

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050322\
 Data File : VD072763.D
 Acq On : 03 May 2022 12:35
 Operator : VA/SY
 Sample : VD0503SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0503SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/04/2022
 Supervised By : Mahesh Dadoda 05/04/2022

Quant Time: May 03 16:50:04 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	272119	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	458924	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	462684	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	235118	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	198065	56.072	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.140%			
35) Dibromofluoromethane	7.908	113	184054	57.105	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 114.220%			
50) Toluene-d8	10.332	98	660740	57.150	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 114.300%			
62) 4-Bromofluorobenzene	12.620	95	251417	58.320	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 116.640%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	82999	22.072	ug/l	94
3) Chloromethane	2.209	50	80786	20.658	ug/l	99
4) Vinyl Chloride	2.344	62	73951	21.074	ug/l	94
5) Bromomethane	2.750	94	51912	23.224	ug/l	91
6) Chloroethane	2.909	64	46360	21.198	ug/l	100
7) Trichlorofluoromethane	3.267	101	136054	22.142	ug/l	96
8) Diethyl Ether	3.709	74	37461	21.265	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.085	101	82705	22.671	ug/l	98
10) Methyl Iodide	4.297	142	74222	20.273	ug/l	99
11) Tert butyl alcohol	5.185	59	53361	174.600	ug/l #	74
12) 1,1-Dichloroethene	4.067	96	68109	20.757	ug/l	98
13) Acrolein	3.920	56	29946	133.285	ug/l	96
14) Allyl chloride	4.714	41	111378	21.025	ug/l	92
15) Acrylonitrile	5.414	53	93675	111.891	ug/l	97
16) Acetone	4.156	43	76729	108.143	ug/l	95
17) Carbon Disulfide	4.409	76	217146	21.047	ug/l	100
18) Methyl Acetate	4.714	43	46847	24.246	ug/l	98
19) Methyl tert-butyl Ether	5.479	73	172059	21.873	ug/l	99
20) Methylene Chloride	4.961	84	105018	21.236	ug/l	89
21) trans-1,2-Dichloroethene	5.461	96	82364	21.887	ug/l	86
22) Diisopropyl ether	6.361	45	265088	22.748	ug/l	95
23) Vinyl Acetate	6.303	43	699732	108.696	ug/l #	95
24) 1,1-Dichloroethane	6.261	63	151592	21.652	ug/l	99
25) 2-Butanone	7.208	43	112057	108.877	ug/l	96
26) 2,2-Dichloropropane	7.202	77	127812	21.594	ug/l	97
27) cis-1,2-Dichloroethene	7.208	96	93688	21.737	ug/l	91
28) Bromochloromethane	7.544	49	52651	20.166	ug/l #	81
29) Tetrahydrofuran	7.561	42	70224	107.046	ug/l	91
30) Chloroform	7.708	83	165187	22.298	ug/l	92
31) Cyclohexane	7.985	56	133010	21.541	ug/l	97
32) 1,1,1-Trichloroethane	7.897	97	139366	22.073	ug/l	97
36) 1,1-Dichloropropene	8.108	75	115453	22.030	ug/l	96
37) Ethyl Acetate	7.291	43	56495	23.450	ug/l	96
38) Carbon Tetrachloride	8.091	117	122070	22.438	ug/l	98
39) Methylcyclohexane	9.349	83	128820	21.191	ug/l	97
40) Benzene	8.344	78	335700	22.181	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	26038	18.151	ug/l #	81
42) 1,2-Dichloroethane	8.414	62	102961	22.575	ug/l	97
43) Isopropyl Acetate	8.444	43	98778	22.214	ug/l #	94
44) Trichloroethene	9.108	130	88690	21.904	ug/l	100
45) 1,2-Dichloropropane	9.385	63	88271	22.209	ug/l	99
46) Dibromomethane	9.467	93	50359	22.969	ug/l	98
47) Bromodichloromethane	9.655	83	125553	22.260	ug/l	95
48) Methyl methacrylate	9.449	41	49353	22.687	ug/l	89
49) 1,4-Dioxane	9.455	88	10534	426.663	ug/l	92
51) 4-Methyl-2-Pentanone	10.220	43	268619	116.251	ug/l	98
52) Toluene	10.396	92	217376	23.025	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	117769	22.732	ug/l	96
54) cis-1,3-Dichloropropene	10.085	75	134938	22.419	ug/l	91
55) 1,1,2-Trichloroethane	10.791	97	68615	23.150	ug/l	97
56) Ethyl methacrylate	10.649	69	79510	22.784	ug/l #	88
57) 1,3-Dichloropropane	10.938	76	115055	22.621	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.938	63	181831	107.467	ug/l	97
59) 2-Hexanone	10.973	43	178438	114.765	ug/l	98
60) Dibromochloromethane	11.132	129	88194	23.637	ug/l	97
61) 1,2-Dibromoethane	11.238	107	63728	22.090	ug/l	93
64) Tetrachloroethene	10.867	164	71460	21.125	ug/l	96
65) Chlorobenzene	11.661	112	230143	21.505	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	87471	21.749	ug/l	98
67) Ethyl Benzene	11.738	91	403658	21.795	ug/l	97
68) m/p-Xylenes	11.843	106	318138	44.594	ug/l	99
69) o-Xylene	12.173	106	146741	22.024	ug/l	93
70) Styrene	12.185	104	261514	22.654	ug/l	96
71) Bromoform	12.349	173	49426	22.676	ug/l #	99
73) Isopropylbenzene	12.467	105	383623	20.971	ug/l	99
74) N-amyl acetate	12.279	43	95736	21.016	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	81200	21.990	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	57710m	22.012	ug/l	
77) Bromobenzene	12.749	156	93532	21.532	ug/l	96
78) n-propylbenzene	12.808	91	494657	21.455	ug/l	99
79) 2-Chlorotoluene	12.896	91	283355	21.039	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	335526	21.631	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	25471	22.341	ug/l	91
82) 4-Chlorotoluene	12.990	91	308641	21.933	ug/l	100
83) tert-Butylbenzene	13.208	119	277629	21.053	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	335654	21.649	ug/l	100
85) sec-Butylbenzene	13.390	105	425977	21.417	ug/l	99
86) p-Isopropyltoluene	13.502	119	349911	21.458	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	189961	21.708	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	188612	21.644	ug/l	99
89) n-Butylbenzene	13.826	91	335609	21.245	ug/l	99
90) Hexachloroethane	14.090	117	69349	20.759	ug/l	98
91) 1,2-Dichlorobenzene	13.873	146	165544	21.707	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.484	75	12331	21.066	ug/l	96
93) 1,2,4-Trichlorobenzene	15.143	180	94734	20.975	ug/l	99
94) Hexachlorobutadiene	15.249	225	50955	20.658	ug/l	97
95) Naphthalene	15.384	128	170463	20.528	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	85742	21.416	ug/l	99

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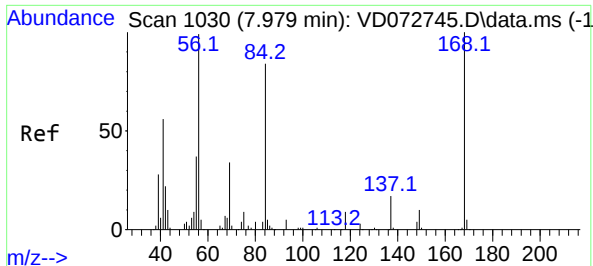
Manual Integrations
APPROVED

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

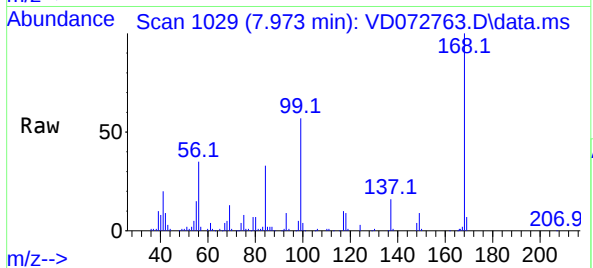
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.973 min Scan# 10
 Delta R.T. -0.006 min
 Lab File: VD072763.D
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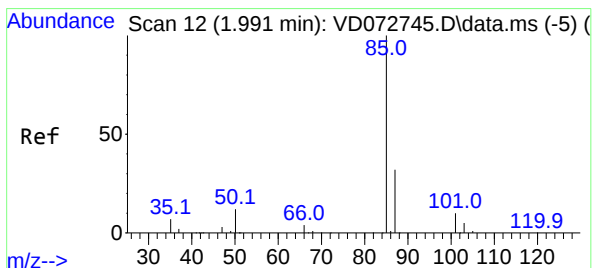
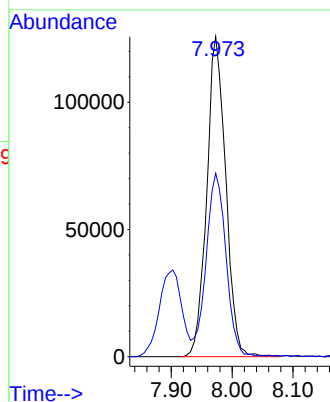
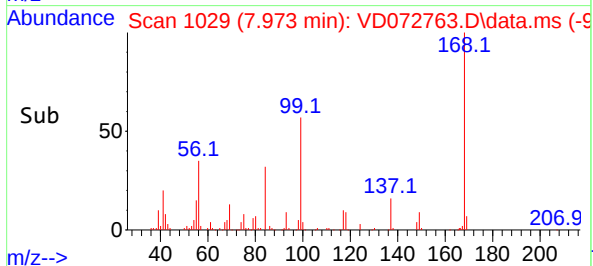
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 ClientSampleId :
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Tgt Ion:168 Resp: 272119
 Ion Ratio Lower Upper
 168 100
 99 57.1 49.8 74.6

