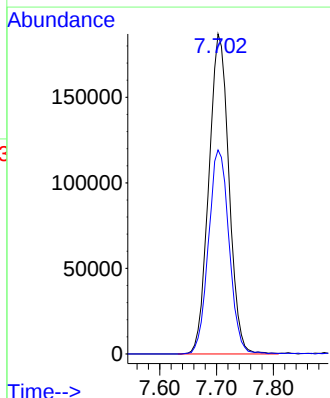
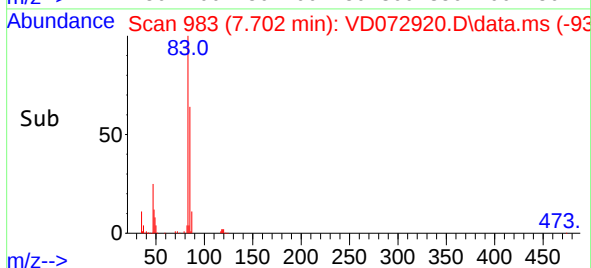
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

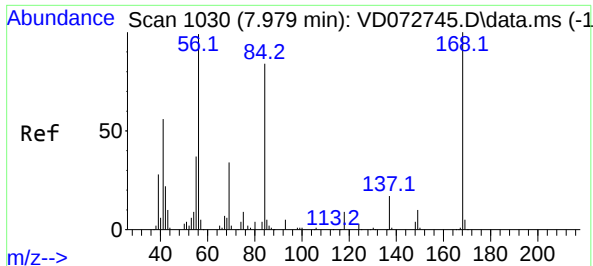


#30
Chloroform
Concen: 54.486 ug/l
RT: 7.702 min Scan# 983
Delta R.T. -0.001 min
Lab File: VD072920.D
Acq: 10 May 2022 17:57



Tgt Ion: 83 Resp: 459426
Ion Ratio Lower Upper
83 100
85 63.7 52.7 79.1





#31

Cyclohexane

Concen: 50.174 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VD072920.D

Acq: 10 May 2022 17:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 352628

Ion Ratio Lower Upper

56 100

69 35.0 25.4 38.2

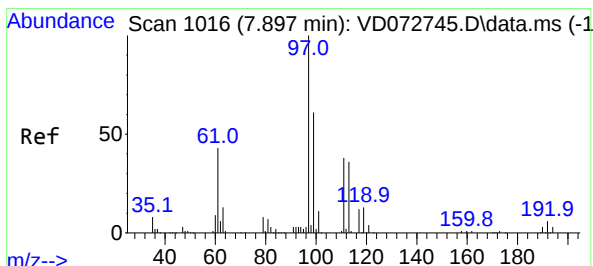
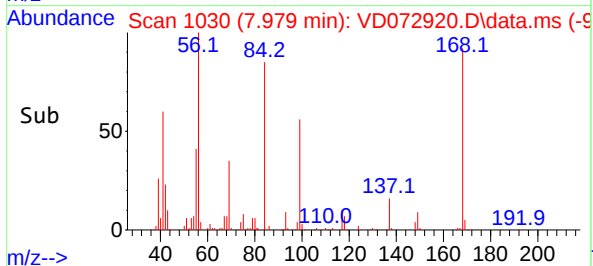
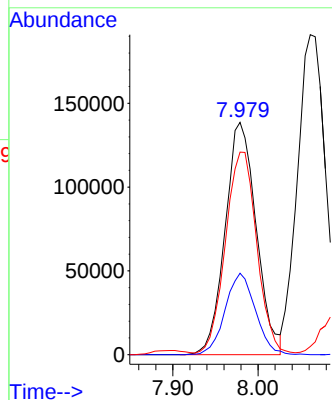
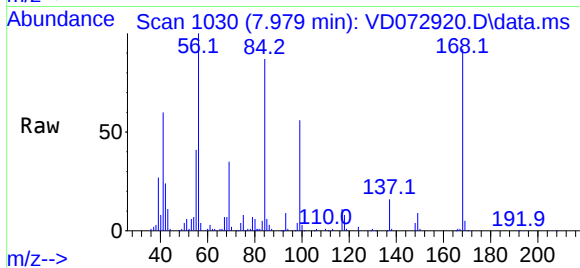
84 85.7 63.0 94.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/11/2022

Supervised By :Mahesh Dadoda 05/11/2022



#32

1,1,1-Trichloroethane

Concen: 53.235 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. -0.000 min

Lab File: VD072920.D

Acq: 10 May 2022 17:57

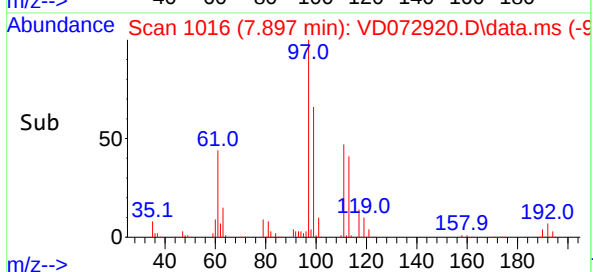
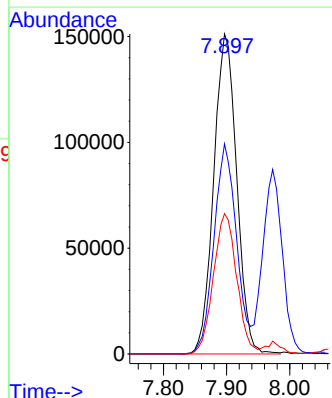
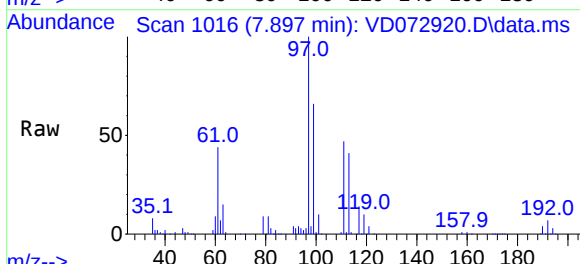
Tgt Ion: 97 Resp: 382569

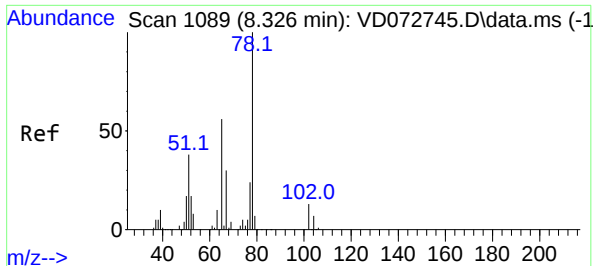
Ion Ratio Lower Upper

97 100

99 64.5 52.4 78.6

61 44.5 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 55.383 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072920.D

Acq: 10 May 2022 17:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 22266

Ion Ratio Lower Upper

65 100

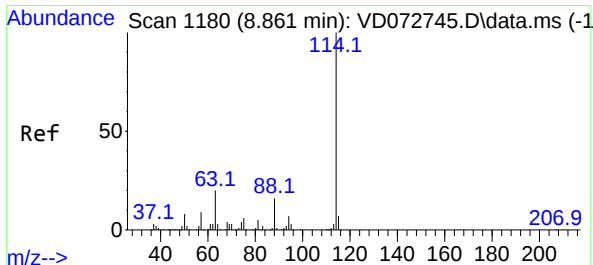
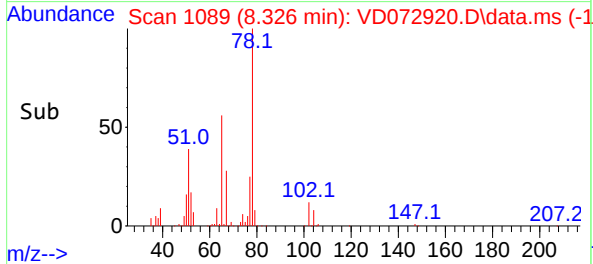
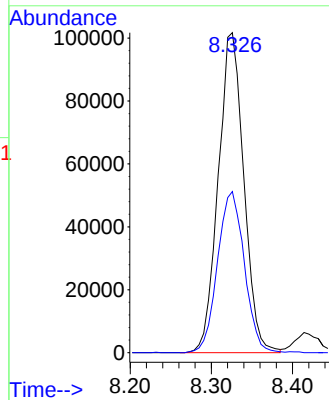
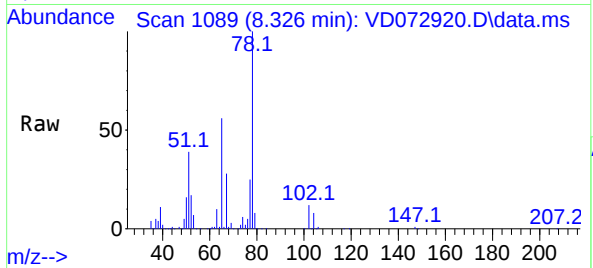
67 52.8 0.0 101.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/11/2022

Supervised By :Mahesh Dadoda 05/11/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD072920.D

Acq: 10 May 2022 17:57

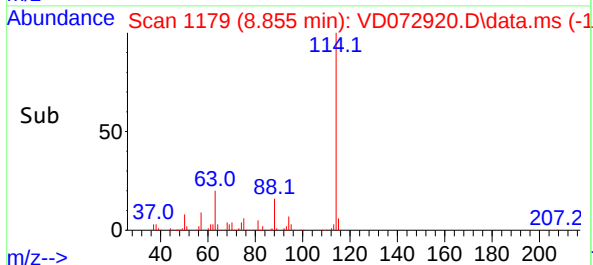
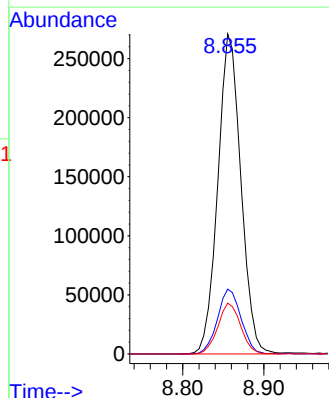
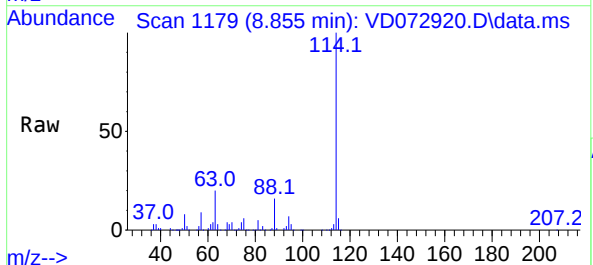
Tgt Ion:114 Resp: 535566

Ion Ratio Lower Upper

114 100

63 20.2 0.0 46.6

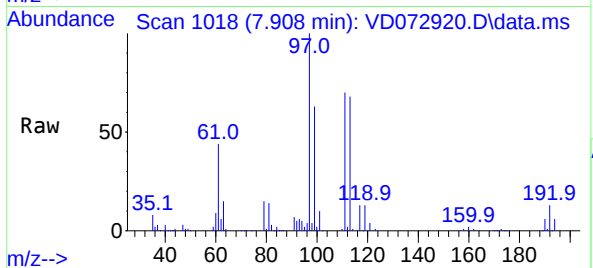
88 15.9 0.0 33.2





#35
Dibromofluoromethane
Concen: 54.900 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.001 min
Lab File: VD072920.D
Acq: 10 May 2022 17:57

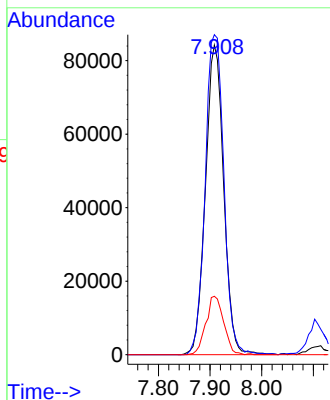
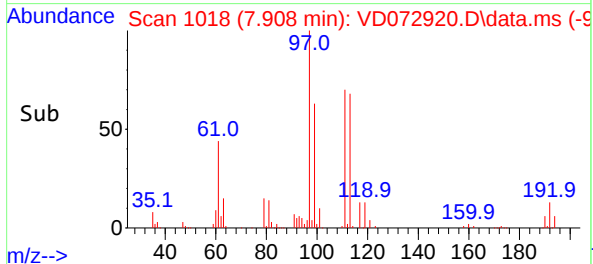
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



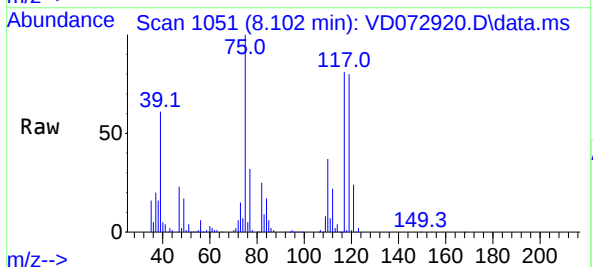
Tgt Ion: 113 Resp: 20649
Ion Ratio Lower Upper
113 100
111 105.9 83.8 125.6
192 18.4 14.6 21.8

Manual Integrations
APPROVED

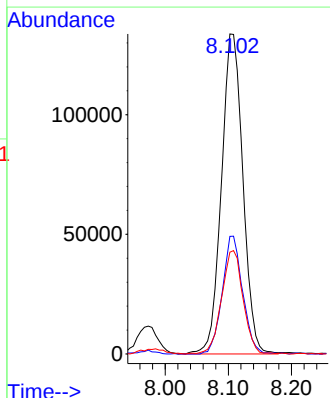
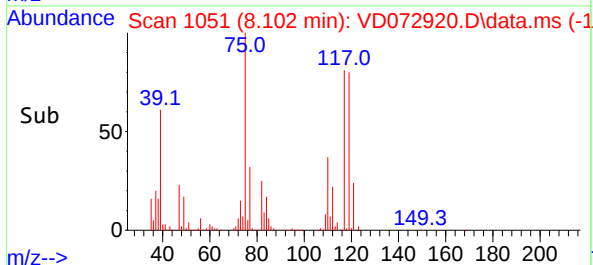
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

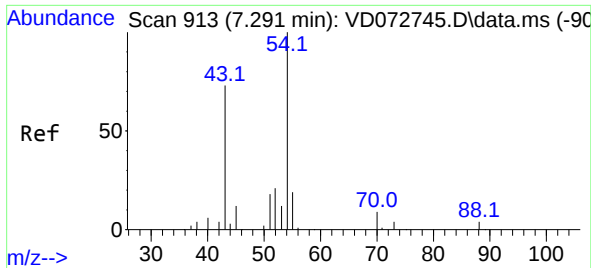


#36
1,1-Dichloropropene
Concen: 51.700 ug/l
RT: 8.102 min Scan# 1051
Delta R.T. -0.007 min
Lab File: VD072920.D
Acq: 10 May 2022 17:57



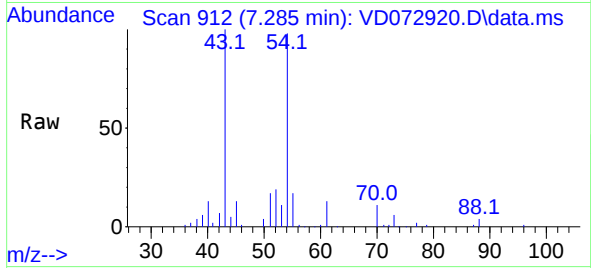
Tgt Ion: 75 Resp: 316199
Ion Ratio Lower Upper
75 100
110 34.9 16.4 49.1
77 32.3 24.2 36.2





#37
Ethyl Acetate
Concen: 56.755 ug/l
RT: 7.285 min Scan# 913
Delta R.T. -0.006 min
Lab File: VD072920.D
Acq: 10 May 2022 17:57

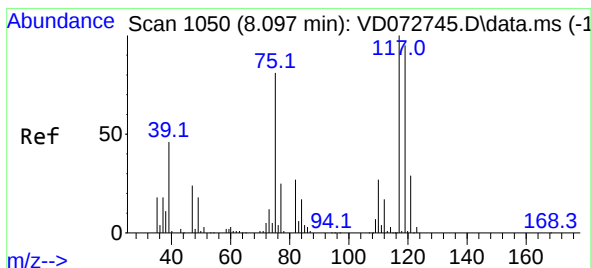
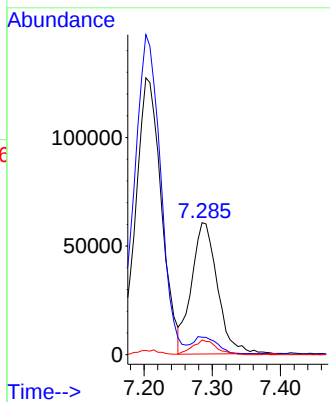
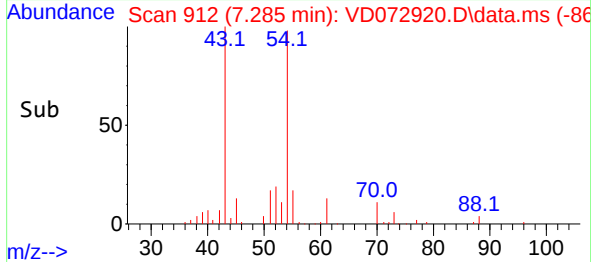
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 159569
Ion Ratio Lower Upper
43 100
61 13.0 9.8 14.8
70 10.3 6.9 10.3

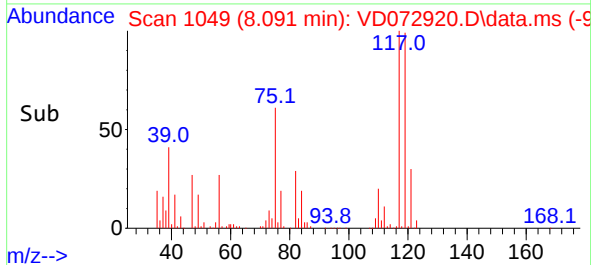
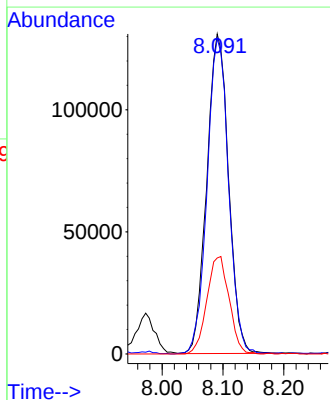
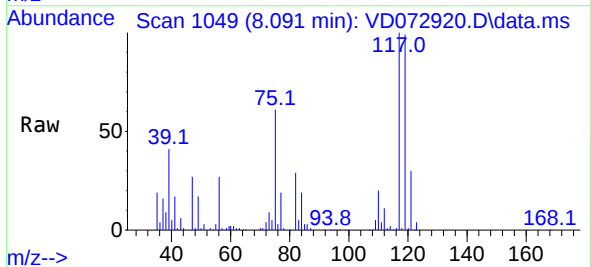
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#38
Carbon Tetrachloride
Concen: 51.187 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. -0.006 min
Lab File: VD072920.D
Acq: 10 May 2022 17:57

Tgt Ion:117 Resp: 324977
Ion Ratio Lower Upper
117 100
119 98.6 75.8 113.6
121 30.1 24.5 36.7