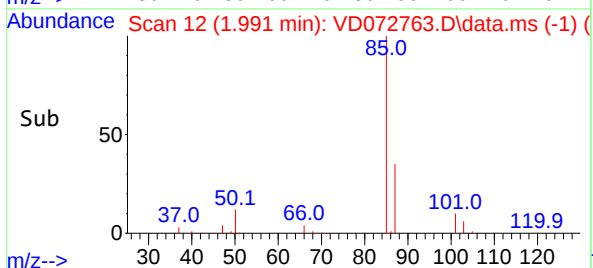
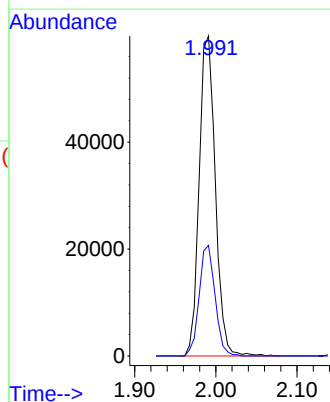
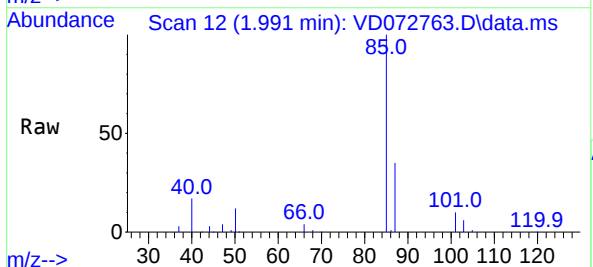
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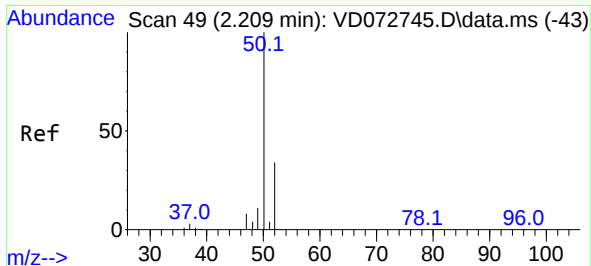
Reviewed By :John Carlone 05/04/2022
 Supervised By :Mahesh Dadoda 05/04/2022



Dichlorodifluoromethane
 Concen: 22.072 ug/l
 RT: 1.991 min Scan# 12
 Delta R.T. -0.000 min
 Lab File: VD072763.D
 Acq: 03 May 2022 12:35

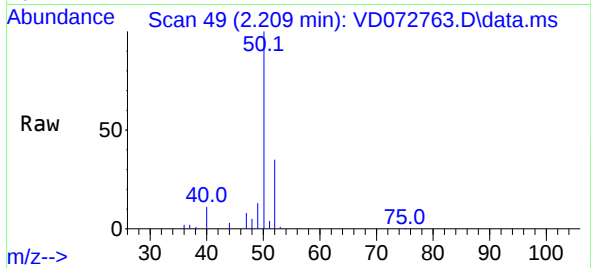
Tgt Ion: 85 Resp: 82999
 Ion Ratio Lower Upper
 85 100
 87 34.6 15.7 47.0





#3
Chloromethane
Concen: 20.658 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD072763.D
Acq: 03 May 2022 12:35

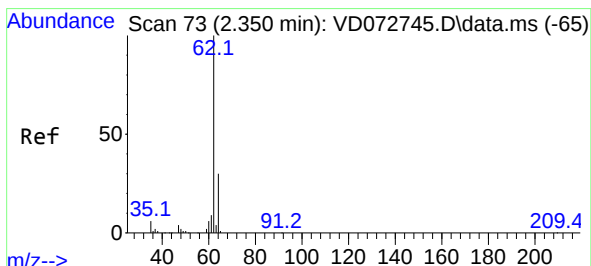
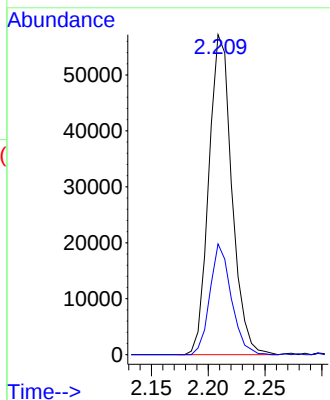
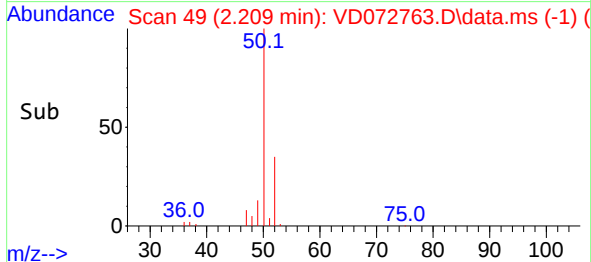
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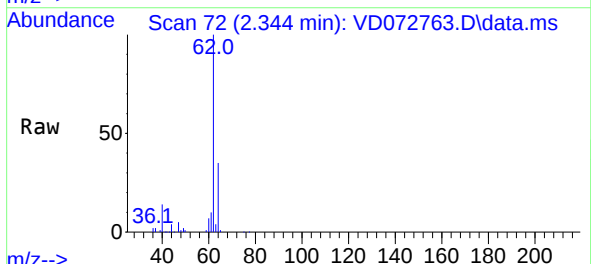
Tgt Ion: 50 Resp: 80780
Ion Ratio Lower Upper
50 100
52 34.6 27.4 41.0

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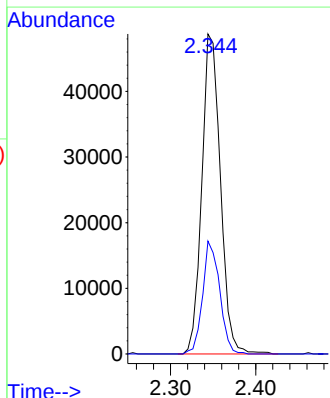
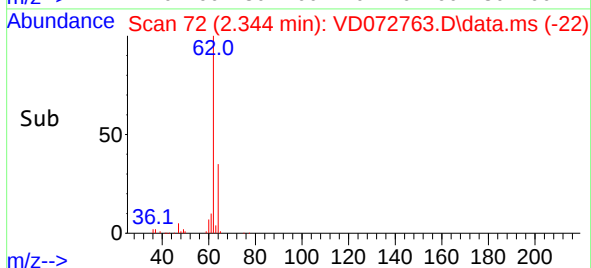
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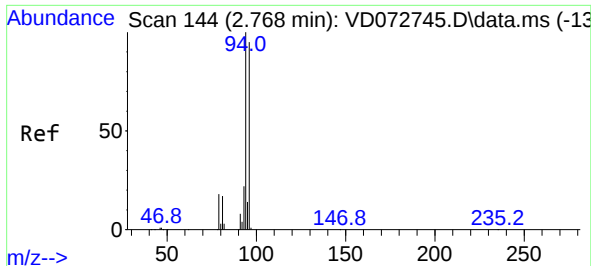


#4
Vinyl Chloride
Concen: 21.074 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD072763.D
Acq: 03 May 2022 12:35



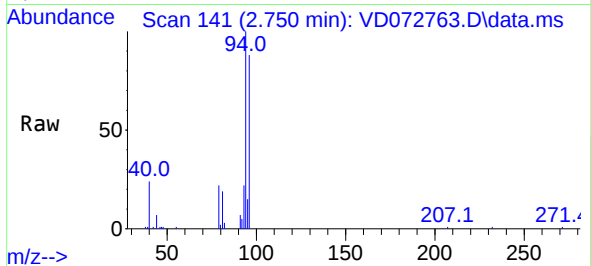
Tgt Ion: 62 Resp: 73951
Ion Ratio Lower Upper
62 100
64 35.2 25.4 38.0





#5
Bromomethane
Concen: 23.224 ug/l
RT: 2.750 min Scan# 144
Delta R.T. -0.018 min
Lab File: VD072763.D
Acq: 03 May 2022 12:35

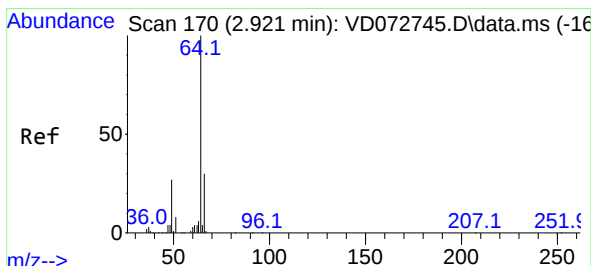
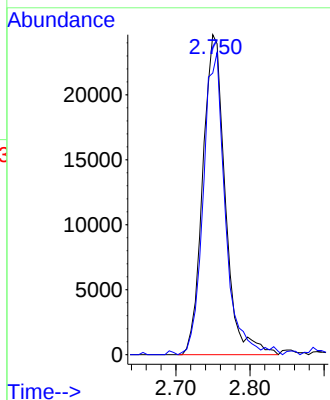
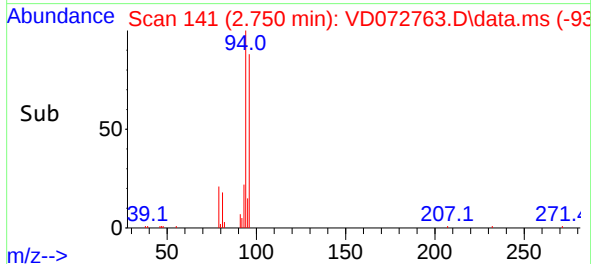
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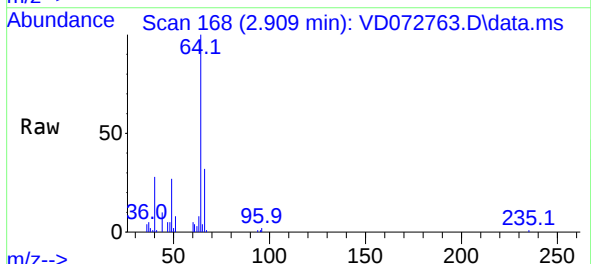
Tgt Ion: 94 Resp: 51912
Ion Ratio Lower Upper
94 100
96 88.0 77.6 116.4

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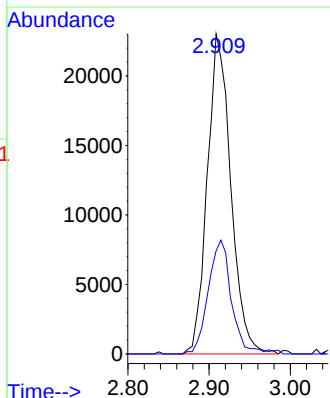
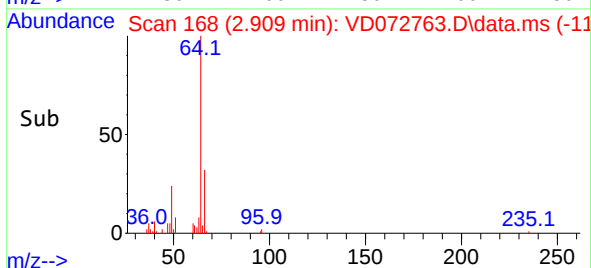
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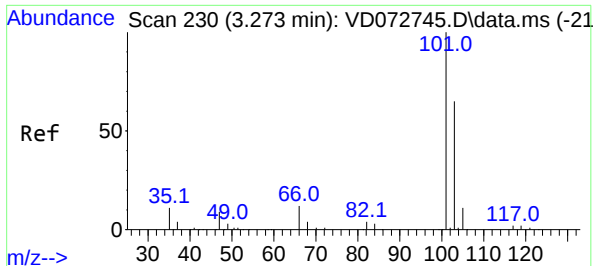


#6
Chloroethane
Concen: 21.198 ug/l
RT: 2.909 min Scan# 168
Delta R.T. -0.012 min
Lab File: VD072763.D
Acq: 03 May 2022 12:35



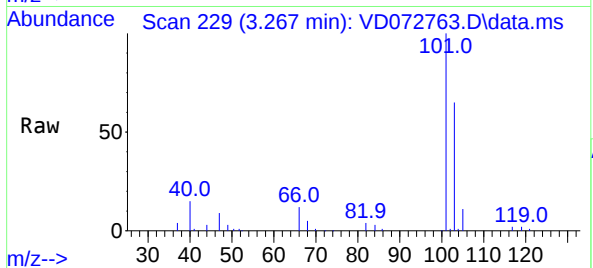
Tgt Ion: 64 Resp: 46360
Ion Ratio Lower Upper
64 100
66 32.3 25.9 38.9





#7
Trichlorofluoromethane
Concen: 22.142 ug/l
RT: 3.267 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD072763.D
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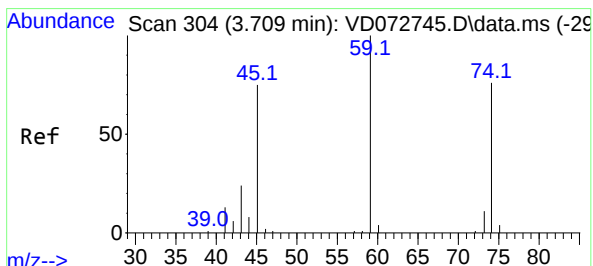
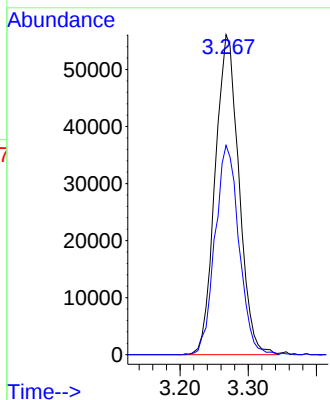
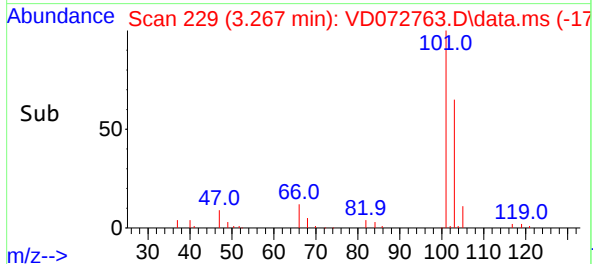
Instrument :
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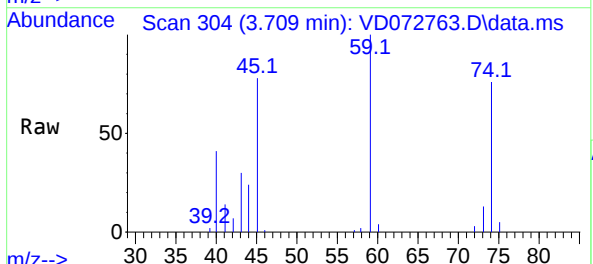
Tgt Ion:101 Resp: 136054
Ion Ratio Lower Upper
101 100
103 65.4 50.1 75.1

Manual Integrations
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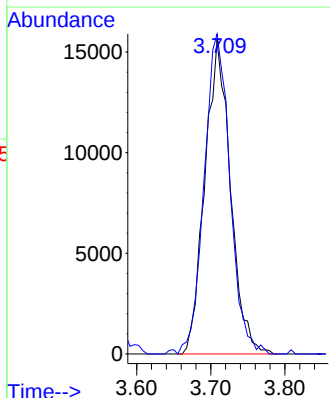
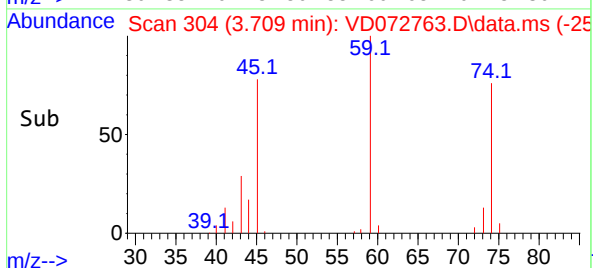
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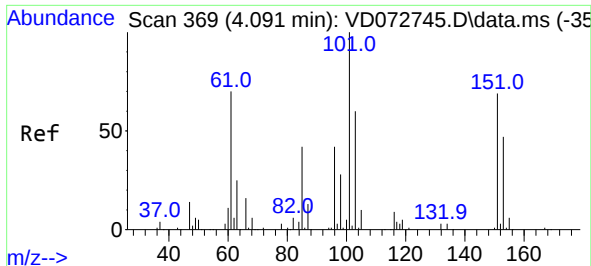


#8
Diethyl Ether
Concen: 21.265 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 37461
Ion Ratio Lower Upper
74 100
45 102.9 52.6 157.8