#39

Methylcyclohexane

Concen: 52.176 ug/l

RT: 9.349 min Scan# 11

Delta R.T. -0.001 min

Lab File: VD072920.D

Acq: 10 May 2022 17:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 37014

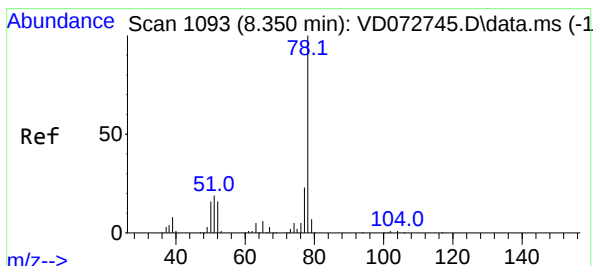
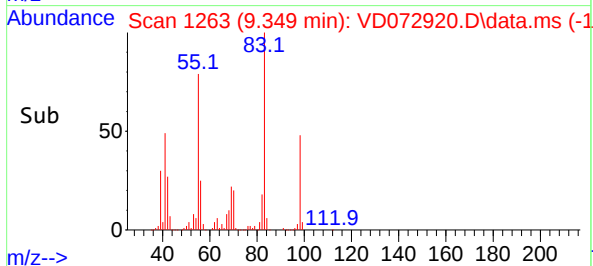
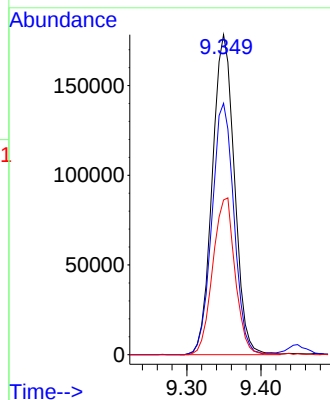
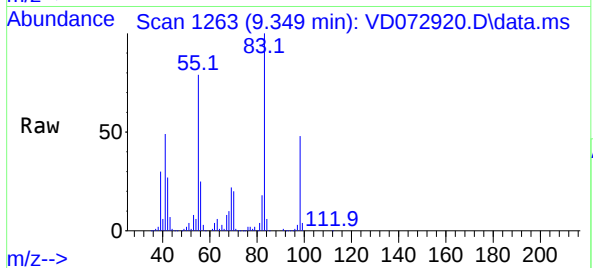
Ion	Ratio	Lower	Upper
83	100		
55	78.5	63.2	94.8
98	48.4	38.2	57.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/11/2022

Supervised By :Mahesh Dadoda 05/11/2022



#40

Benzene

Concen: 53.537 ug/l

RT: 8.344 min Scan# 1092

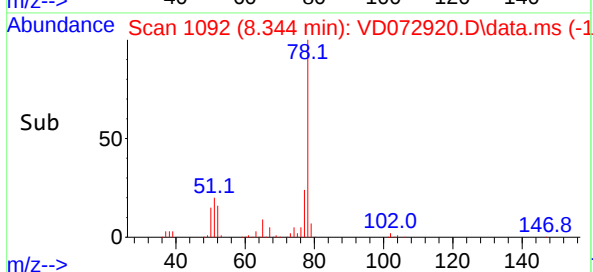
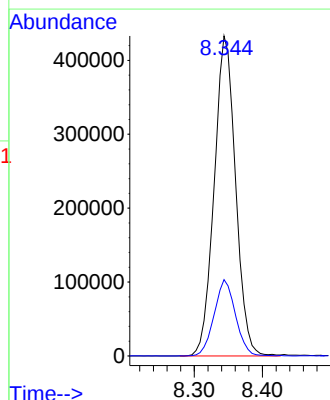
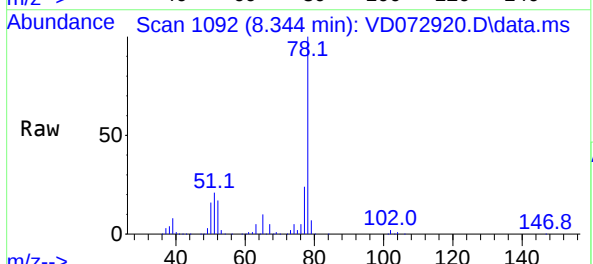
Delta R.T. -0.006 min

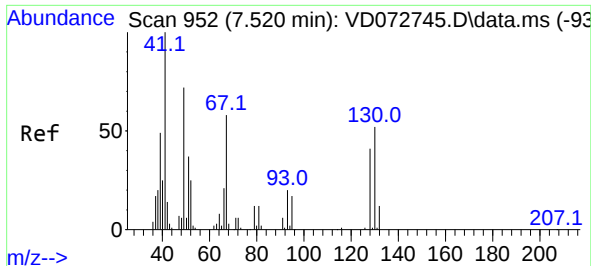
Lab File: VD072920.D

Acq: 10 May 2022 17:57

Tgt Ion: 78 Resp: 945571

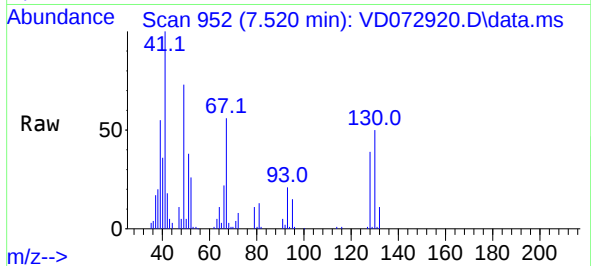
Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.1	28.7





#41
Methacrylonitrile
Concen: 57.045 ug/l
RT: 7.520 min Scan# 952
Delta R.T. 0.000 min
Lab File: VD072920.D
Acq: 10 May 2022 17:57

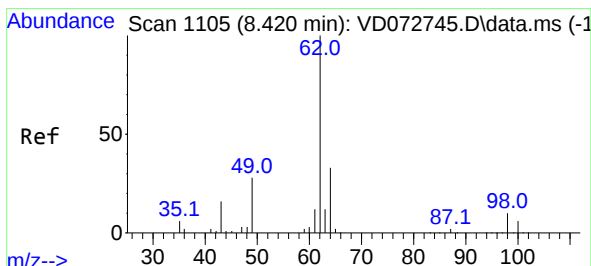
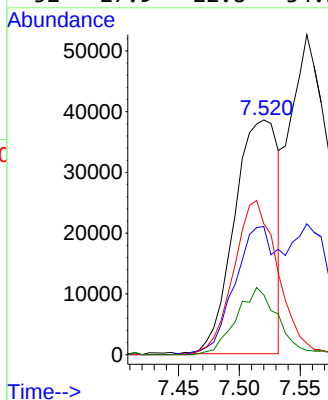
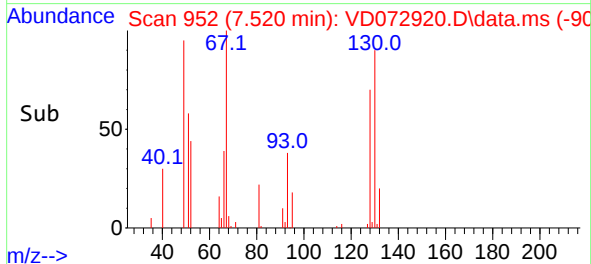
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



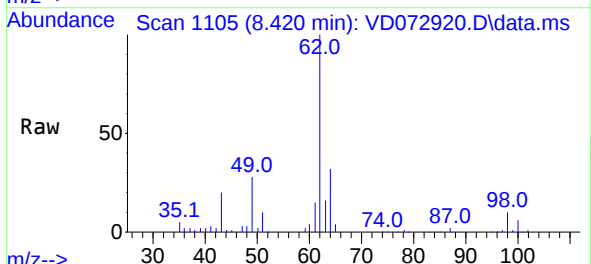
Tgt Ion: 41 Resp: 95495
Ion Ratio Lower Upper
41 100
39 58.3 44.6 67.0
67 67.8 48.2 72.4
52 27.9 22.8 34.2

Manual Integrations
APPROVED

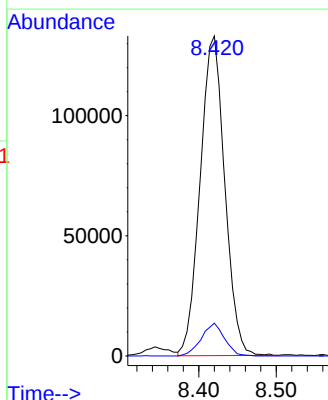
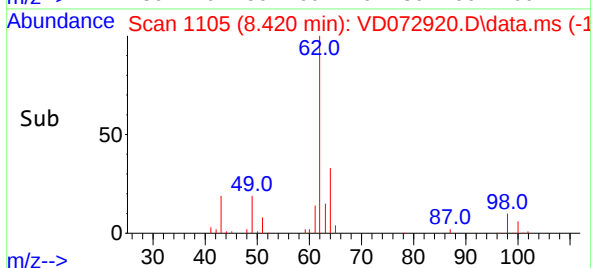
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

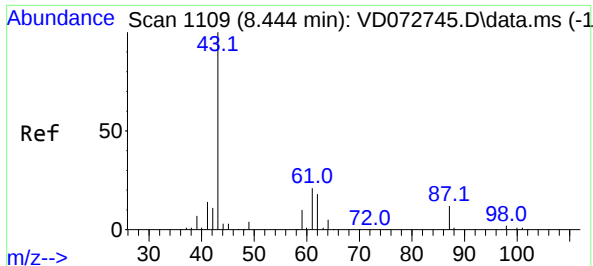


#42
1,2-Dichloroethane
Concen: 55.059 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD072920.D
Acq: 10 May 2022 17:57



Tgt Ion: 62 Resp: 293045
Ion Ratio Lower Upper
62 100
98 9.7 0.0 17.6





#43
Isopropyl Acetate
Concen: 58.063 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VD072920.D
Acq: 10 May 2022 17:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

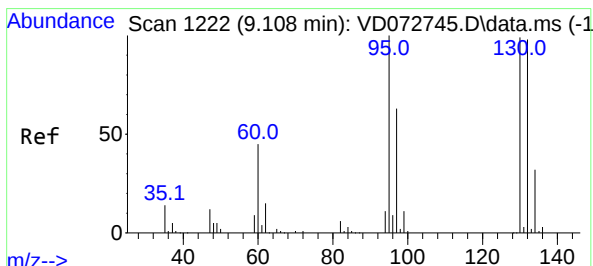
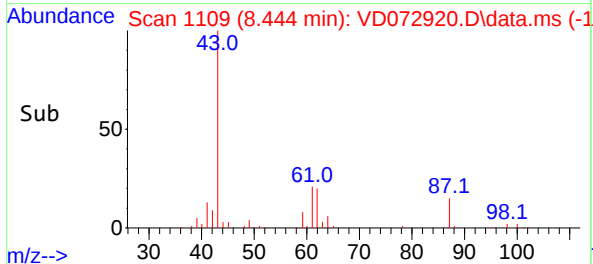
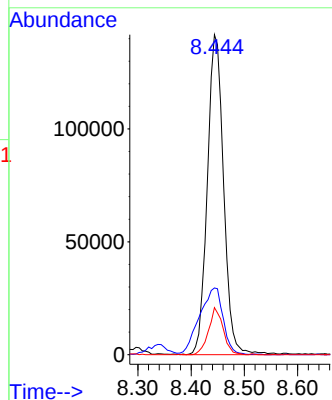
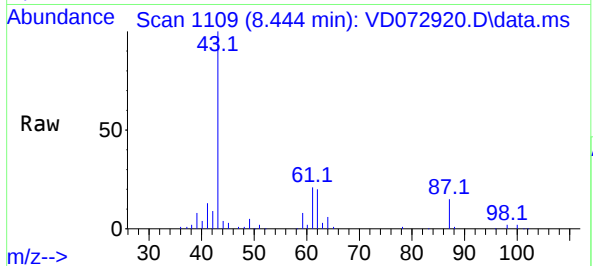
Tgt Ion: 43 Resp: 301309
Ion Ratio Lower Upper
43 100
61 29.8 22.4 33.6
87 13.1 8.7 13.1

Manual Integrations

APPROVED

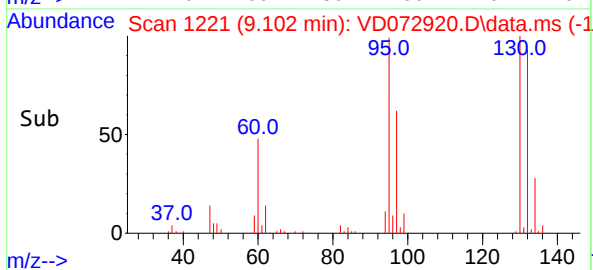
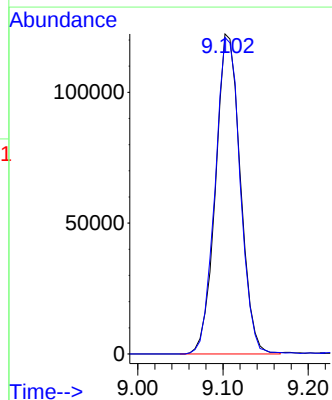
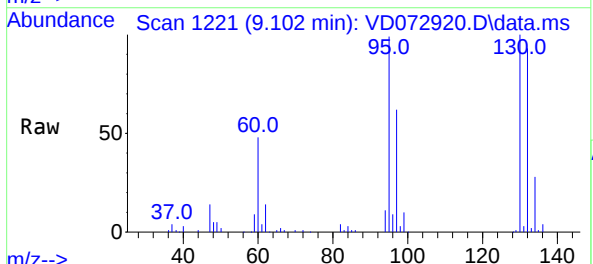
Reviewed By :John Carlone 05/11/2022

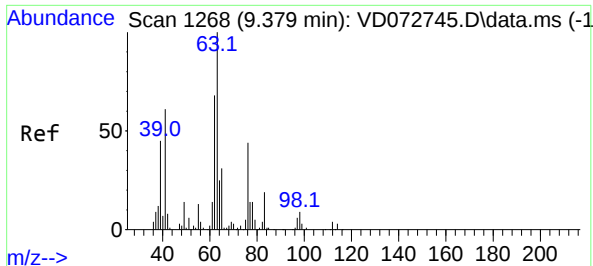
Supervised By :Mahesh Dadoda 05/11/2022



#44
Trichloroethene
Concen: 52.250 ug/l
RT: 9.102 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VD072920.D
Acq: 10 May 2022 17:57

Tgt Ion:130 Resp: 246892
Ion Ratio Lower Upper
130 100
95 98.9 0.0 205.4





#45

1,2-Dichloropropane

Concen: 54.998 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.000 min

Lab File: VD072920.D

Acq: 10 May 2022 17:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 255104

Ion Ratio Lower Upper

63 100

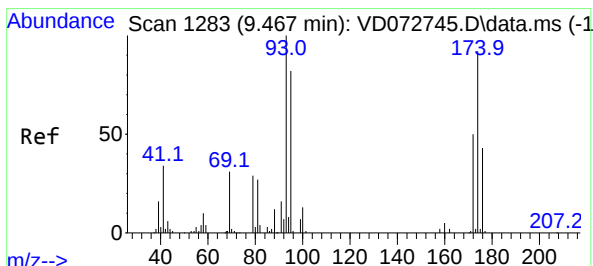
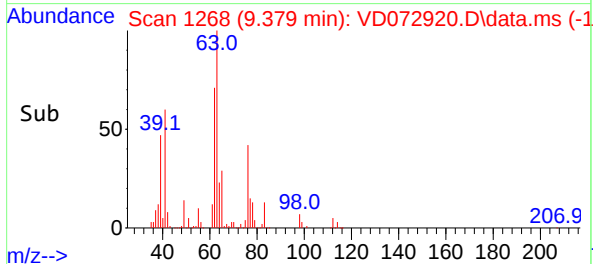
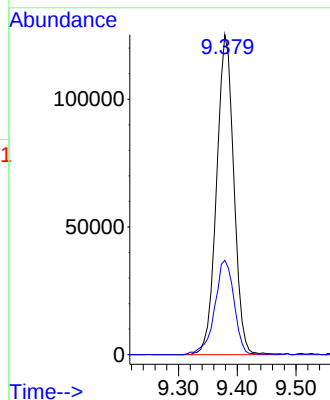
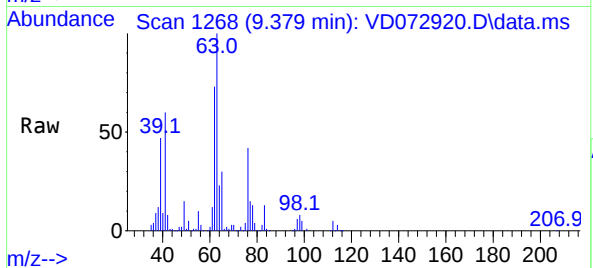
65 29.5 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/11/2022

Supervised By :Mahesh Dadoda 05/11/2022



#46

Dibromomethane

Concen: 53.987 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD072920.D

Acq: 10 May 2022 17:57

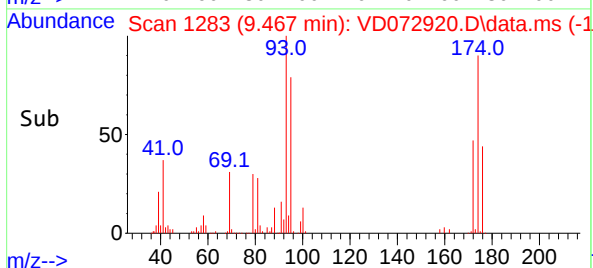
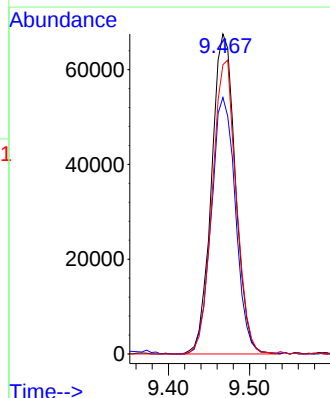
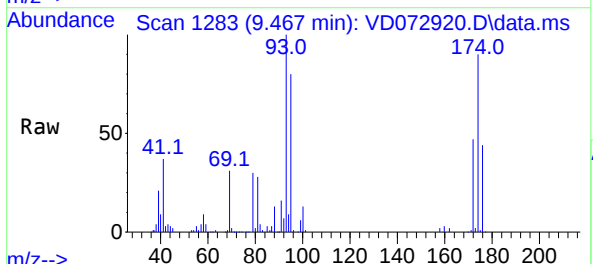
Tgt Ion: 93 Resp: 138134