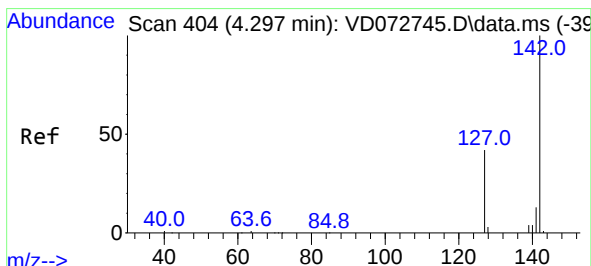
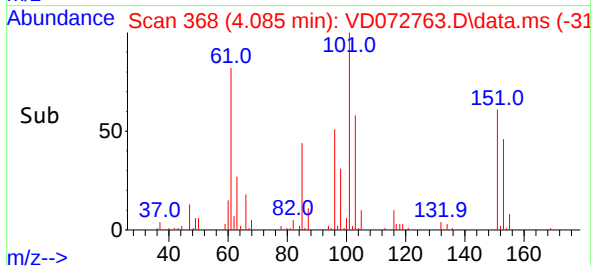
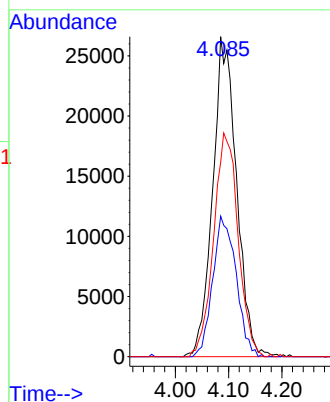
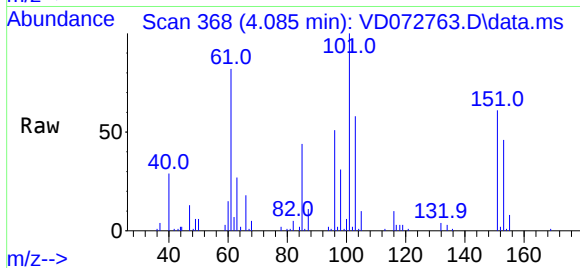
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.671 ug/l
RT: 4.085 min Scan# 368
Delta R.T. -0.006 min
Lab File: VD072763.D
Acq: 03 May 2022 12:35

Instrument :
MSVOA_D
ClientSampleId :
VD0503SBS01

Tgt Ion:101 Resp: 82705
Ion Ratio Lower Upper
101 100
85 43.0 36.4 54.6
151 71.7 57.3 85.9

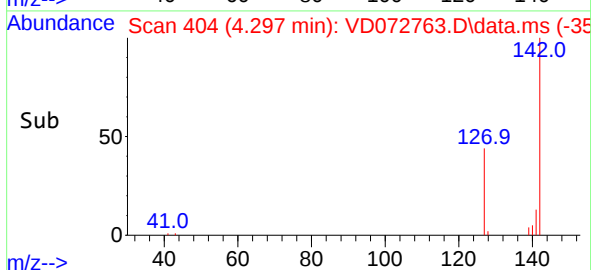
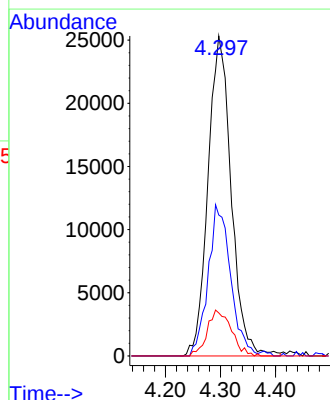
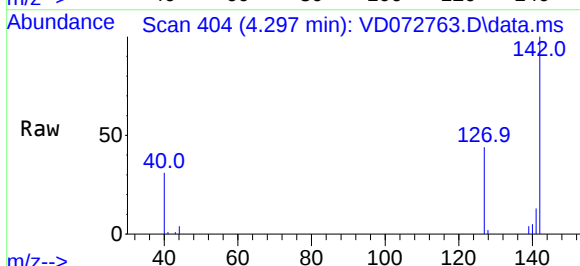
Manual Integrations
APPROVED

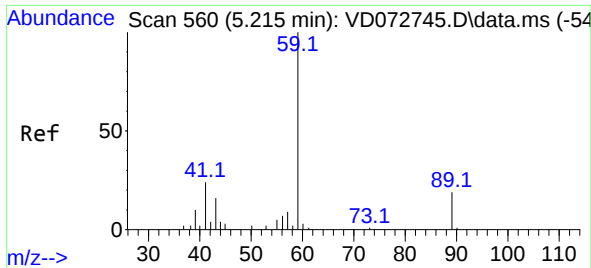
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022



#10
Methyl Iodide
Concen: 20.273 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD072763.D
Acq: 03 May 2022 12:35

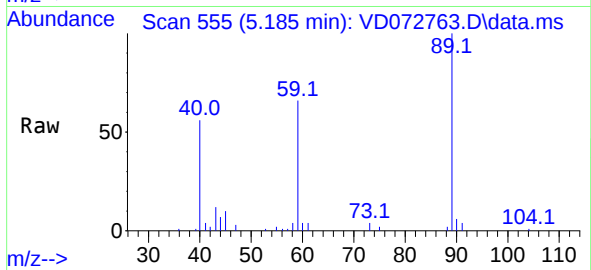
Tgt Ion:142 Resp: 74222
Ion Ratio Lower Upper
142 100
127 45.7 37.3 55.9
141 14.9 11.7 17.5





#11
Tert butyl alcohol
Concen: 174.600 ug/l
RT: 5.185 min Scan# 511
Delta R.T. -0.030 min
Lab File: VD072763.D
Acq: 03 May 2022 12:35

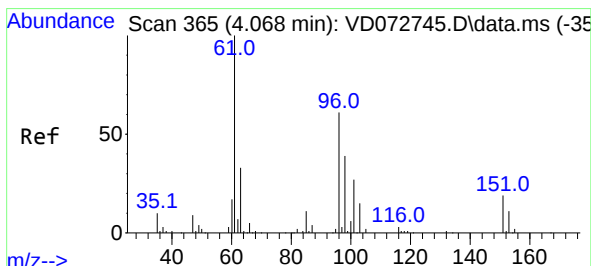
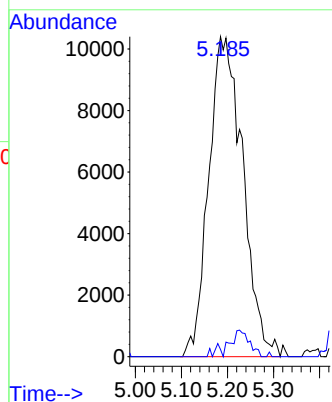
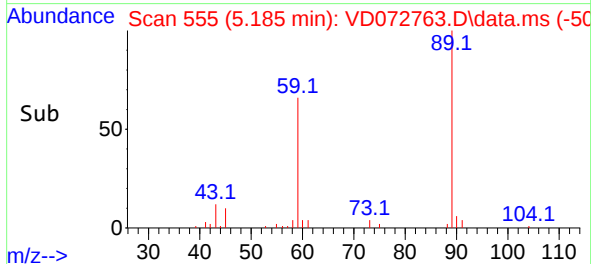
Instrument :
MSVOA_D
ClientSampleId :
VD0503SBS01



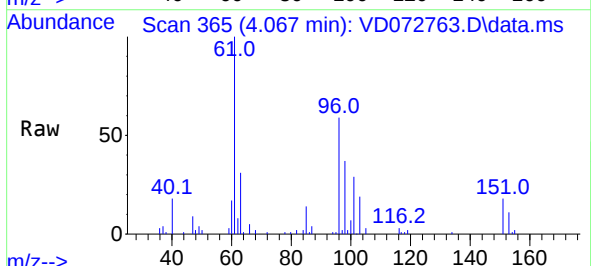
Tgt Ion: 59 Resp: 5336
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6

Manual Integrations
APPROVED

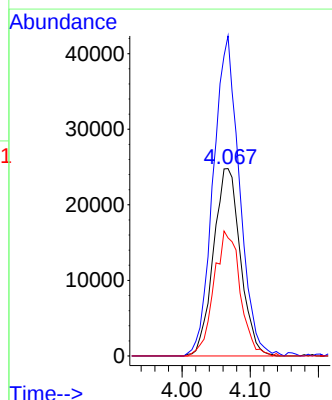
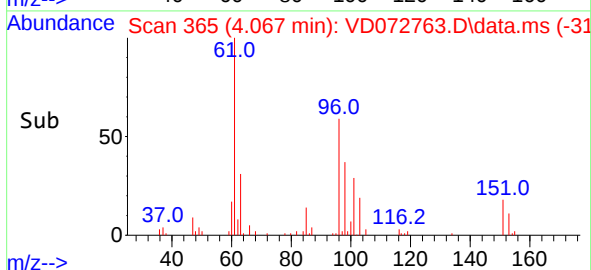
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

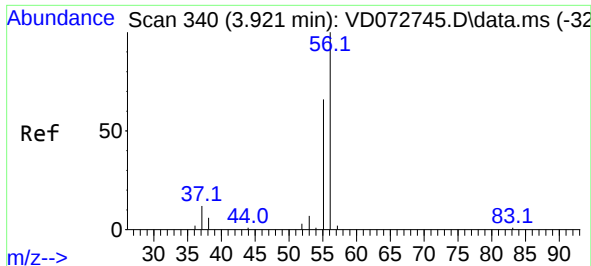


#12
1,1-Dichloroethene
Concen: 20.757 ug/l
RT: 4.067 min Scan# 365
Delta R.T. -0.001 min
Lab File: VD072763.D
Acq: 03 May 2022 12:35



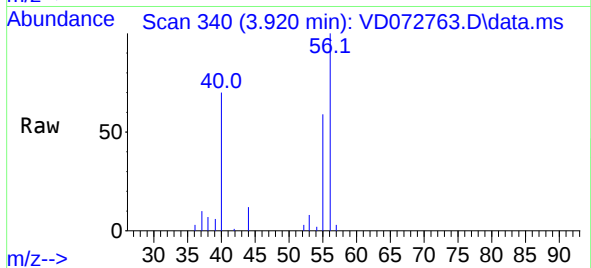
Tgt Ion: 96 Resp: 68109
Ion Ratio Lower Upper
96 100
61 170.9 138.5 207.7
98 63.0 48.6 73.0





#13
Acrolein
Concen: 133.285 ug/l
RT: 3.920 min Scan# 340
Delta R.T. -0.001 min
Lab File: VD072763.D
Acq: 03 May 2022 12:35

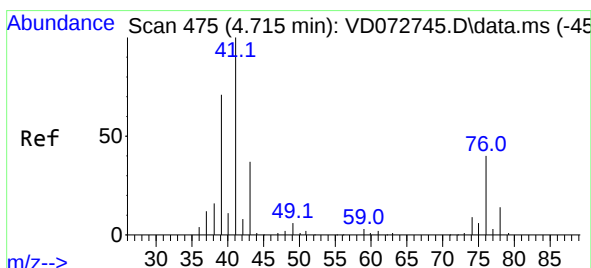
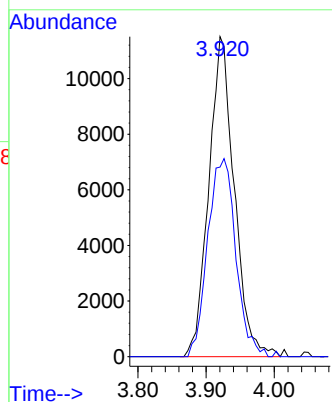
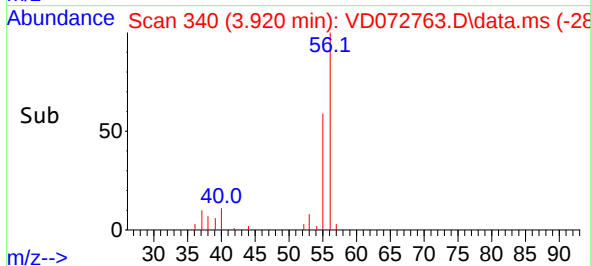
Instrument :
MSVOA_D
ClientSampleId :
VD0503SBS01



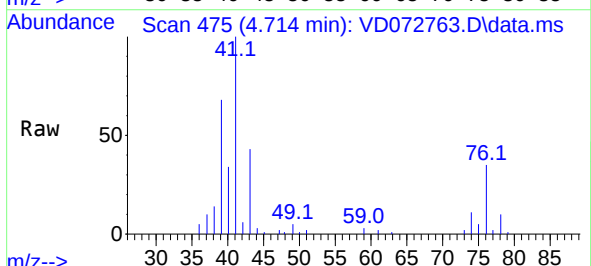
Tgt Ion: 56 Resp: 29940
Ion Ratio Lower Upper
56 100
55 68.1 57.1 85.7

Manual Integrations
APPROVED

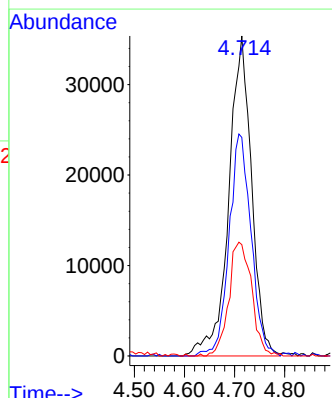
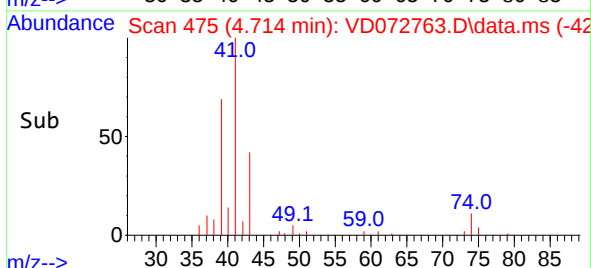
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

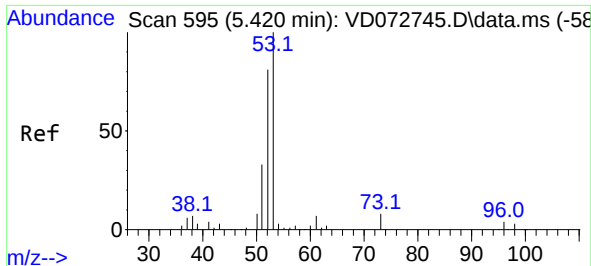


#14
Allyl chloride
Concen: 21.025 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.001 min
Lab File: VD072763.D
Acq: 03 May 2022 12:35



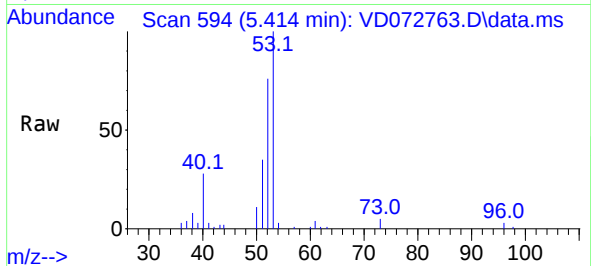
Tgt Ion: 41 Resp: 111378
Ion Ratio Lower Upper
41 100
39 67.3 59.3 88.9
76 35.7 25.7 38.5





#15
Acrylonitrile
Concen: 111.891 ug/l
RT: 5.414 min Scan# 595
Delta R.T. -0.006 min
Lab File: VD072763.D
Acq: 03 May 2022 12:35

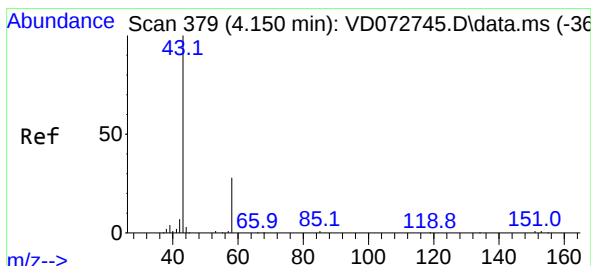
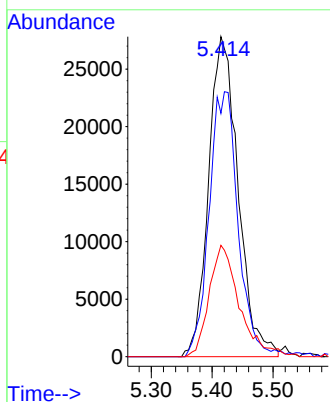
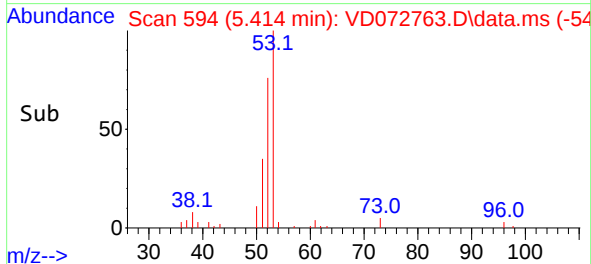
Instrument :
MSVOA_D
ClientSampleId :
VD0503SBS01



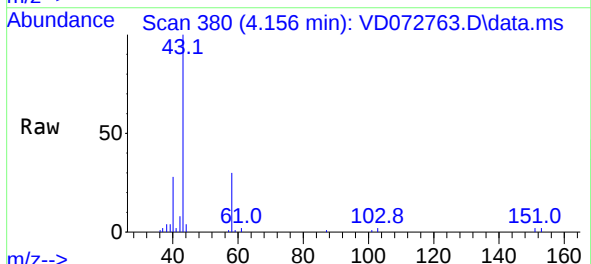
Tgt Ion: 53 Resp: 93679
Ion Ratio Lower Upper
53 100
52 81.6 67.2 100.8
51 35.8 30.3 45.5

Manual Integrations
APPROVED

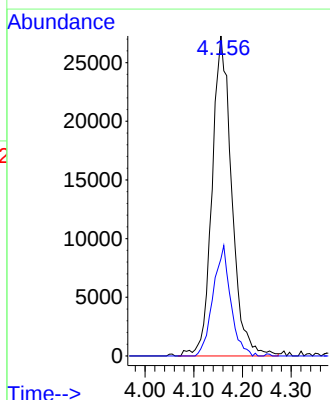
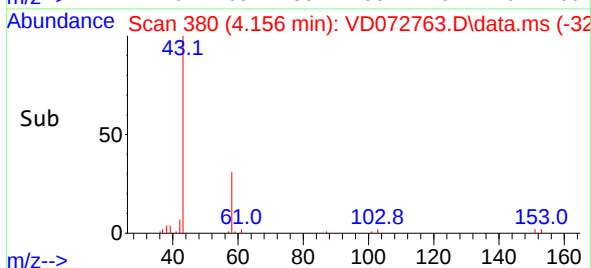
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