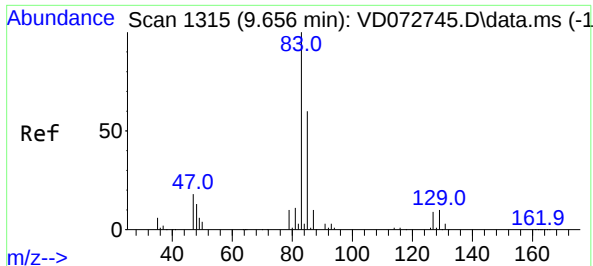
Ion Ratio Lower Upper

93 100

95 81.3 66.7 100.1

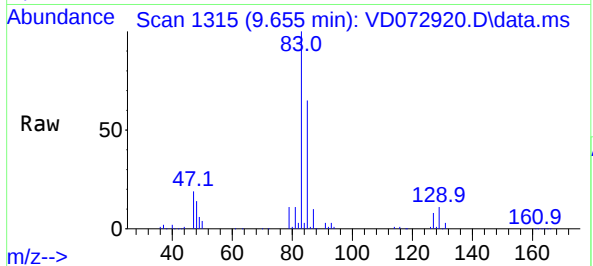
174 91.6 71.6 107.4





#47
Bromodichloromethane
Concen: 54.903 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. -0.001 min
Lab File: VD072920.D
Acq: 10 May 2022 17:57

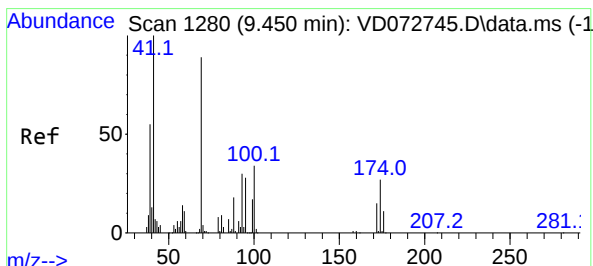
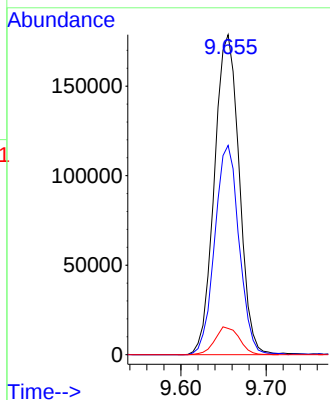
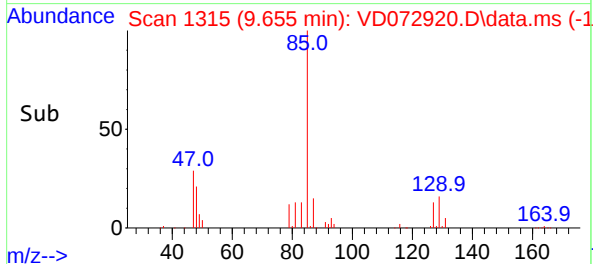
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



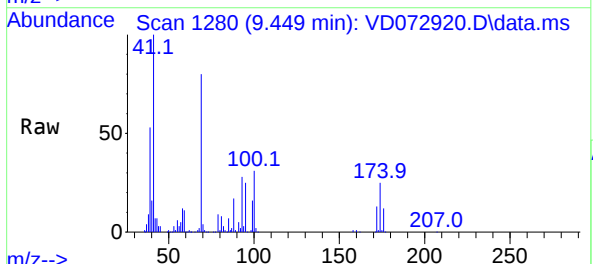
Tgt Ion: 83 Resp: 361382
Ion Ratio Lower Upper
83 100
85 65.4 51.4 77.0
127 8.2 6.1 9.1

Manual Integrations
APPROVED

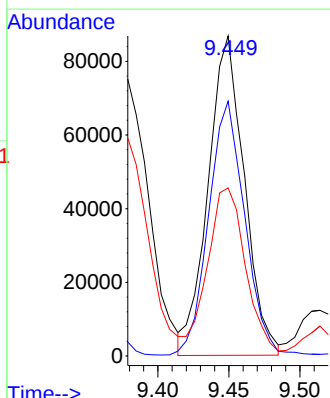
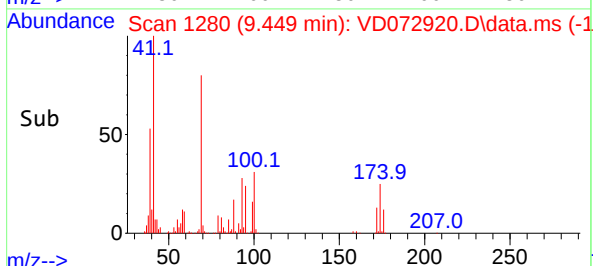
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

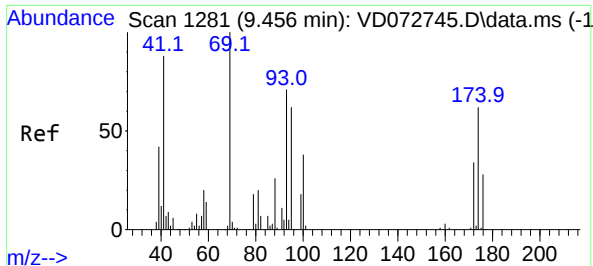


#48
Methyl methacrylate
Concen: 60.587 ug/l
RT: 9.449 min Scan# 1280
Delta R.T. -0.001 min
Lab File: VD072920.D
Acq: 10 May 2022 17:57



Tgt Ion: 41 Resp: 153811
Ion Ratio Lower Upper
41 100
69 79.5 56.7 85.1
39 56.0 42.7 64.1





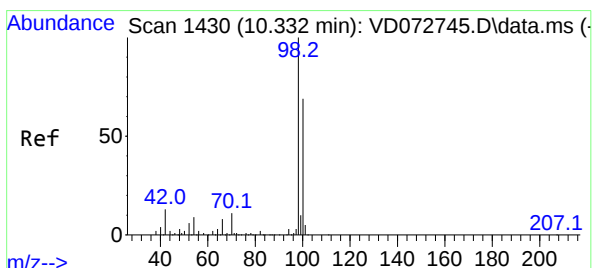
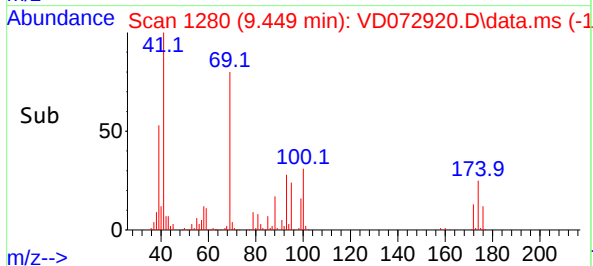
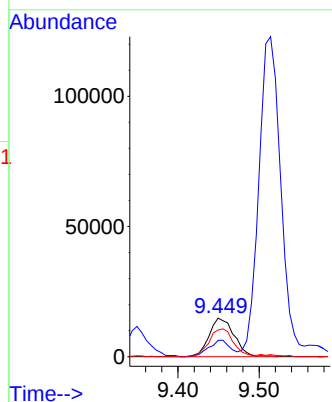
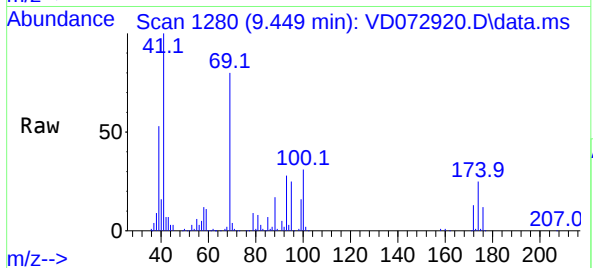
#49
1,4-Dioxane
Concen: 1100.183 ug/l
RT: 9.449 min Scan# 1280
Delta R.T. -0.007 min
Lab File: VD072920.D
Acq: 10 May 2022 17:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 3169
Ion Ratio Lower Upper
88 100
43 36.7 31.0 46.4
58 70.4 58.1 87.1

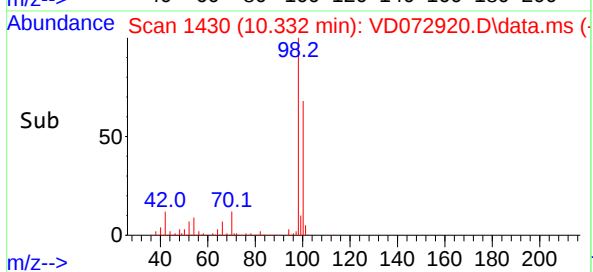
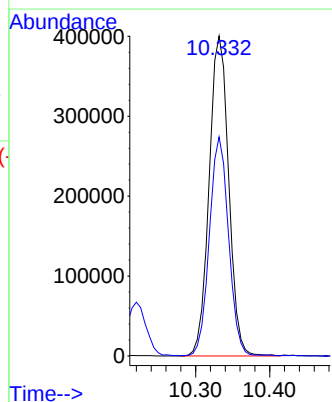
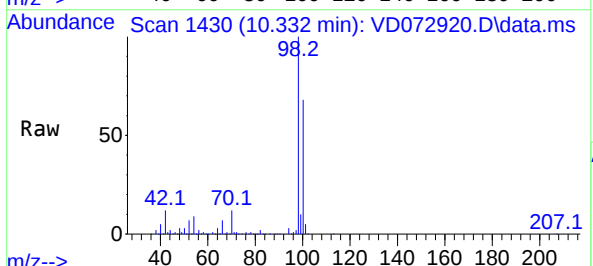
Manual Integrations
APPROVED

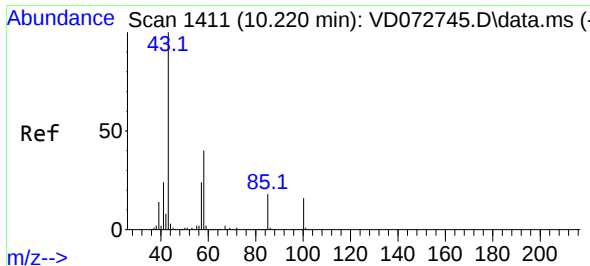
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#50
Toluene-d8
Concen: 54.442 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072920.D
Acq: 10 May 2022 17:57

Tgt Ion: 98 Resp: 734549
Ion Ratio Lower Upper
98 100
100 67.1 52.4 78.6





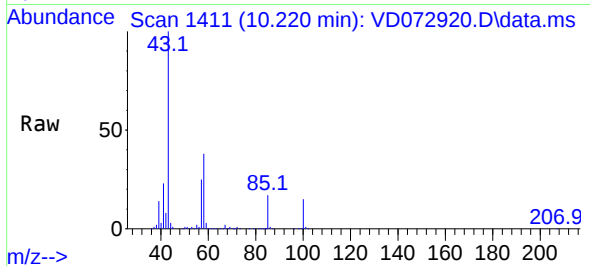
#51
4-Methyl-2-Pentanone
Concen: 296.141 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD072920.D
Acq: 10 May 2022 17:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



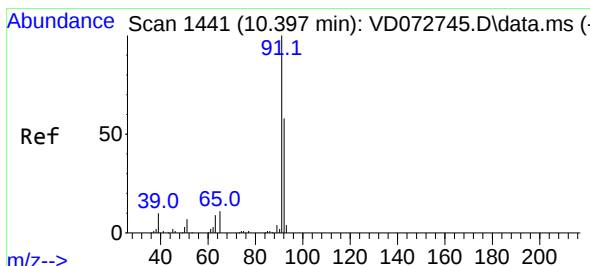
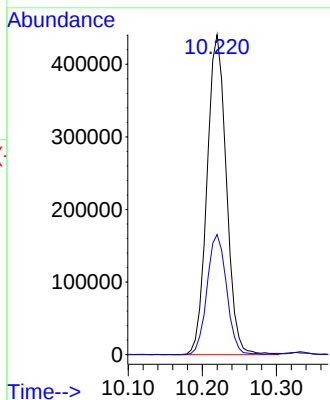
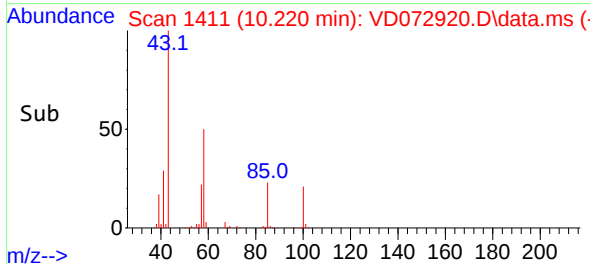
Tgt Ion: 43 Resp: 798562
Ion Ratio Lower Upper
43 100
58 38.0 28.6 43.0

Manual Integrations

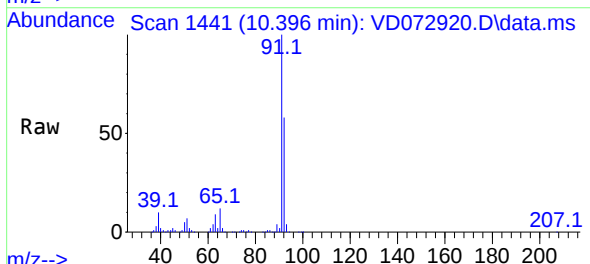
APPROVED

Reviewed By :John Carlone 05/11/2022

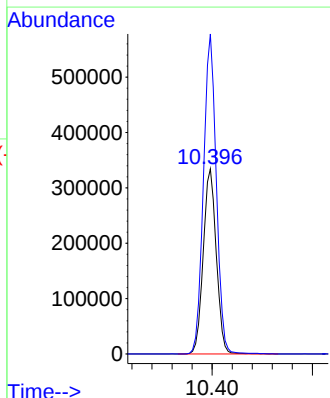
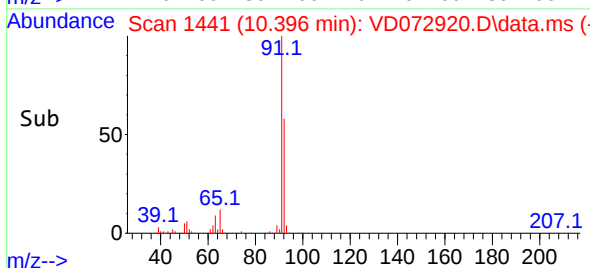
Supervised By :Mahesh Dadoda 05/11/2022

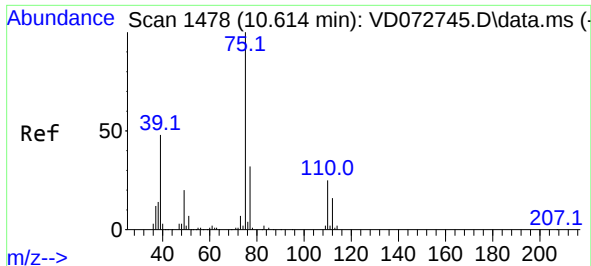


#52
Toluene
Concen: 54.727 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.001 min
Lab File: VD072920.D
Acq: 10 May 2022 17:57



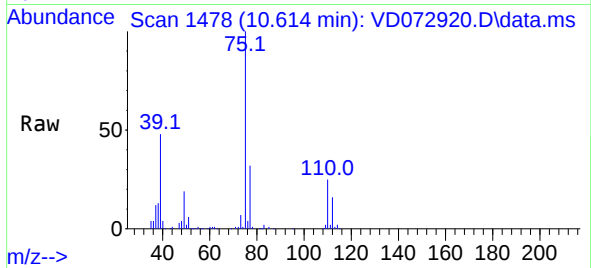
Tgt Ion: 92 Resp: 602958
Ion Ratio Lower Upper
92 100
91 170.5 139.6 209.4





#53
t-1,3-Dichloropropene
Concen: 55.226 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD072920.D
Acq: 10 May 2022 17:57

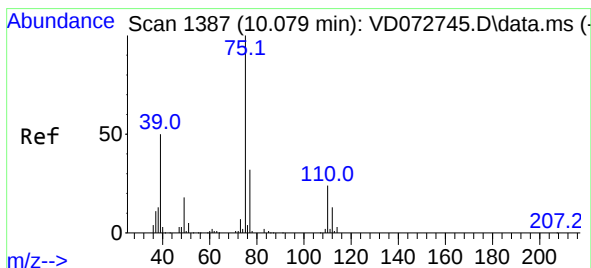
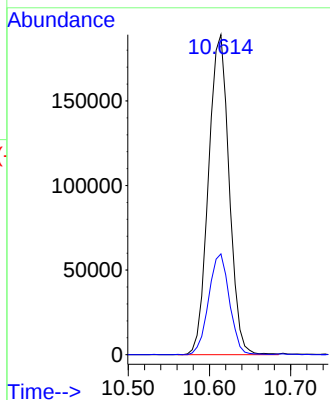
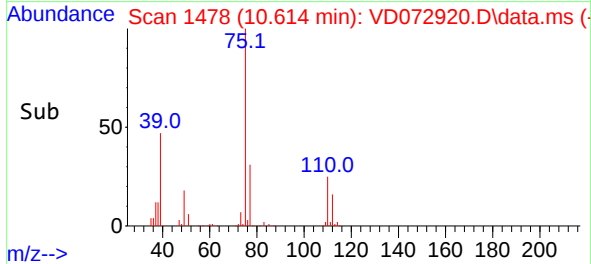
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



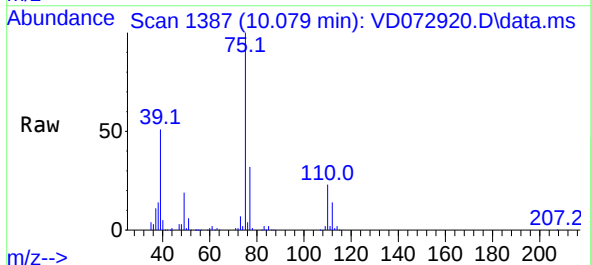
Tgt Ion: 75 Resp: 333889
Ion Ratio Lower Upper
75 100
77 31.4 24.5 36.7

Manual Integrations
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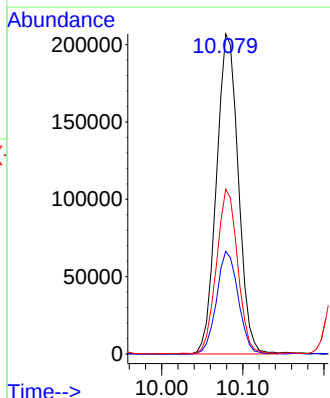
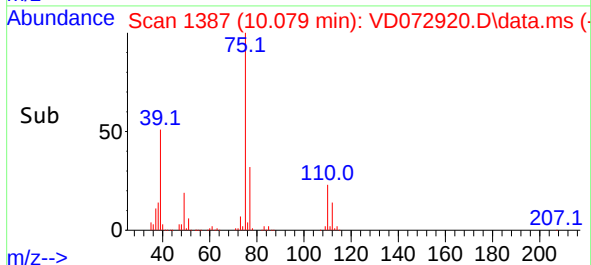
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

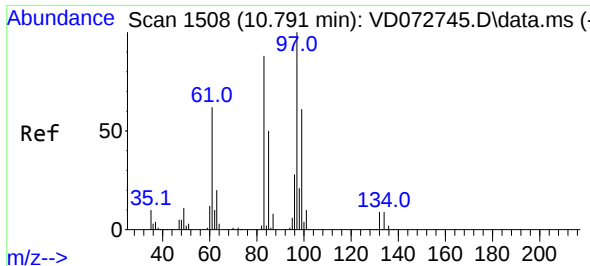


#54
cis-1,3-Dichloropropene
Concen: 55.045 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VD072920.D
Acq: 10 May 2022 17:57