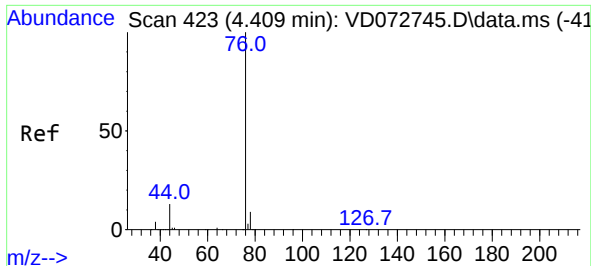


#16
Acetone
Concen: 108.143 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD072763.D
Acq: 03 May 2022 12:35



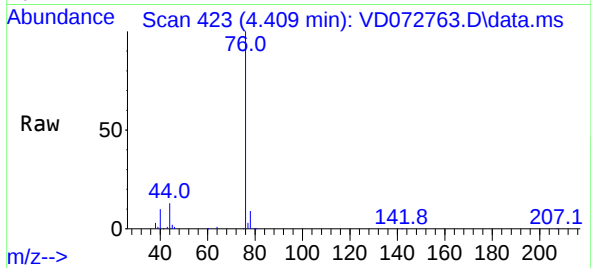
Tgt Ion: 43 Resp: 76729
Ion Ratio Lower Upper
43 100
58 30.3 22.1 33.1





#17
Carbon Disulfide
Concen: 21.047 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD072763.D
Acq: 03 May 2022 12:35

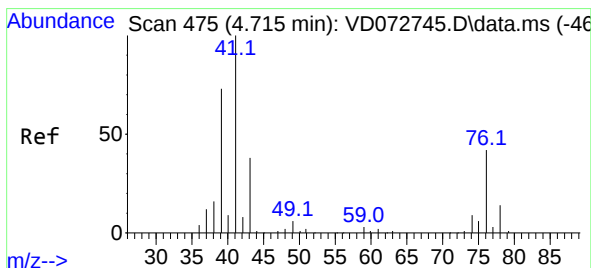
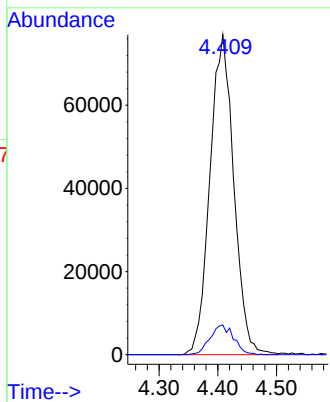
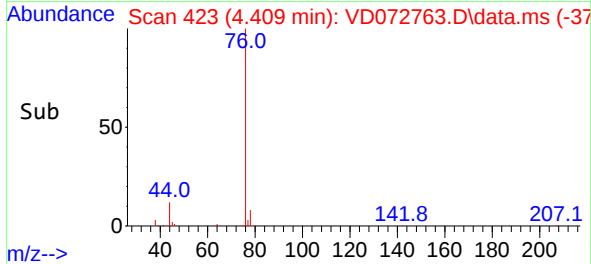
Instrument :
MSVOA_D
ClientSampleId :
VD0503SBS01



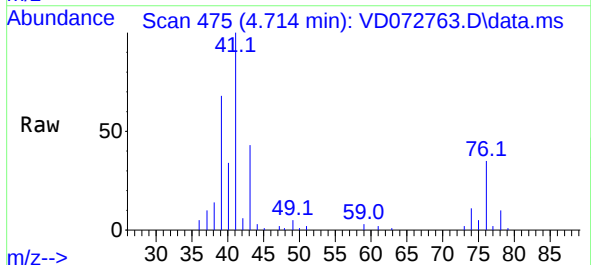
Tgt Ion: 76 Resp: 21714
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3

Manual Integrations
APPROVED

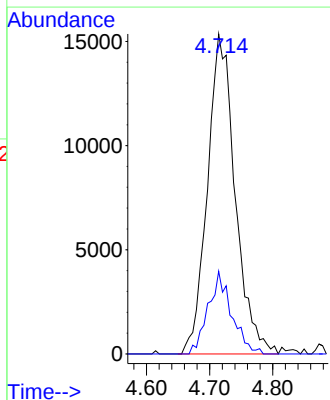
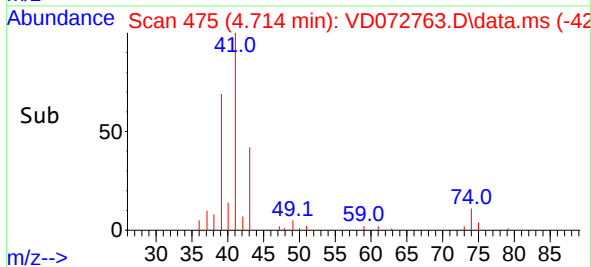
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

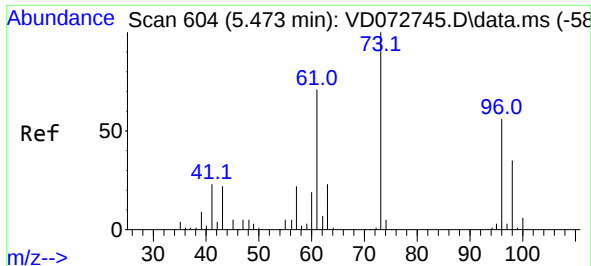


#18
Methyl Acetate
Concen: 24.246 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.001 min
Lab File: VD072763.D
Acq: 03 May 2022 12:35



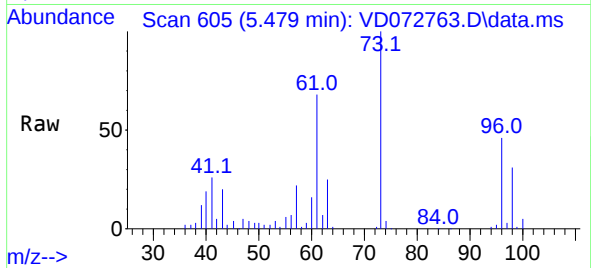
Tgt Ion: 43 Resp: 46847
Ion Ratio Lower Upper
43 100
74 21.8 16.7 25.1





#19
Methyl tert-butyl Ether
Concen: 21.873 ug/l
RT: 5.479 min Scan# 604
Delta R.T. 0.006 min
Lab File: VD072763.D
Acq: 03 May 2022 12:35

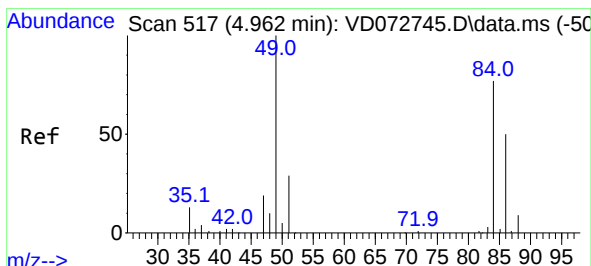
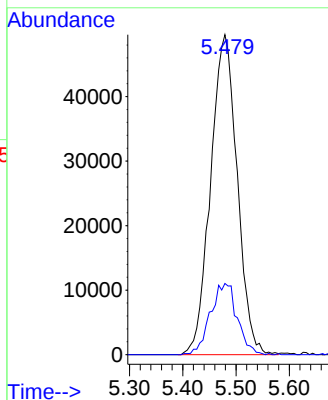
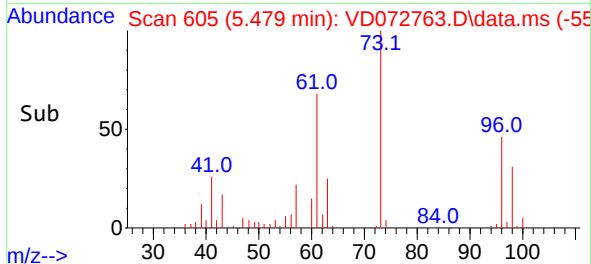
Instrument :
MSVOA_D
ClientSampleId :
VD0503SBS01



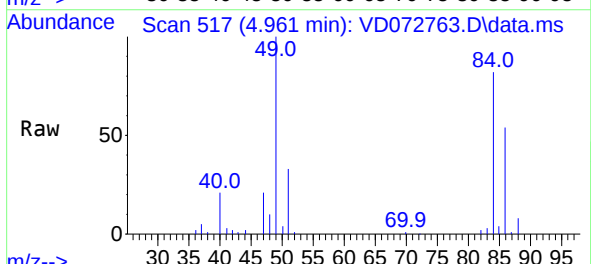
Tgt Ion: 73 Resp: 172059
Ion Ratio Lower Upper
73 100
57 22.3 18.0 27.0

Manual Integrations
APPROVED

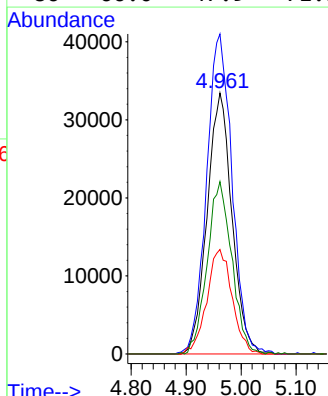
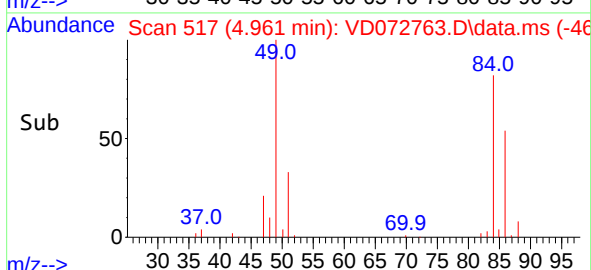
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

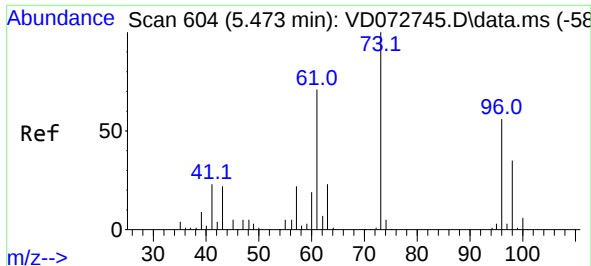


#20
Methylene Chloride
Concen: 21.236 ug/l
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD072763.D
Acq: 03 May 2022 12:35



Tgt Ion: 84 Resp: 105018
Ion Ratio Lower Upper
84 100
49 122.6 112.8 169.2
51 40.1 32.6 48.8
86 66.0 47.9 71.9





#21

trans-1,2-Dichloroethene

Concen: 21.887 ug/l

RT: 5.461 min Scan# 604

Delta R.T. -0.012 min

Lab File: VD072763.D

Acq: 03 May 2022 12:35

Instrument :

MSVOA_D

ClientSampleId :

VD0503SBS01

Tgt Ion: 96 Resp: 82364

Ion Ratio Lower Upper

96 100

61 125.6 117.9 176.9

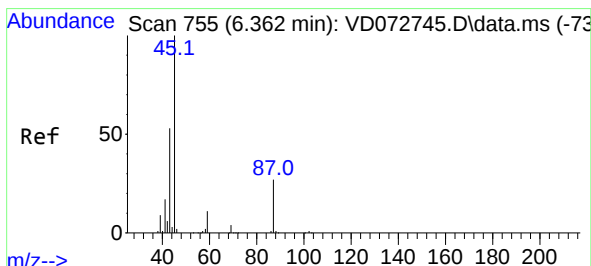
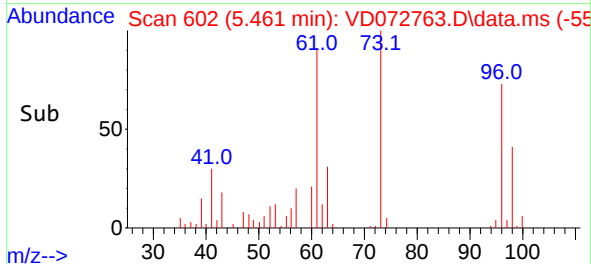
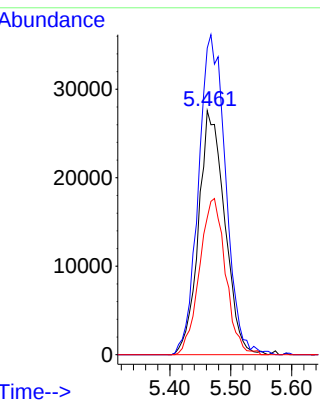
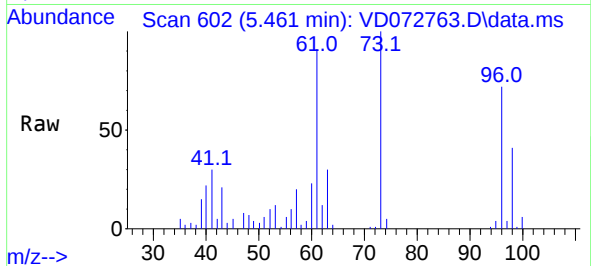
98 56.1 49.4 74.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/04/2022

Supervised By :Mahesh Dadoda 05/04/2022



#22

Diisopropyl ether

Concen: 22.748 ug/l

RT: 6.361 min Scan# 755

Delta R.T. -0.001 min

Lab File: VD072763.D

Acq: 03 May 2022 12:35

Tgt Ion: 45 Resp: 265088

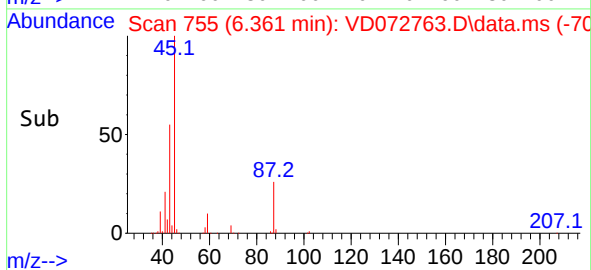
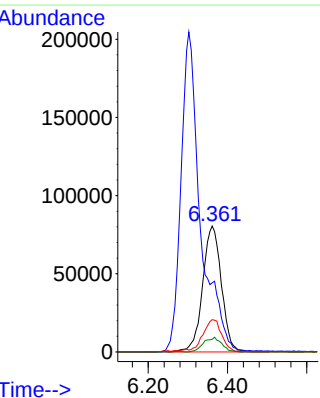
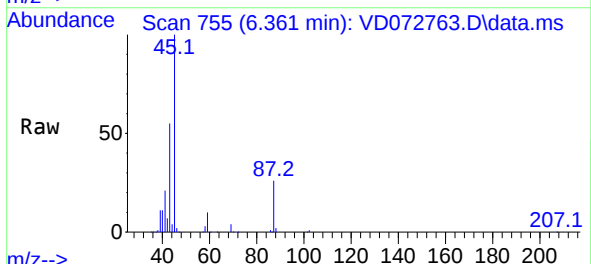
Ion Ratio Lower Upper

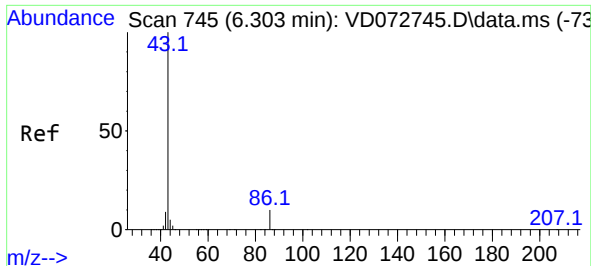
45 100

43 54.0 46.6 70.0

87 25.7 18.4 27.6

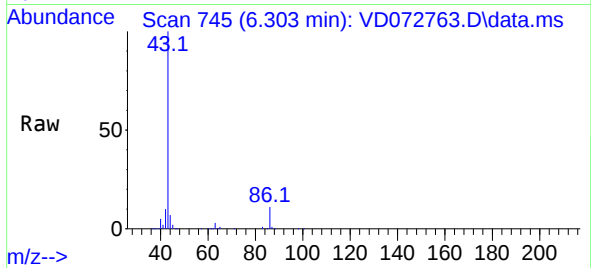
59 10.1 8.6 13.0





#23
 Vinyl Acetate
 Concen: 108.696 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD072763.D
 Acq: 03 May 2022 12:35

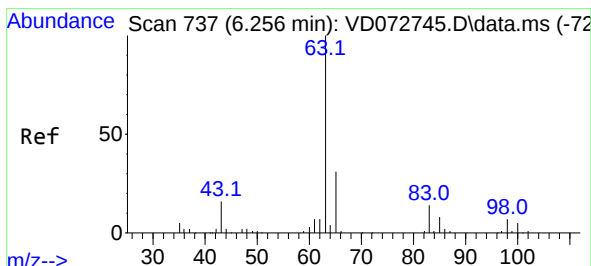
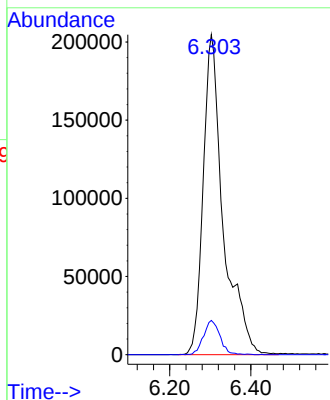
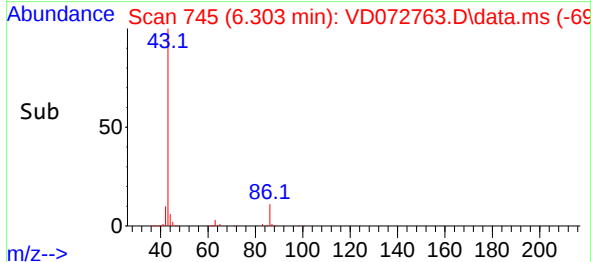
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0503SBS01