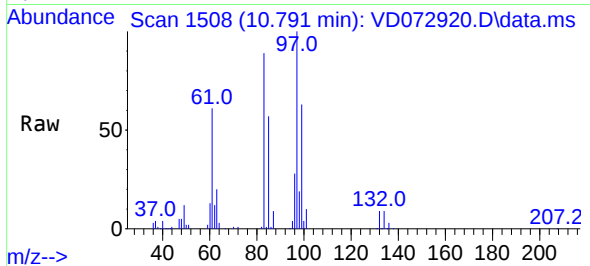
Tgt Ion: 75 Resp: 386640
Ion Ratio Lower Upper
75 100
77 32.0 24.8 37.2
39 51.4 46.8 70.2





#55
1,1,2-Trichloroethane
Concen: 54.238 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.001 min
Lab File: VD072920.D
Acq: 10 May 2022 17:57

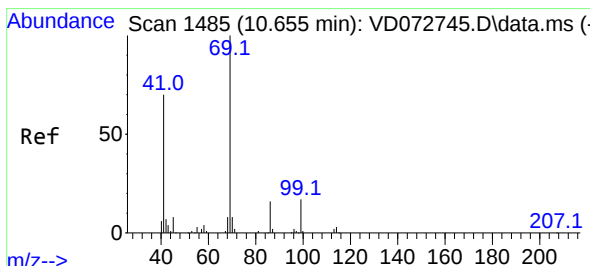
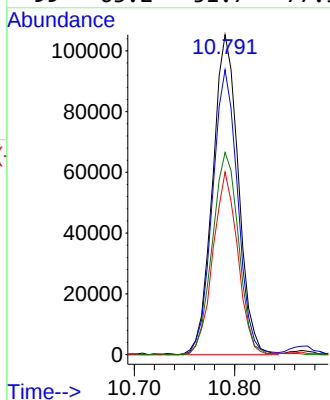
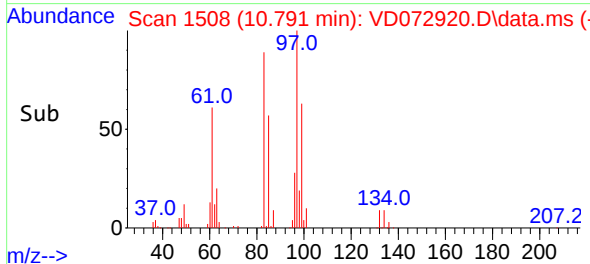
Instrument : MSVOA_D
ClientSampleId : VSTDCCC050EC



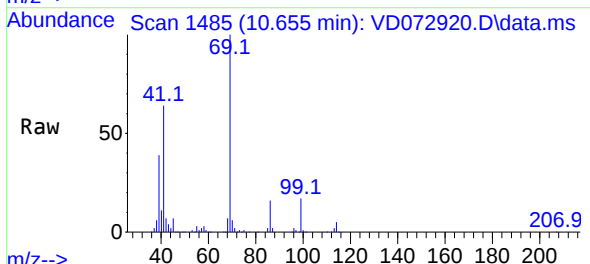
Tgt Ion: 97 Resp: 187600
Ion Ratio Lower Upper
97 100
83 89.0 69.0 103.4
85 57.1 42.6 63.8
99 63.2 51.7 77.5

Manual Integrations
APPROVED

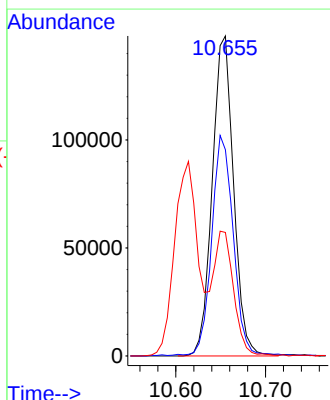
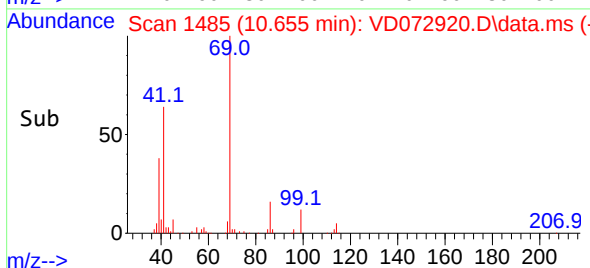
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

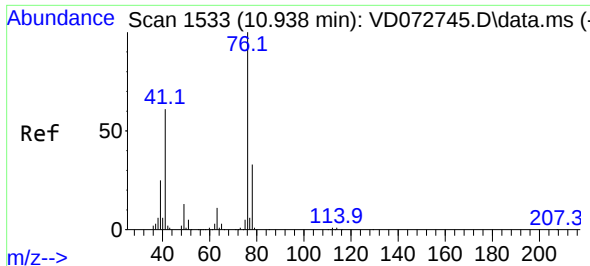


#56
Ethyl methacrylate
Concen: 60.003 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD072920.D
Acq: 10 May 2022 17:57



Tgt Ion: 69 Resp: 244365
Ion Ratio Lower Upper
69 100
41 70.6 63.0 94.6
39 39.0 33.8 50.8





#57

1,3-Dichloropropane

Concen: 55.959 ug/l

RT: 10.938 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD072920.D

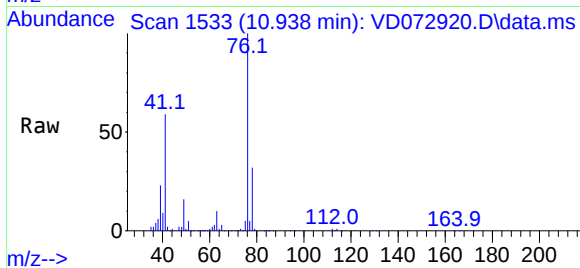
Acq: 10 May 2022 17:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 76 Resp: 33215

Ion Ratio Lower Upper

76 100

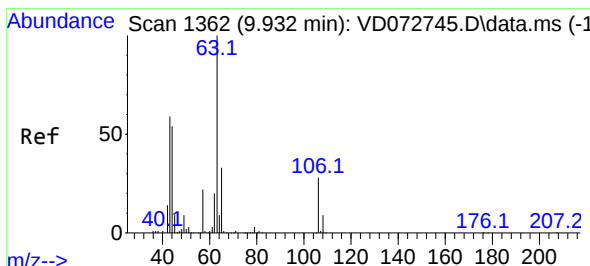
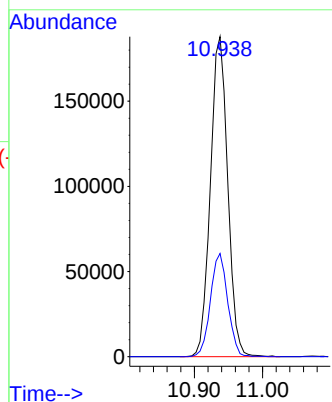
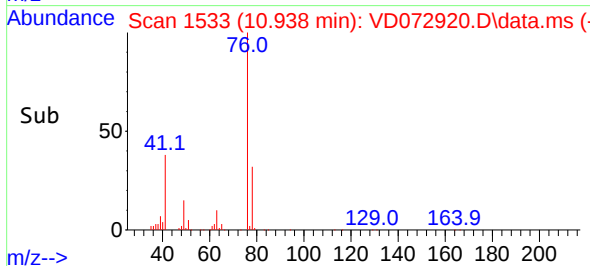
78 32.2 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/11/2022

Supervised By :Mahesh Dadoda 05/11/2022



#58

2-Chloroethyl Vinyl ether

Concen: 281.874 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VD072920.D

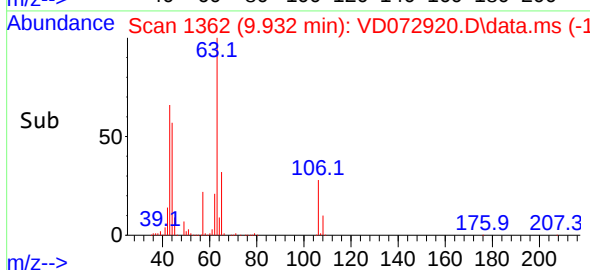
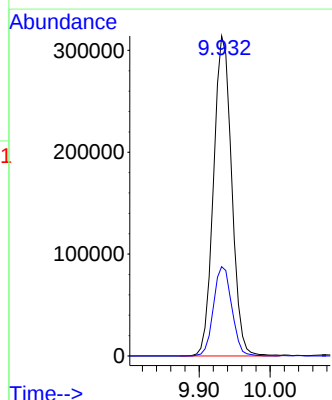
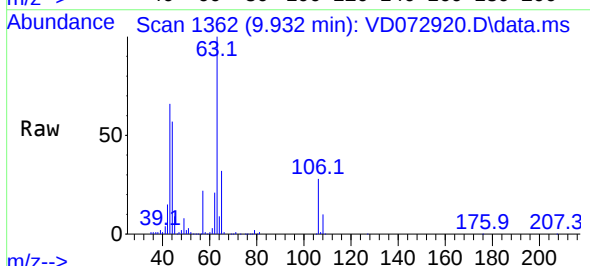
Acq: 10 May 2022 17:57

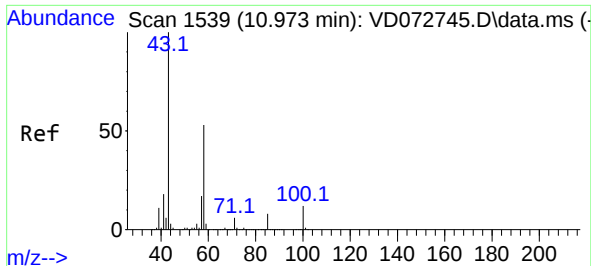
Tgt Ion: 63 Resp: 556570

Ion Ratio Lower Upper

63 100

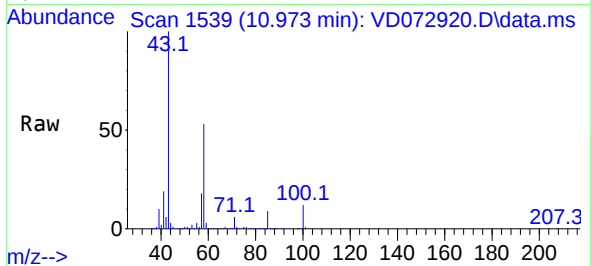
106 28.1 21.4 32.0





#59
2-Hexanone
Concen: 291.420 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VD072920.D
Acq: 10 May 2022 17:57

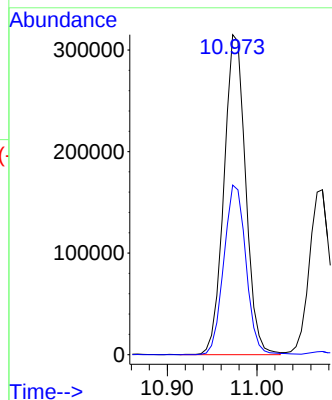
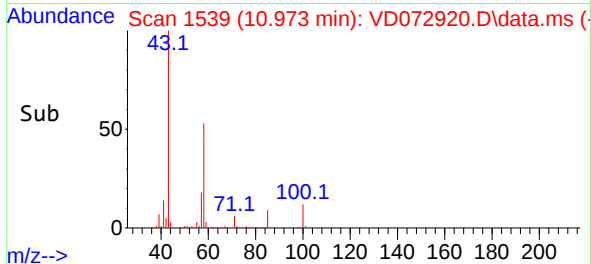
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



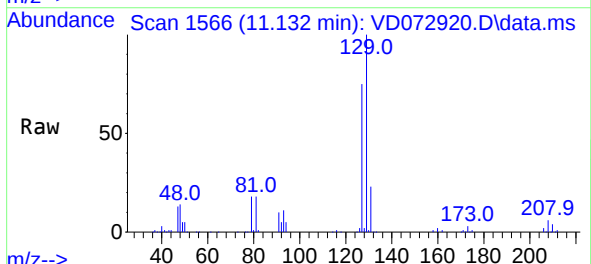
Tgt Ion: 43 Resp: 528775
Ion Ratio Lower Upper
43 100
58 54.2 25.3 75.9

Manual Integrations
APPROVED

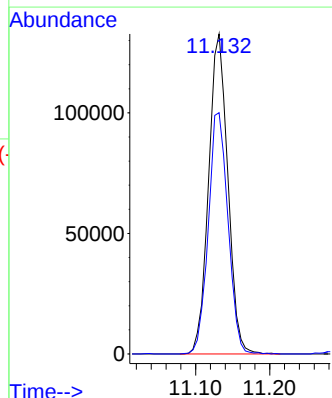
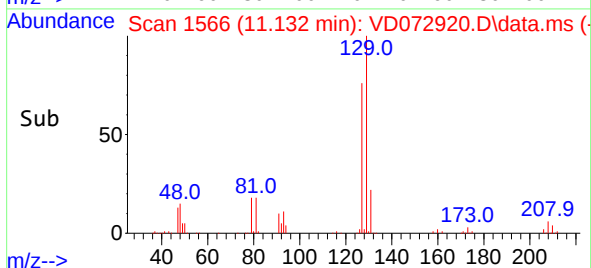
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

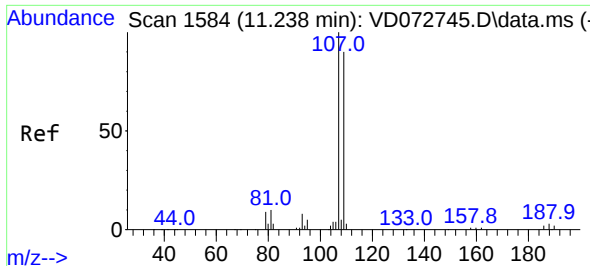


#60
Dibromochloromethane
Concen: 54.851 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD072920.D
Acq: 10 May 2022 17:57



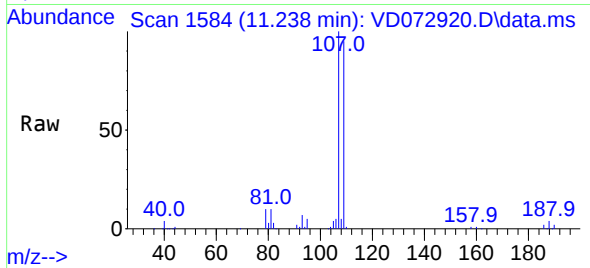
Tgt Ion:129 Resp: 238837
Ion Ratio Lower Upper
129 100
127 77.3 39.2 117.6





#61
1,2-Dibromoethane
Concen: 53.913 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072920.D
Acq: 10 May 2022 17:57

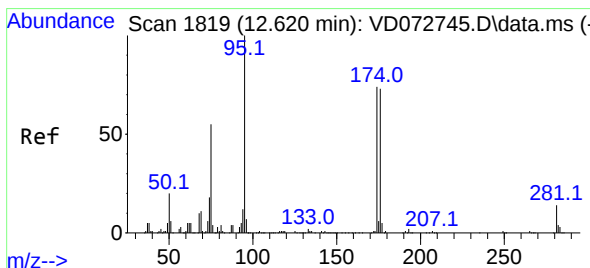
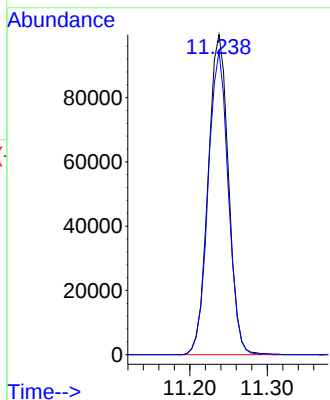
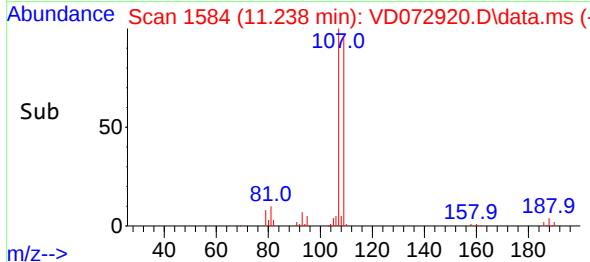
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



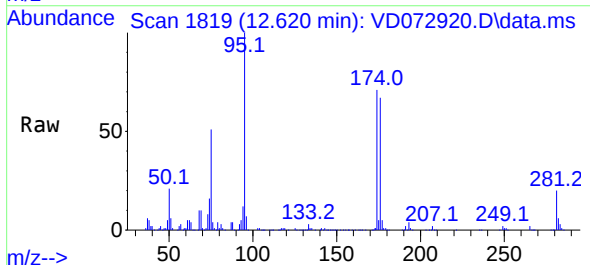
Tgt Ion:107 Resp: 181509
Ion Ratio Lower Upper
107 100
109 93.5 74.2 111.4

Manual Integrations
APPROVED

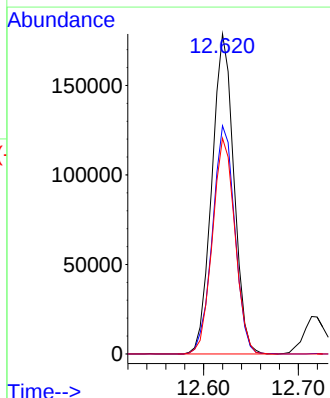
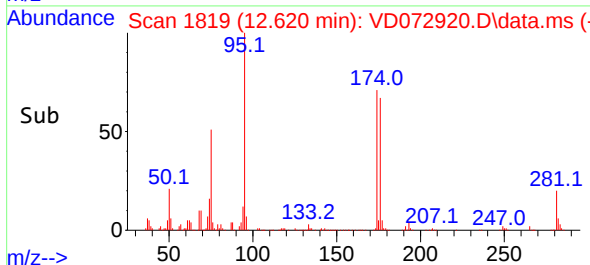
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

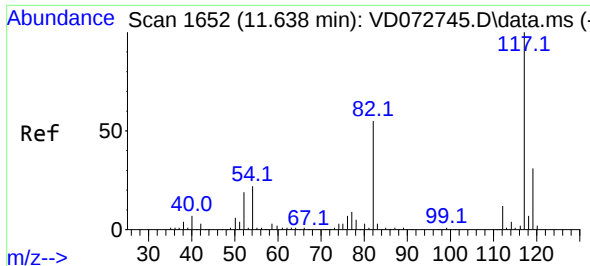


#62
4-Bromofluorobenzene
Concen: 57.171 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072920.D
Acq: 10 May 2022 17:57



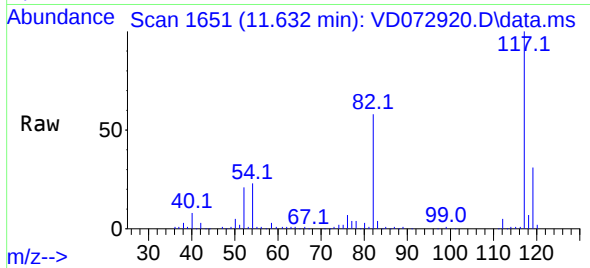
Tgt Ion: 95 Resp: 287624
Ion Ratio Lower Upper
95 100
174 72.5 0.0 152.8
176 69.1 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 11651
Delta R.T. -0.006 min
Lab File: VD072920.D
Acq: 10 May 2022 17:57

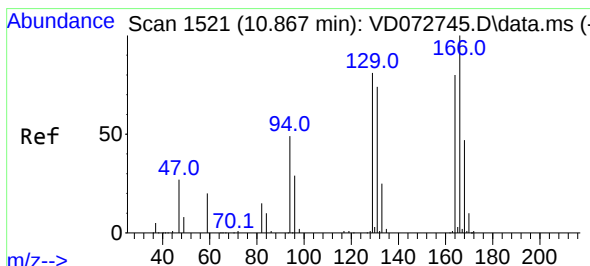
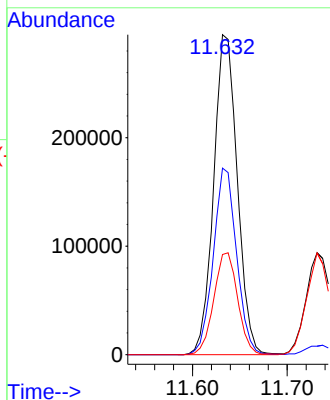
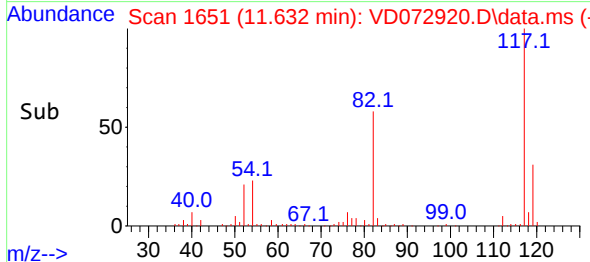
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



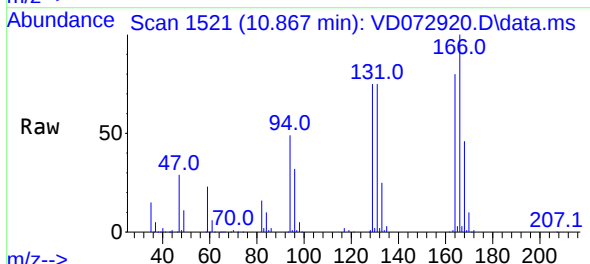
Tgt Ion:117 Resp: 512033
Ion Ratio Lower Upper
117 100
82 58.3 45.3 67.9
119 31.3 26.6 40.0

Manual Integrations
APPROVED

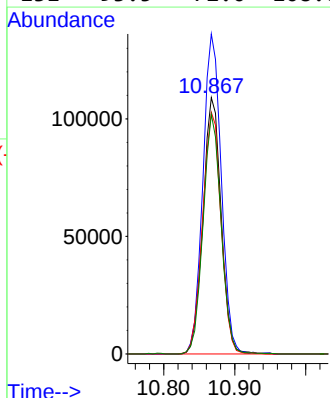
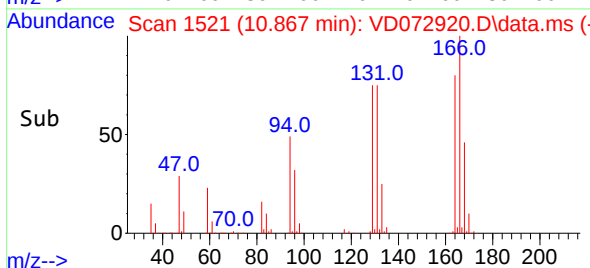
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

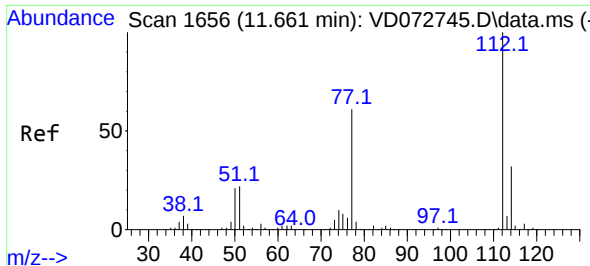


#64
Tetrachloroethene
Concen: 51.839 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.000 min
Lab File: VD072920.D
Acq: 10 May 2022 17:57



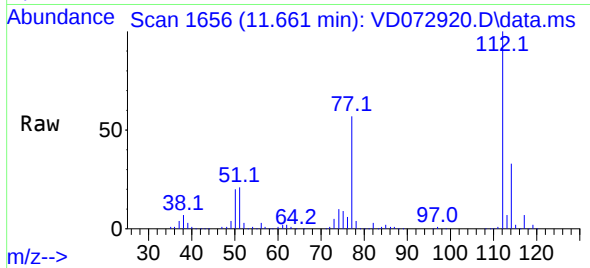
Tgt Ion:164 Resp: 194063
Ion Ratio Lower Upper
164 100
166 124.8 98.5 147.7
129 94.2 74.6 111.8
131 93.5 72.0 108.0





#65
Chlorobenzene
Concen: 54.341 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD072920.D
Acq: 10 May 2022 17:57

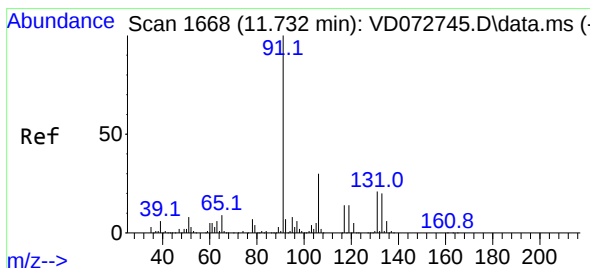
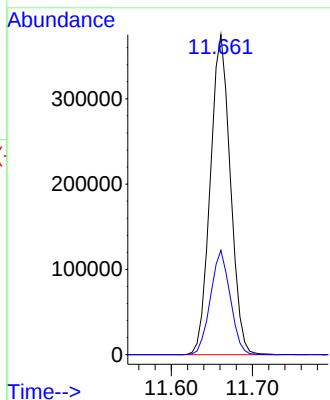
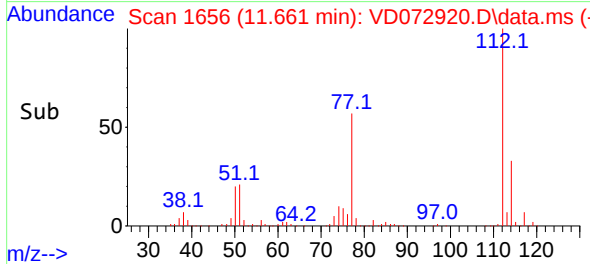
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



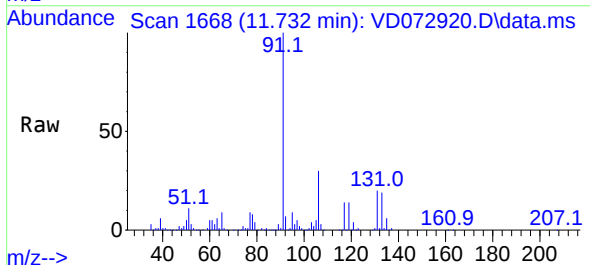
Tgt Ion:112 Resp: 643558
Ion Ratio Lower Upper
112 100
114 32.6 25.8 38.6

Manual Integrations
APPROVED

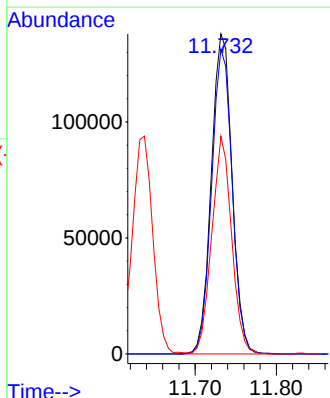
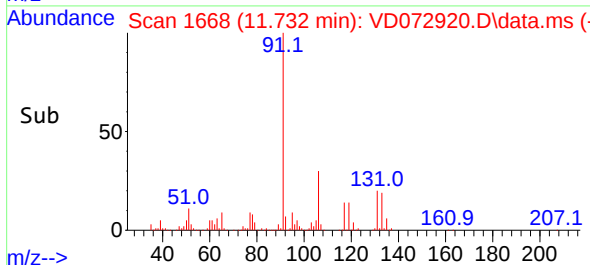
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

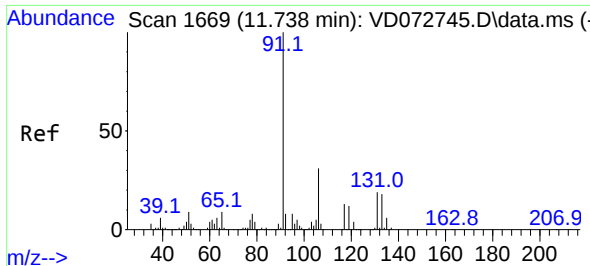


#66
1,1,1,2-Tetrachloroethane
Concen: 54.983 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD072920.D
Acq: 10 May 2022 17:57



Tgt Ion:131 Resp: 244719
Ion Ratio Lower Upper
131 100
133 94.6 48.1 144.3
119 65.0 31.9 95.9





#67

Ethyl Benzene

Concen: 56.373 ug/l

RT: 11.732 min Scan# 1668

Delta R.T. -0.006 min

Lab File: VD072920.D

Acq: 10 May 2022 17:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 1155400

Ion Ratio Lower Upper

91 100

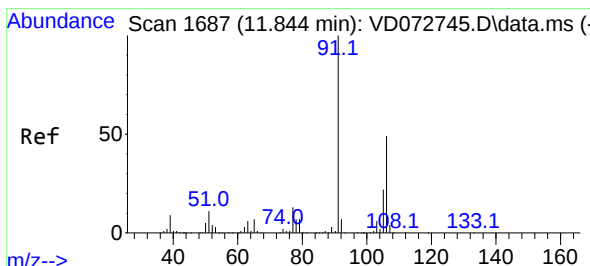
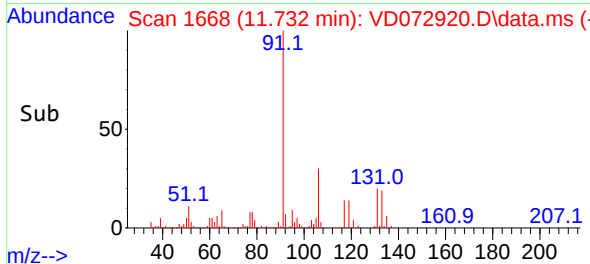
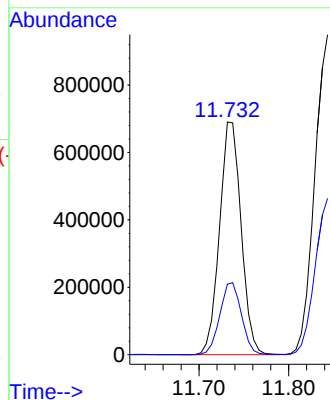
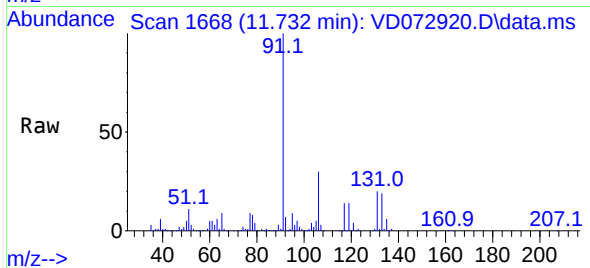
106 30.4 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/11/2022

Supervised By :Mahesh Dadoda 05/11/2022



#68

m/p-Xylenes

Concen: 111.596 ug/l

RT: 11.843 min Scan# 1687

Delta R.T. -0.001 min

Lab File: VD072920.D

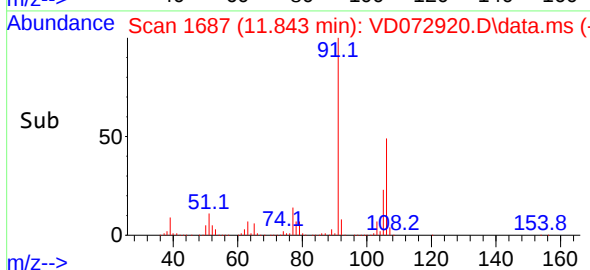
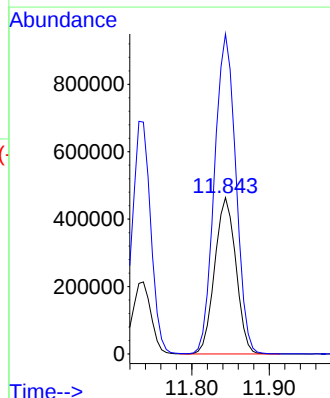
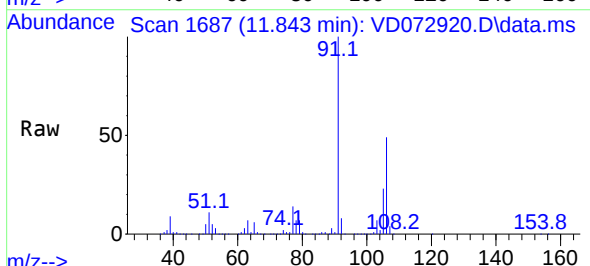
Acq: 10 May 2022 17:57

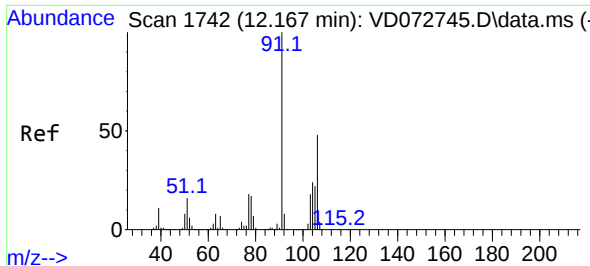
Tgt Ion:106 Resp: 881050

Ion Ratio Lower Upper

106 100

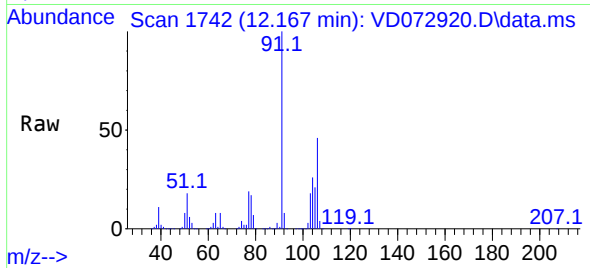
91 206.6 163.7 245.5





#69
o-Xylene
Concen: 57.369 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. -0.000 min
Lab File: VD072920.D
Acq: 10 May 2022 17:57

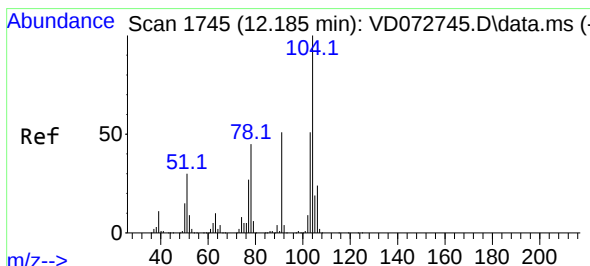
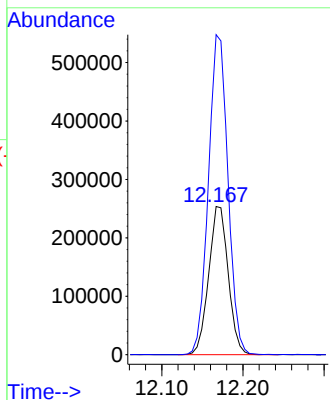
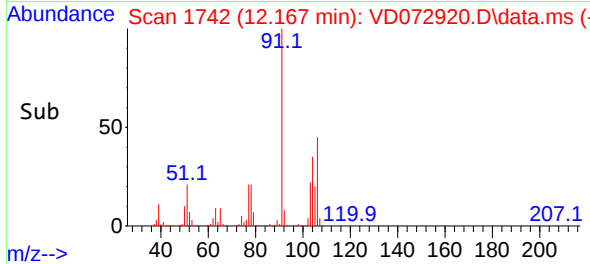
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



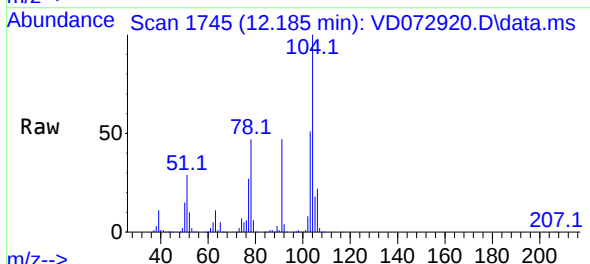
Tgt Ion:106 Resp: 423008
Ion Ratio Lower Upper
106 100
91 216.1 110.4 331.2

Manual Integrations
APPROVED

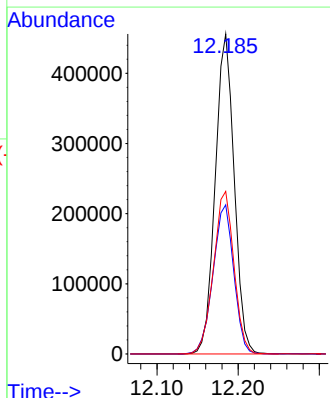
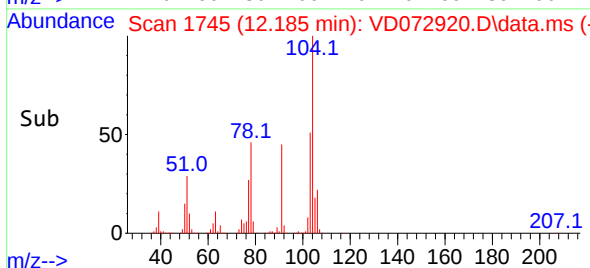
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#70
Styrene
Concen: 58.037 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD072920.D
Acq: 10 May 2022 17:57



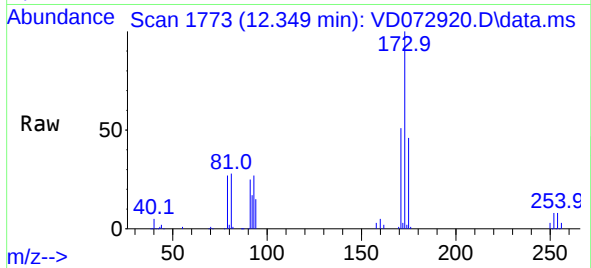
Tgt Ion:104 Resp: 741428
Ion Ratio Lower Upper
104 100
78 50.8 41.8 62.8
103 54.8 44.2 66.4





#71
Bromoform
Concen: 54.901 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD072920.D
Acq: 10 May 2022 17:57

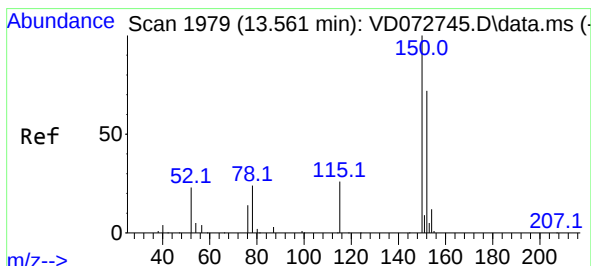
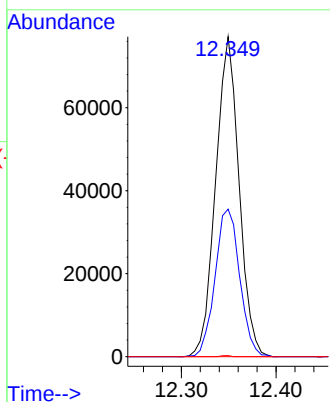
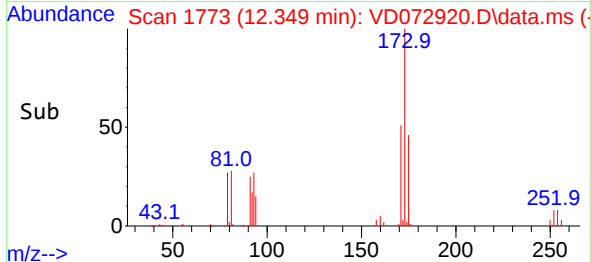
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



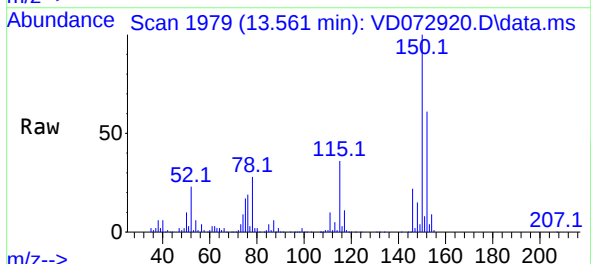
Tgt Ion:173 Resp: 132430
Ion Ratio Lower Upper
173 100
175 48.6 23.9 71.8
254 0.1 0.0 0.0

Manual Integrations
APPROVED

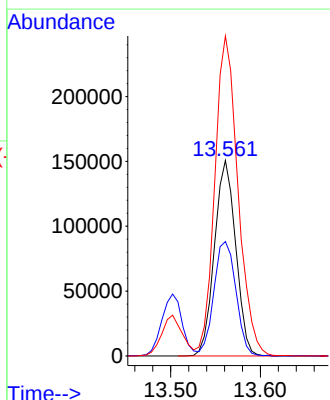
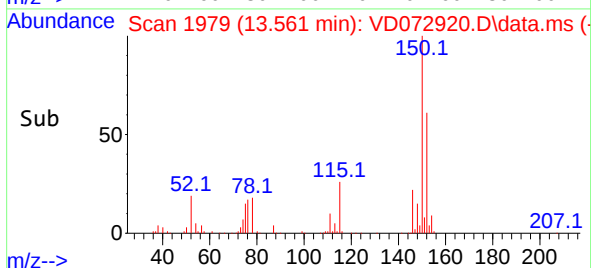
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

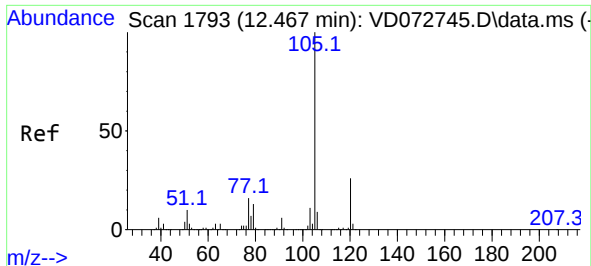


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD072920.D
Acq: 10 May 2022 17:57



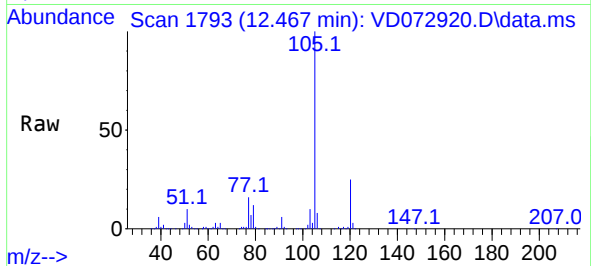
Tgt Ion:152 Resp: 248050
Ion Ratio Lower Upper
152 100
115 60.6 31.3 93.8
150 178.3 0.0 348.6





#73
Isopropylbenzene
Concen: 57.811 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD072920.D
Acq: 10 May 2022 17:57

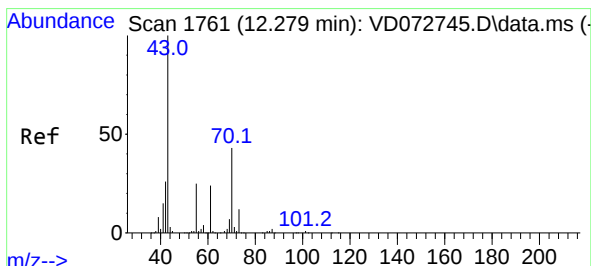
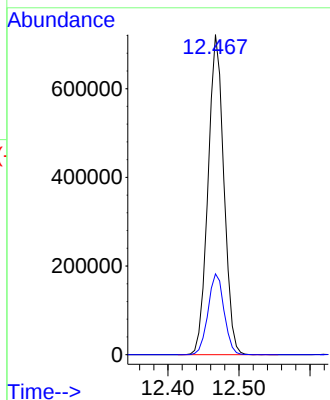
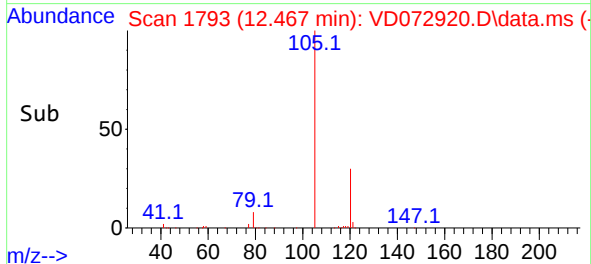
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 111569
Ion Ratio Lower Upper
105 100
120 25.6 13.0 38.9

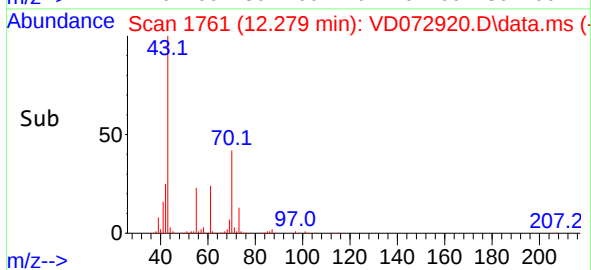
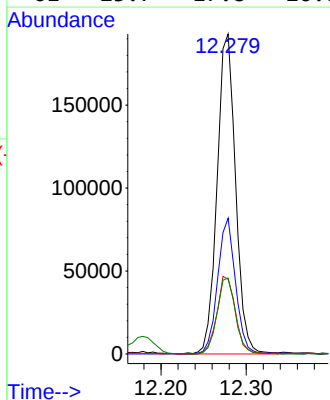
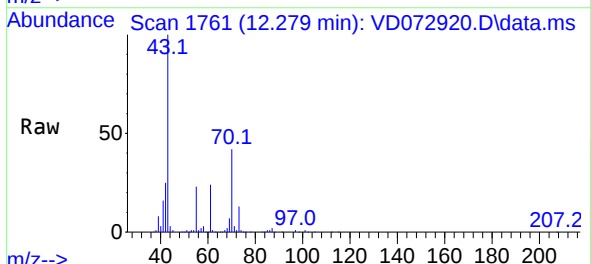
Manual Integrations
APPROVED

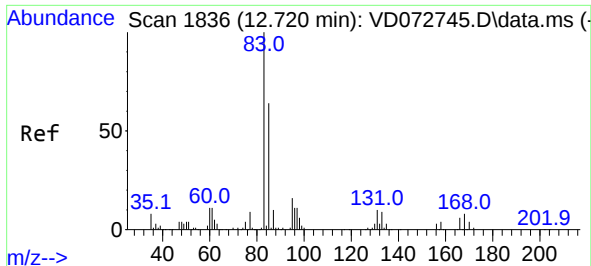
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#74
N-ethyl acetate
Concen: 60.633 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD072920.D
Acq: 10 May 2022 17:57

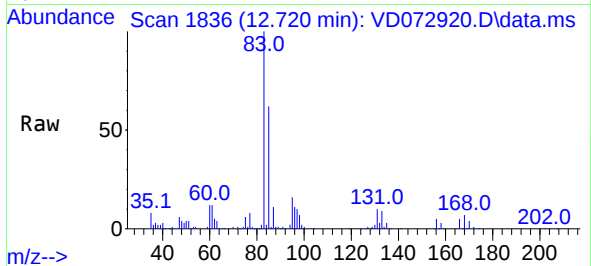
Tgt Ion: 43 Resp: 291406
Ion Ratio Lower Upper
43 100
70 41.0 31.3 46.9
55 24.3 20.0 30.0
61 23.7 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 55.227 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD072920.D
Acq: 10 May 2022 17:57

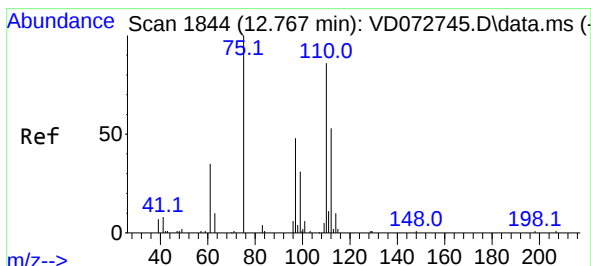
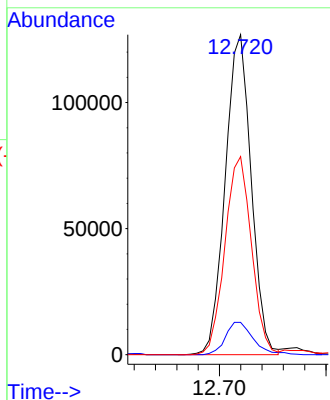
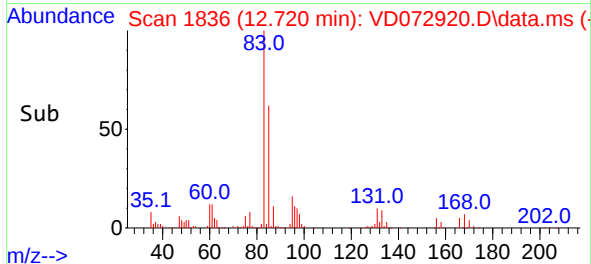
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



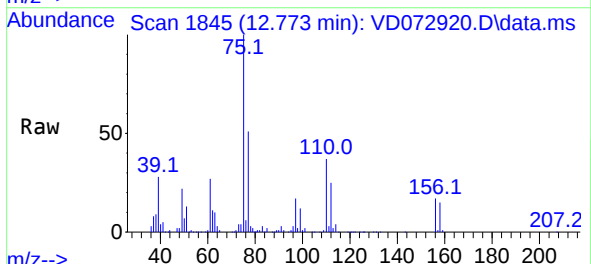
Tgt Ion: 83 Resp: 21515
Ion Ratio Lower Upper
83 100
131 10.9 5.0 14.9
85 63.3 32.6 98.0

Manual Integrations
APPROVED

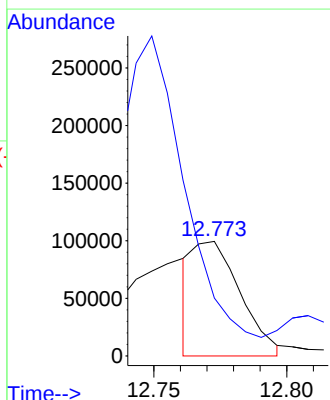
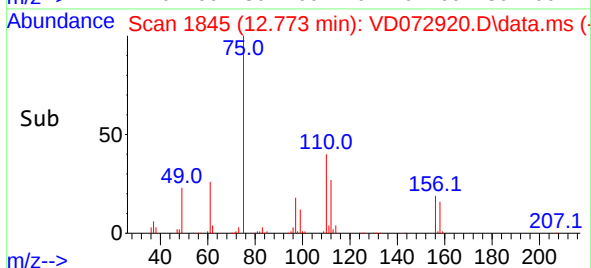
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#76
1,2,3-Trichloropropane
Concen: 44.378 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VD072920.D
Acq: 10 May 2022 17:57



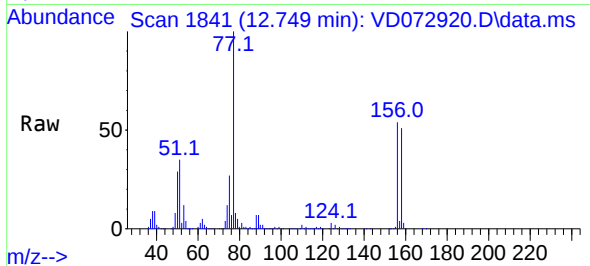
Tgt Ion: 75 Resp: 122747
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 55.596 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD072920.D
Acq: 10 May 2022 17:57

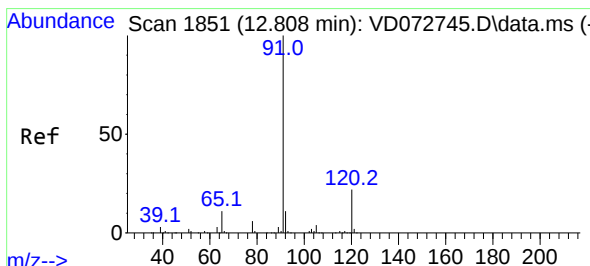
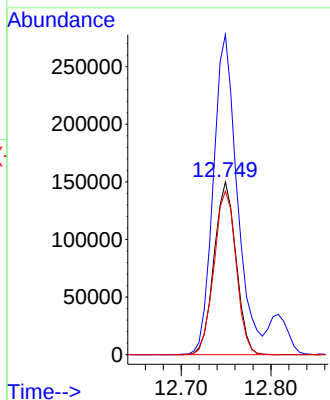
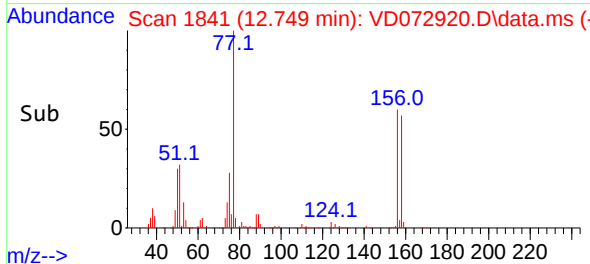
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



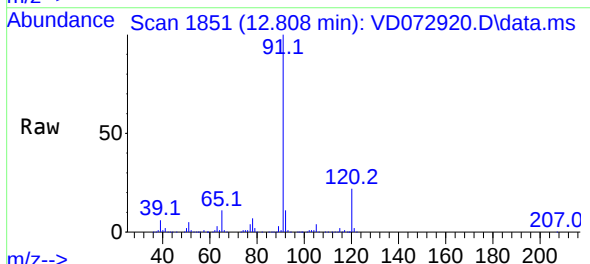
Tgt Ion: 156 Resp: 254785
Ion Ratio Lower Upper
156 100
77 201.5 102.8 308.3
158 95.4 48.7 146.1

Manual Integrations
APPROVED

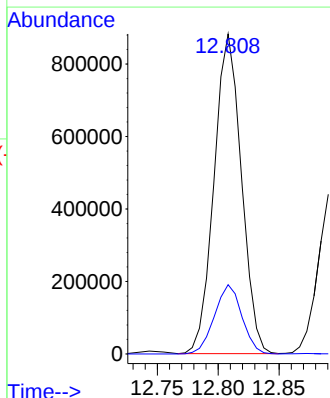
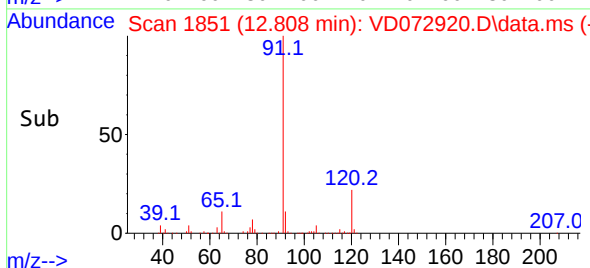
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

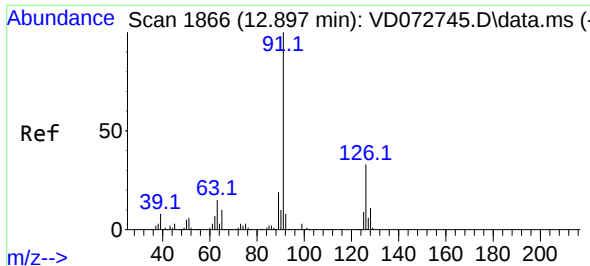


#78
n-propylbenzene
Concen: 56.643 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD072920.D
Acq: 10 May 2022 17:57



Tgt Ion: 91 Resp: 1377741
Ion Ratio Lower Upper
91 100
120 21.7 10.9 32.9





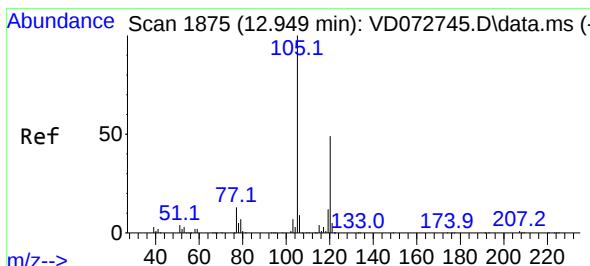
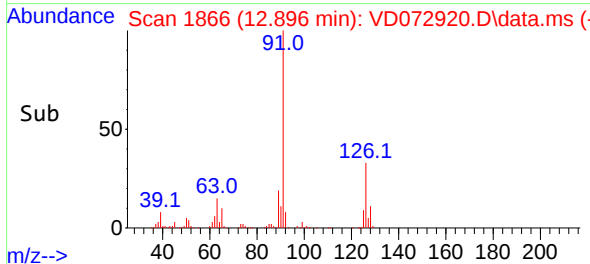
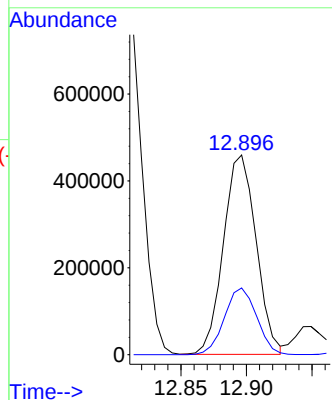
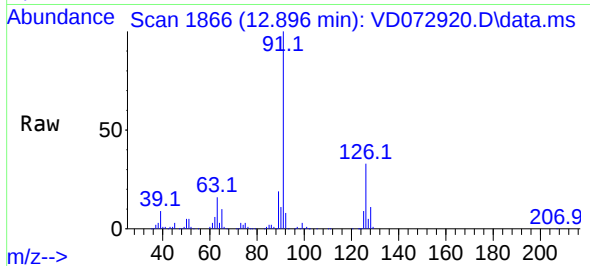
#79
2-Chlorotoluene
Concen: 56.085 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. -0.001 min
Lab File: VD072920.D
Acq: 10 May 2022 17:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 796884
Ion Ratio Lower Upper
91 100
126 33.0 16.2 48.6

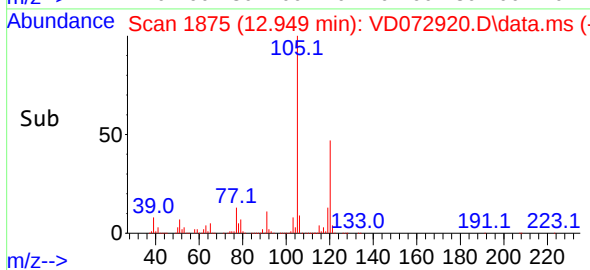
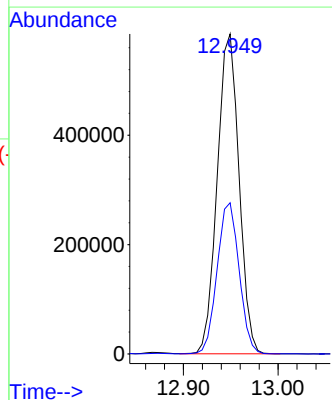
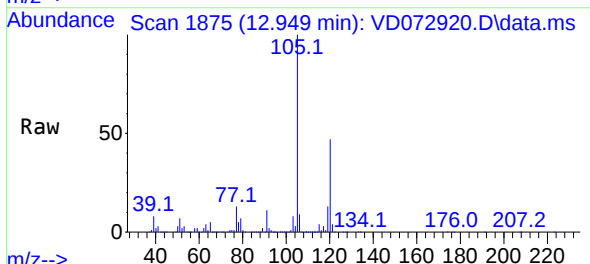
Manual Integrations
APPROVED

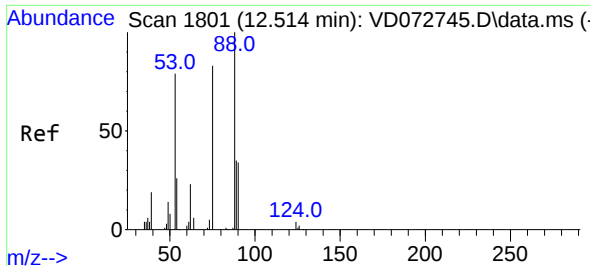
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#80
1,3,5-Trimethylbenzene
Concen: 57.231 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD072920.D
Acq: 10 May 2022 17:57

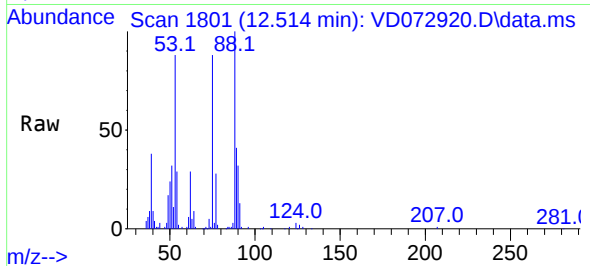
Tgt Ion:105 Resp: 936549
Ion Ratio Lower Upper
105 100
120 47.8 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 56.466 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. -0.000 min
Lab File: VD072920.D
Acq: 10 May 2022 17:57

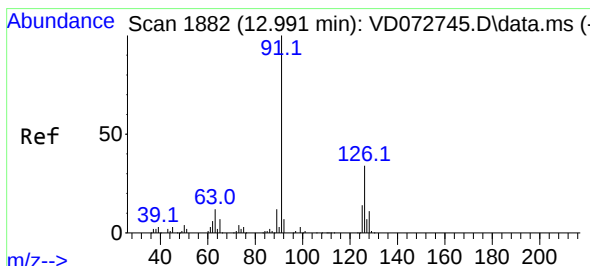
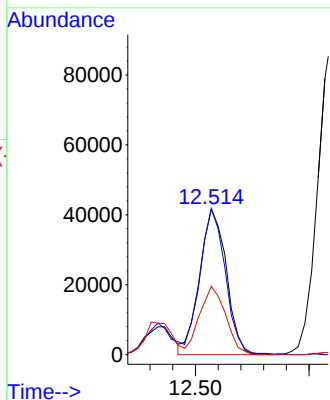
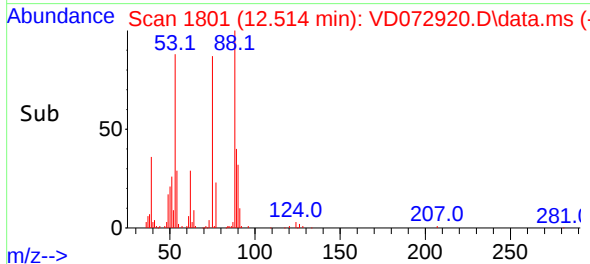
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



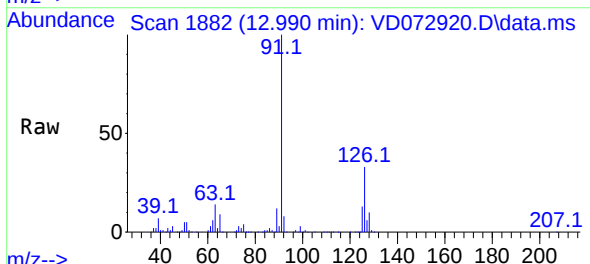
Tgt Ion: 75 Resp: 67910
Ion Ratio Lower Upper
75 100
53 95.4 86.5 129.7
89 45.7 33.9 50.9

Manual Integrations
APPROVED

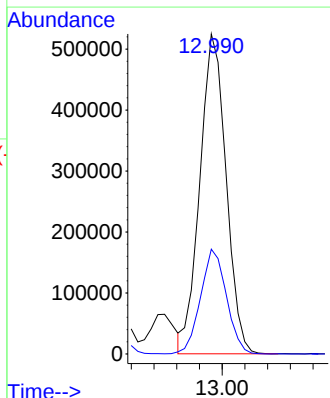
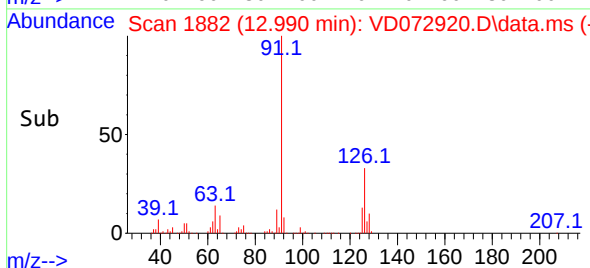
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#82
4-Chlorotoluene
Concen: 56.545 ug/l
RT: 12.990 min Scan# 1882
Delta R.T. -0.001 min
Lab File: VD072920.D
Acq: 10 May 2022 17:57



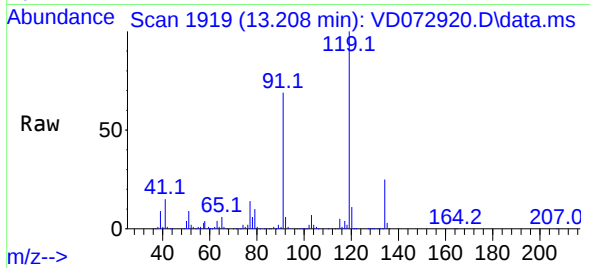
Tgt Ion: 91 Resp: 839449
Ion Ratio Lower Upper
91 100
126 32.4 16.5 49.5





#83
tert-Butylbenzene
Concen: 55.503 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD072920.D
Acq: 10 May 2022 17:57

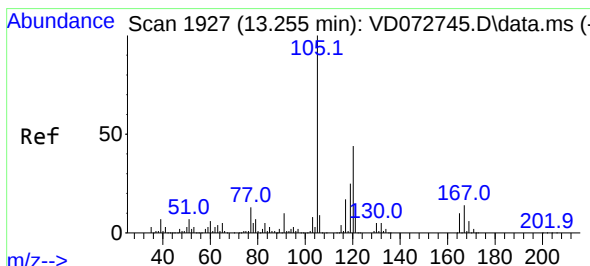
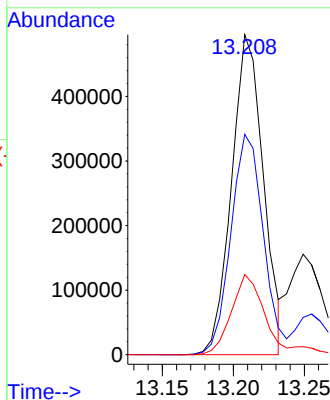
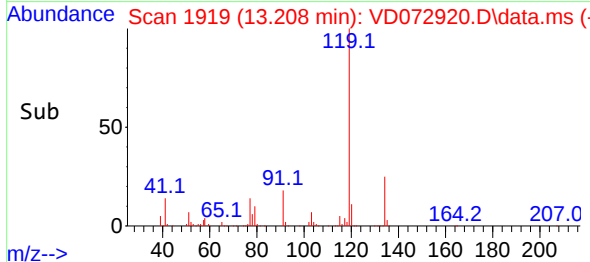
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



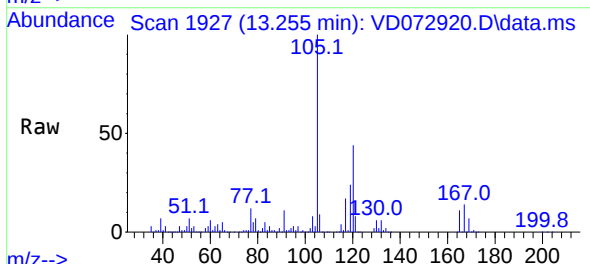
Tgt Ion:119 Resp: 772184
Ion Ratio Lower Upper
119 100
91 70.5 34.8 104.5
134 27.3 13.3 39.9

Manual Integrations
APPROVED

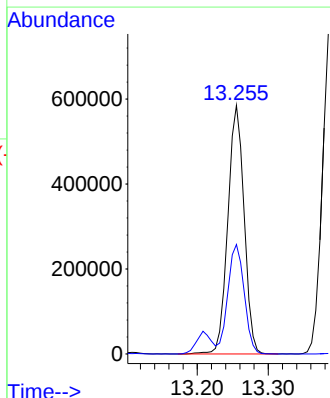
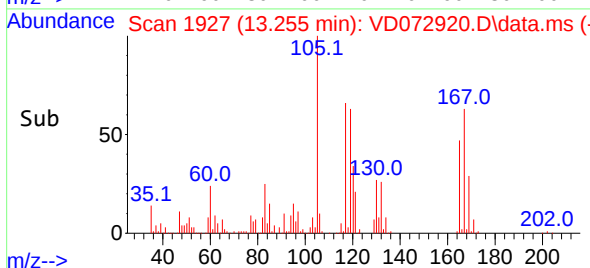
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

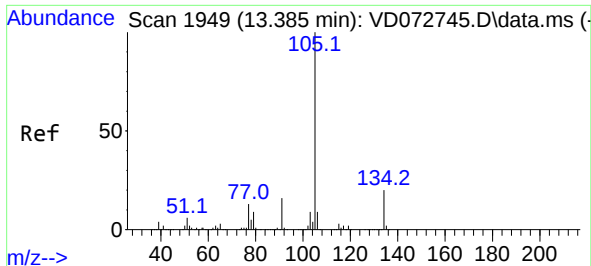


#84
1,2,4-Trimethylbenzene
Concen: 56.944 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD072920.D
Acq: 10 May 2022 17:57



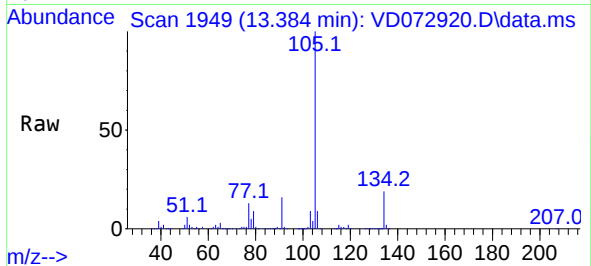
Tgt Ion:105 Resp: 931431
Ion Ratio Lower Upper
105 100
120 44.3 22.3 66.8





#85
sec-Butylbenzene
Concen: 56.671 ug/l
RT: 13.384 min Scan# 1949
Delta R.T. -0.001 min
Lab File: VD072920.D
Acq: 10 May 2022 17:57

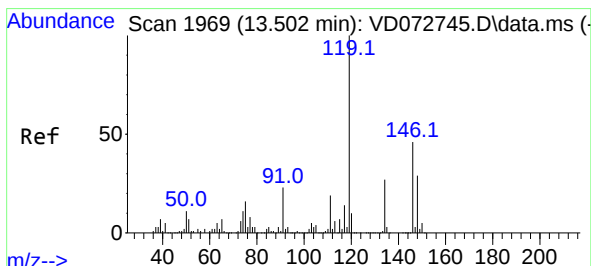
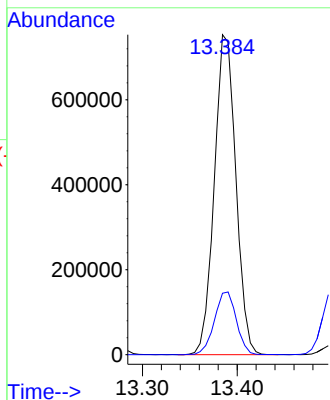
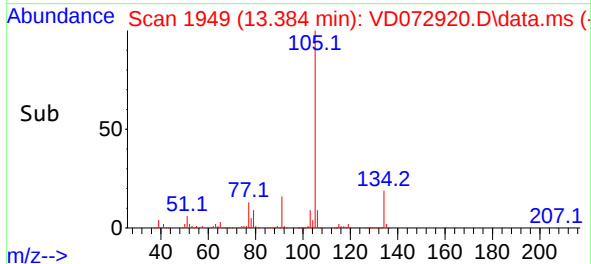
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



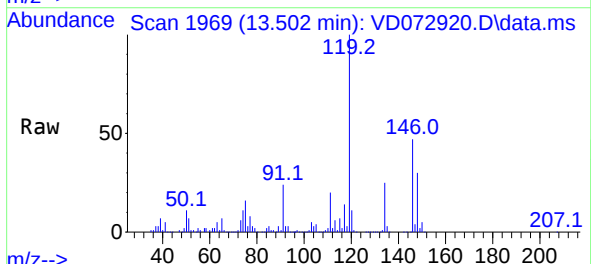
Tgt Ion:105 Resp: 1189150
Ion Ratio Lower Upper
105 100
134 20.0 9.8 29.3

Manual Integrations
APPROVED

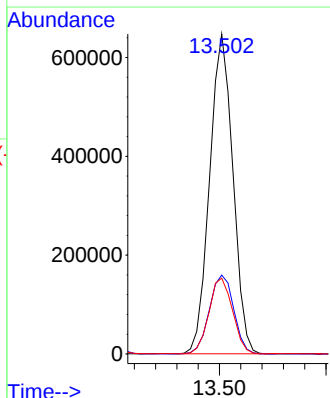
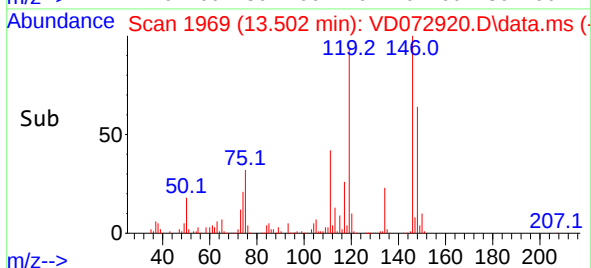
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

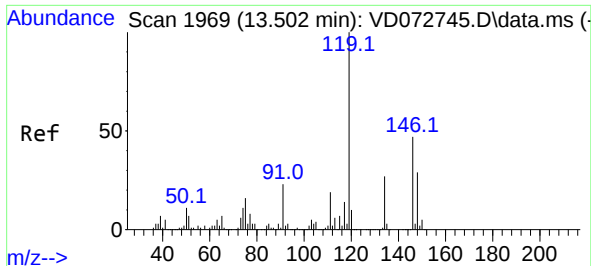


#86
p-Isopropyltoluene
Concen: 57.140 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD072920.D
Acq: 10 May 2022 17:57



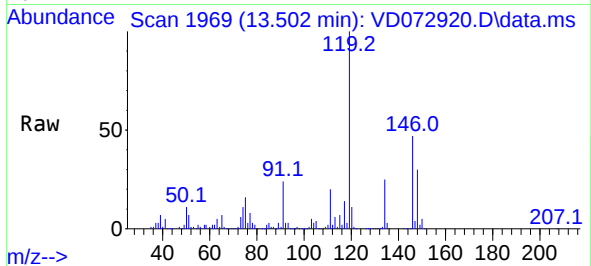
Tgt Ion:119 Resp: 983030
Ion Ratio Lower Upper
119 100
134 25.8 12.9 38.6
91 24.0 12.1 36.3





#87
1,3-Dichlorobenzene
Concen: 54.183 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD072920.D
Acq: 10 May 2022 17:57

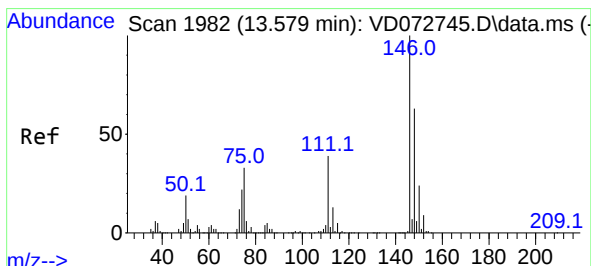
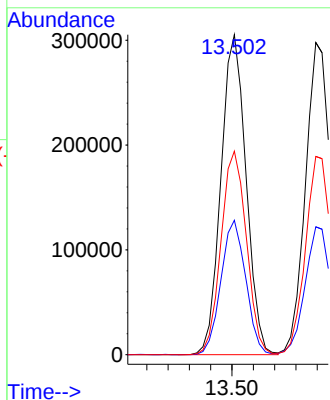
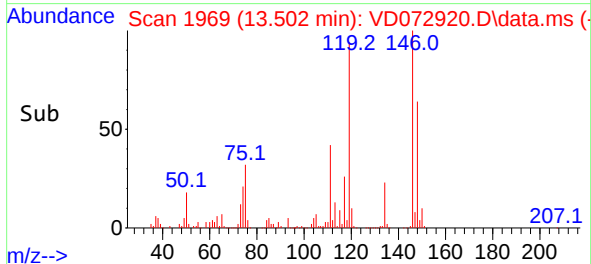
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



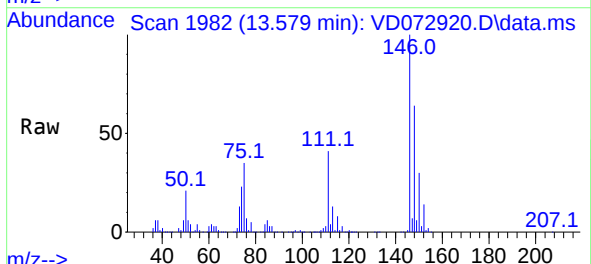
Tgt Ion:146 Resp: 500217
Ion Ratio Lower Upper
146 100
111 41.5 20.4 61.3
148 64.2 31.9 95.7

Manual Integrations
APPROVED

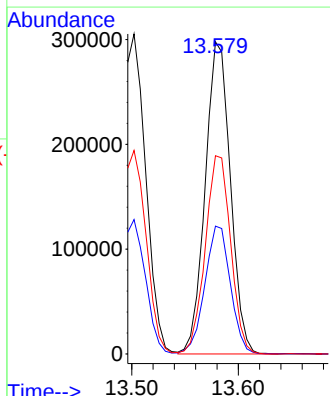
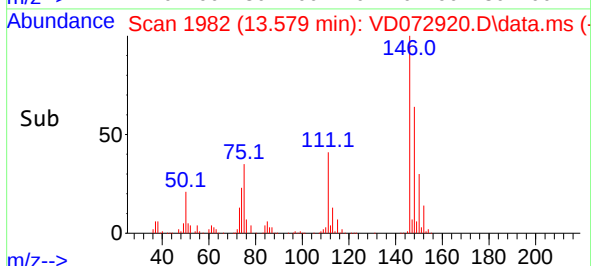
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

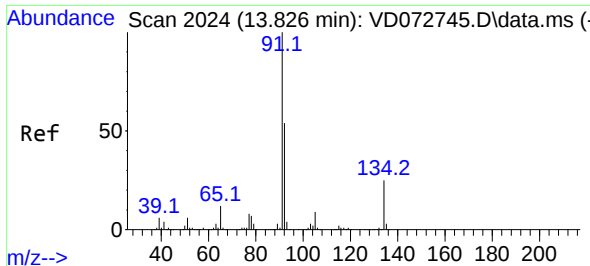


#88
1,4-Dichlorobenzene
Concen: 53.333 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. -0.000 min
Lab File: VD072920.D
Acq: 10 May 2022 17:57



Tgt Ion:146 Resp: 490321
Ion Ratio Lower Upper
146 100
111 41.8 20.3 60.9
148 64.2 31.7 95.1





#89
n-Butylbenzene
Concen: 56.762 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. -0.000 min
Lab File: VD072920.D
Acq: 10 May 2022 17:57

Instrument :

MSVOA_D

ClientSampleId :

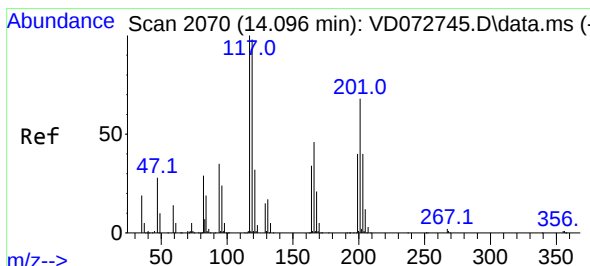
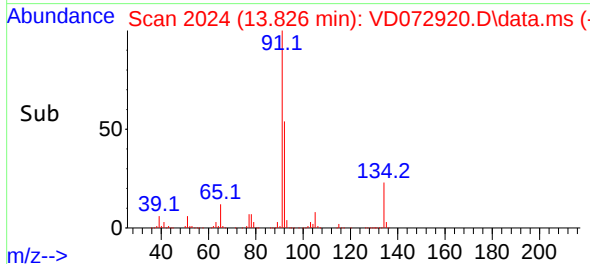
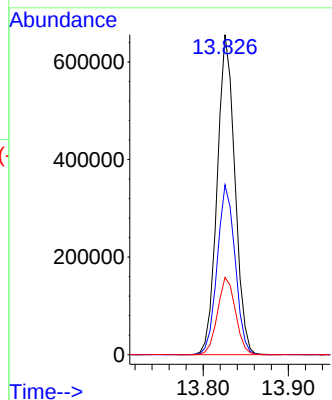
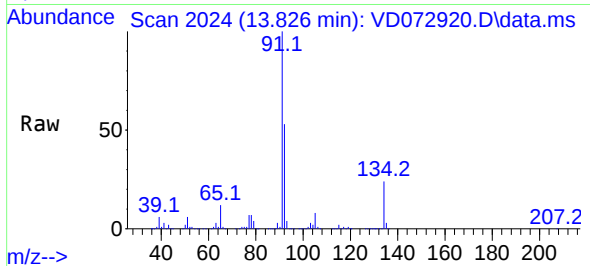
VSTDCCC050EC

Tgt Ion: 91 Resp: 945984
Ion Ratio Lower Upper
91 100
92 53.5 26.6 79.8
134 24.6 12.3 36.9

Manual Integrations

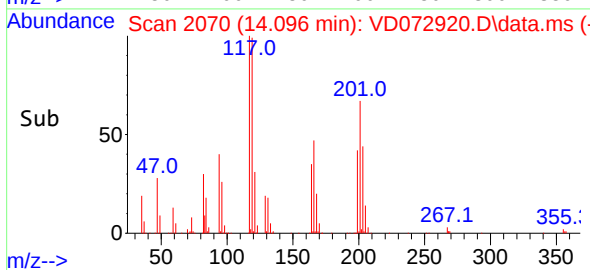
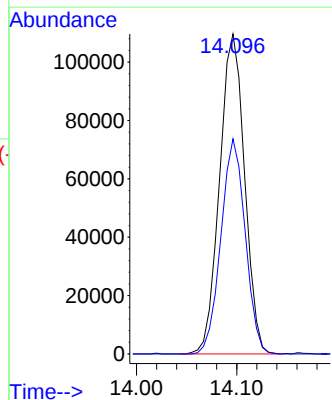
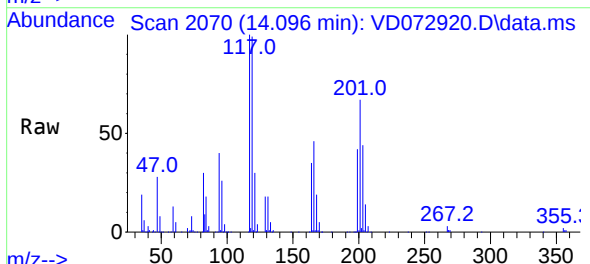
APPROVED

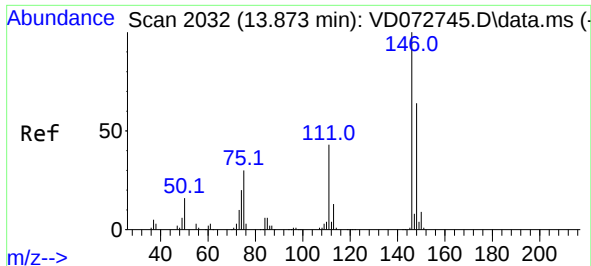
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#90
Hexachloroethane
Concen: 53.817 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD072920.D
Acq: 10 May 2022 17:57

Tgt Ion:117 Resp: 189673
Ion Ratio Lower Upper
117 100
201 65.3 33.4 100.2





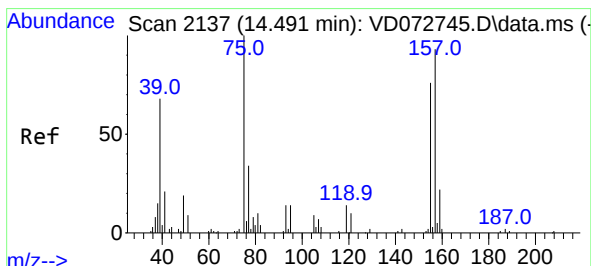
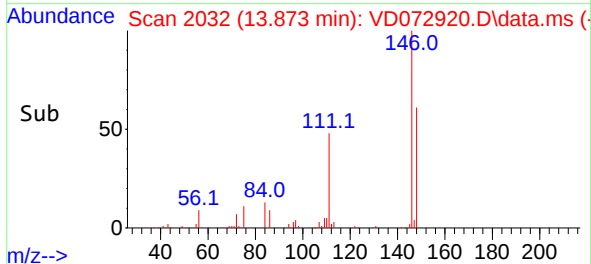
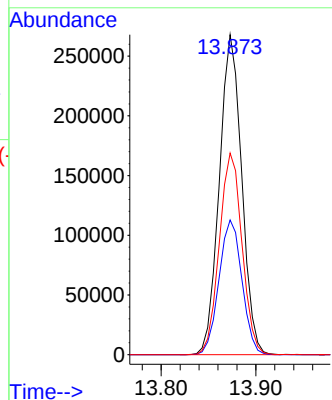
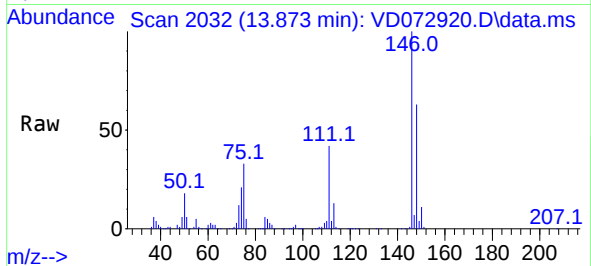
#91
1,2-Dichlorobenzene
Concen: 54.684 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD072920.D
Acq: 10 May 2022 17:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 439982
Ion Ratio Lower Upper
146 100
111 43.2 21.1 63.3
148 64.0 31.7 95.1

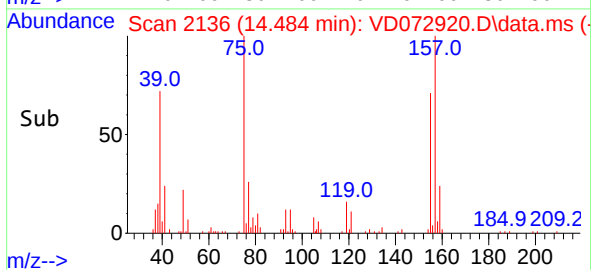
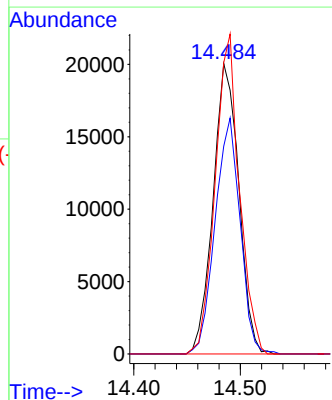
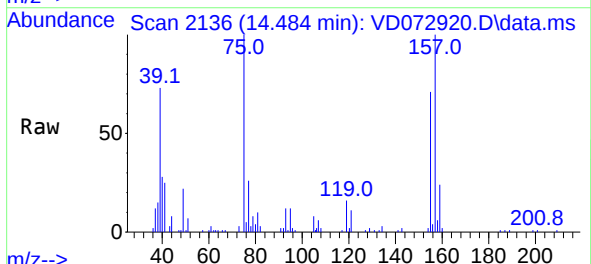
Manual Integrations
APPROVED

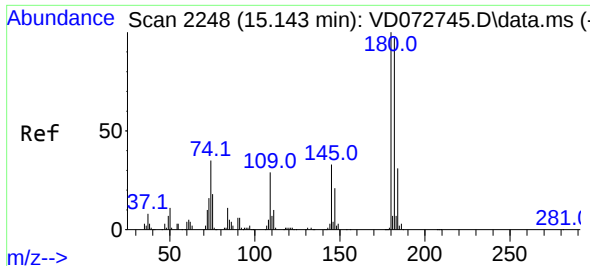
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 54.478 ug/l
RT: 14.484 min Scan# 2136
Delta R.T. -0.007 min
Lab File: VD072920.D
Acq: 10 May 2022 17:57

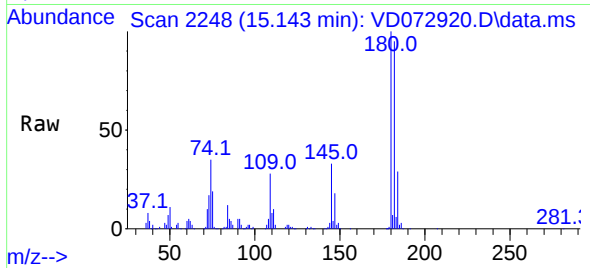
Tgt Ion: 75 Resp: 33643
Ion Ratio Lower Upper
75 100
155 79.0 36.8 110.3
157 103.5 48.4 145.0





#93
1,2,4-Trichlorobenzene
Concen: 56.237 ug/l
RT: 15.143 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD072920.D
Acq: 10 May 2022 17:57

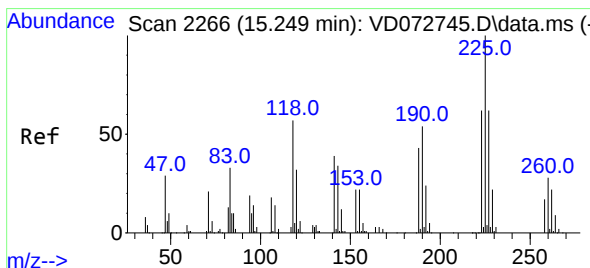
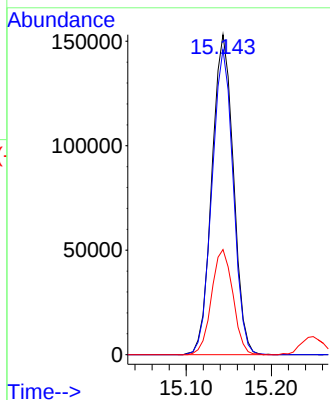
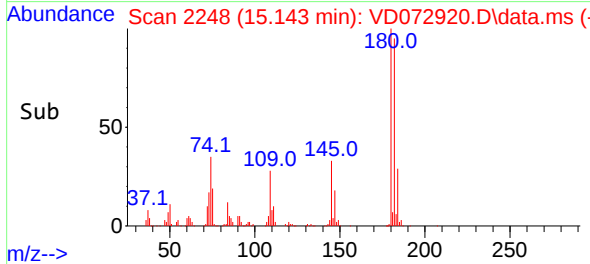
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



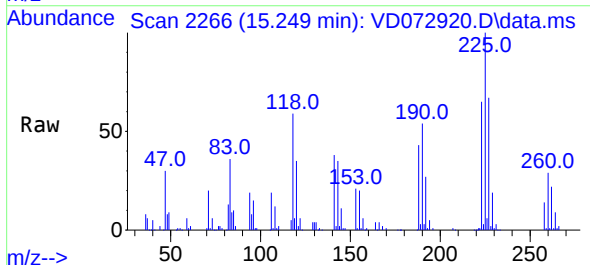
Tgt Ion:180 Resp: 267968
Ion Ratio Lower Upper
180 100
182 94.1 47.3 142.0
145 32.7 16.2 48.5

Manual Integrations
APPROVED

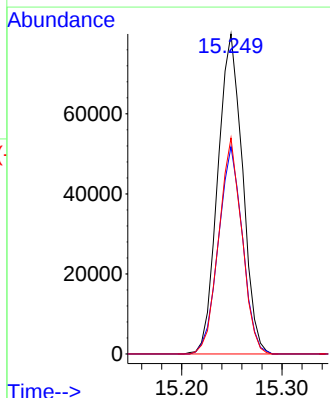
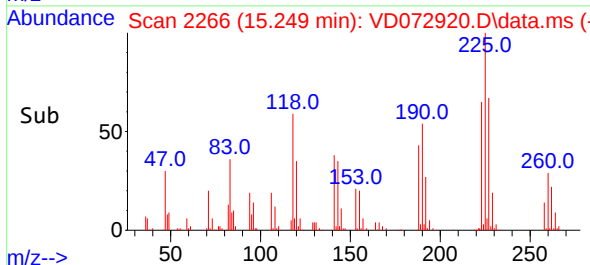
Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022

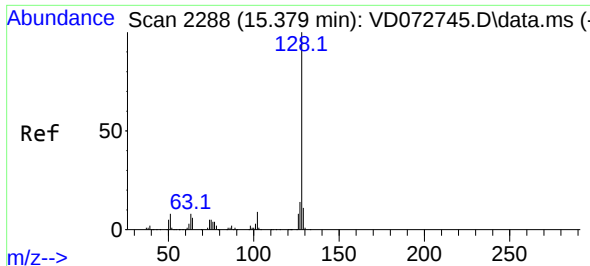


#94
Hexachlorobutadiene
Concen: 52.575 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. 0.000 min
Lab File: VD072920.D
Acq: 10 May 2022 17:57



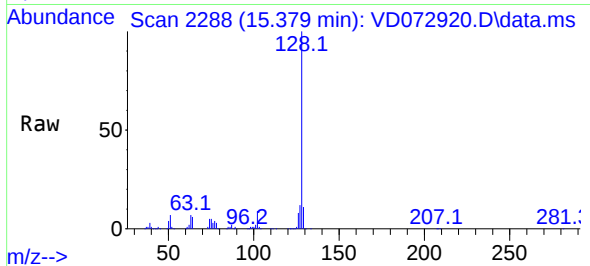
Tgt Ion:225 Resp: 136816
Ion Ratio Lower Upper
225 100
223 62.8 31.1 93.2
227 63.1 32.4 97.0





#95
Naphthalene
Concen: 59.258 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.000 min
Lab File: VD072920.D
Acq: 10 May 2022 17:57

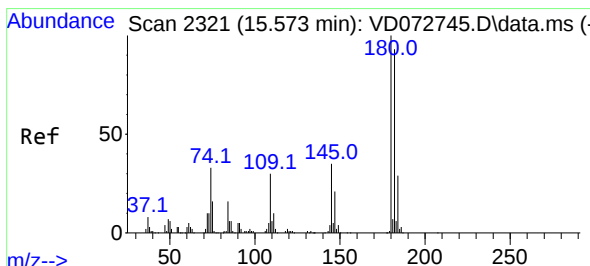
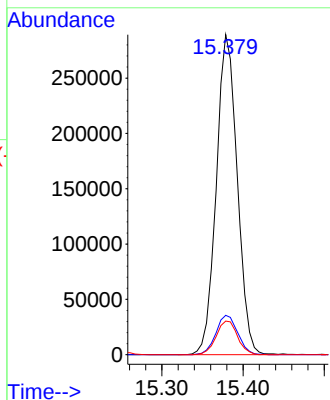
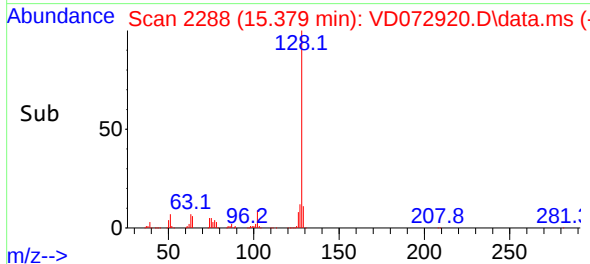
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



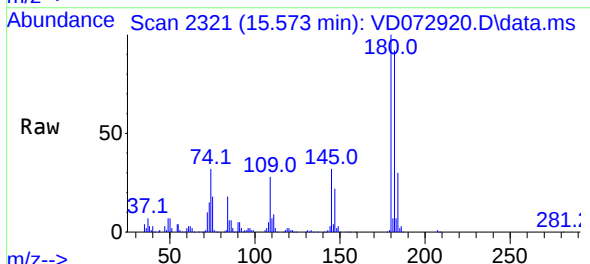
Tgt Ion:128 Resp: 519148
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.8 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/11/2022
Supervised By :Mahesh Dadoda 05/11/2022



#96
1,2,3-Trichlorobenzene
Concen: 55.675 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.000 min
Lab File: VD072920.D
Acq: 10 May 2022 17:57



Tgt Ion:180 Resp: 235169
Ion Ratio Lower Upper
180 100
182 95.0 47.6 142.9
145 34.6 17.1 51.3