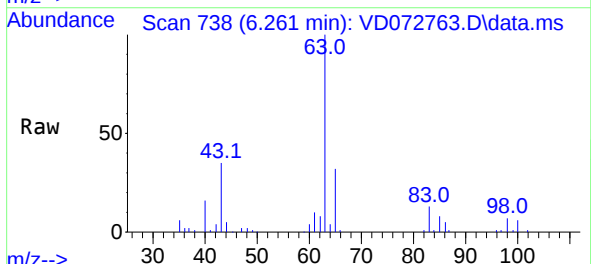
Tgt Ion: 43 Resp: 699732
 Ion Ratio Lower Upper
 43 100
 86 10.7 7.1 10.7

Manual Integrations
 APPROVED

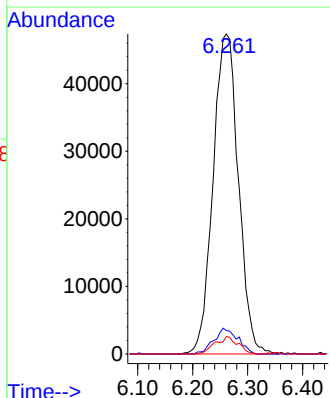
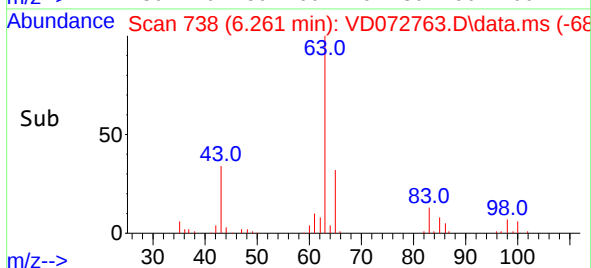
Reviewed By :John Carlone 05/04/2022
 Supervised By :Mahesh Dadoda 05/04/2022

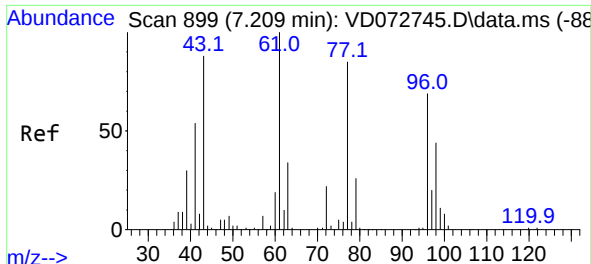


#24
 1,1-Dichloroethane
 Concen: 21.652 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. 0.005 min
 Lab File: VD072763.D
 Acq: 03 May 2022 12:35



Tgt Ion: 63 Resp: 151592
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.9
 100 5.5 2.1 6.5





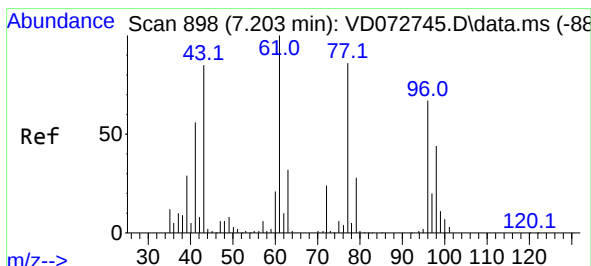
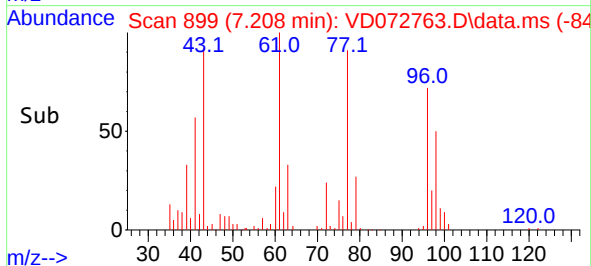
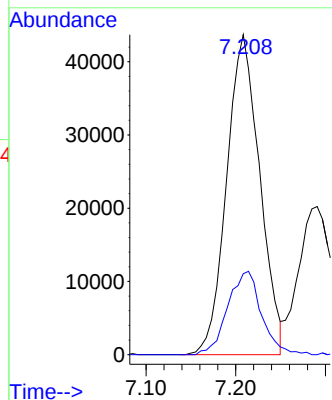
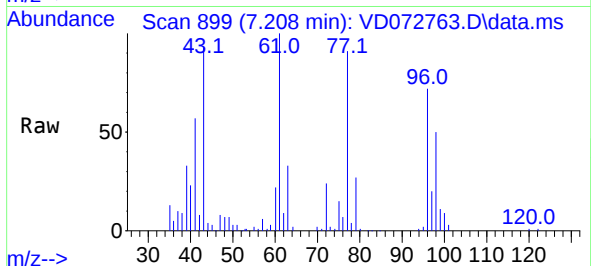
#25
2-Butanone
Concen: 108.877 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.001 min
Lab File: VD072763.D
Acq: 03 May 2022 12:35

Instrument :
MSVOA_D
ClientSampleId :
VD0503SBS01

Tgt Ion: 43 Resp: 11205
Ion Ratio Lower Upper
43 100
72 25.3 18.6 27.8

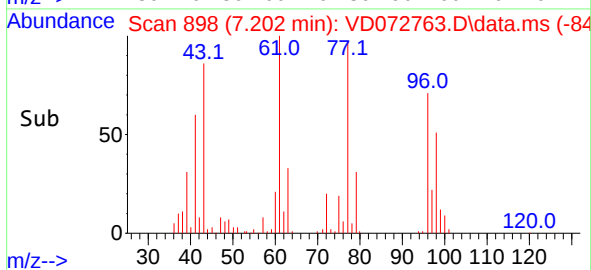
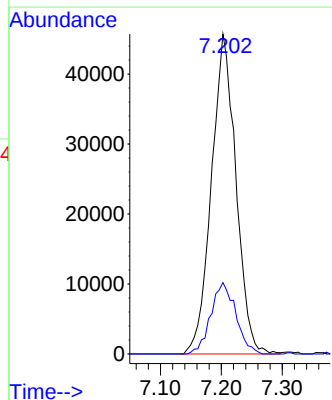
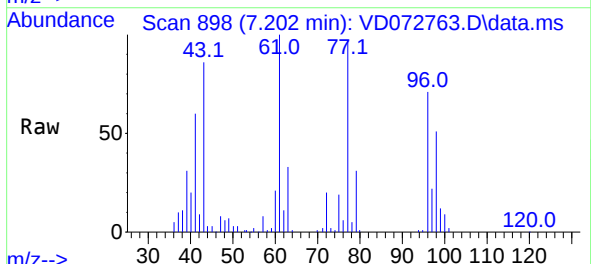
Manual Integrations
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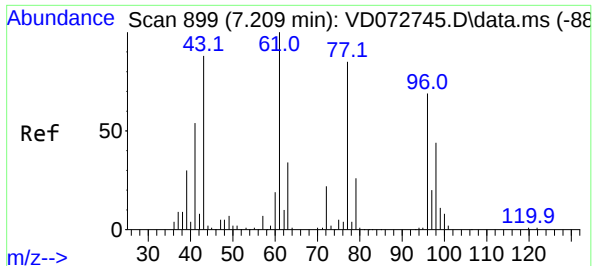
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022



#26
2,2-Dichloropropane
Concen: 21.594 ug/l
RT: 7.202 min Scan# 898
Delta R.T. -0.001 min
Lab File: VD072763.D
Acq: 03 May 2022 12:35

Tgt Ion: 77 Resp: 127812
Ion Ratio Lower Upper
77 100
97 22.8 10.8 32.4





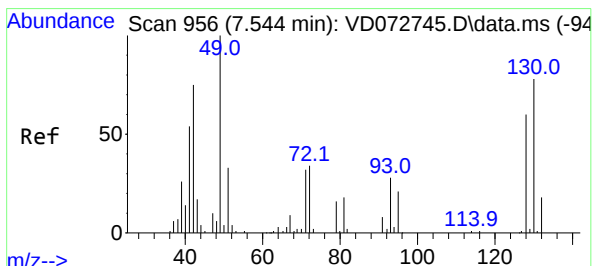
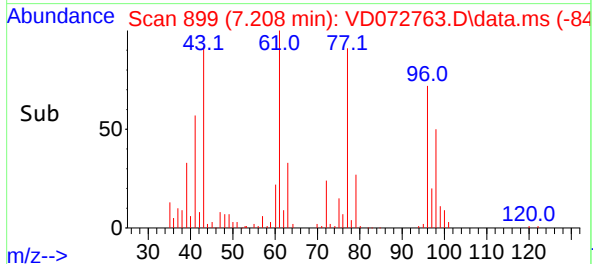
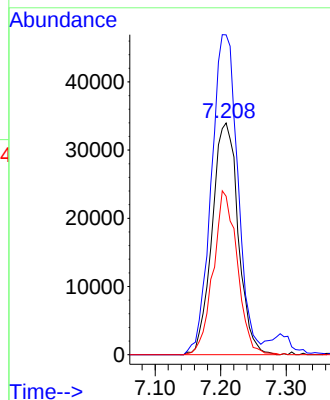
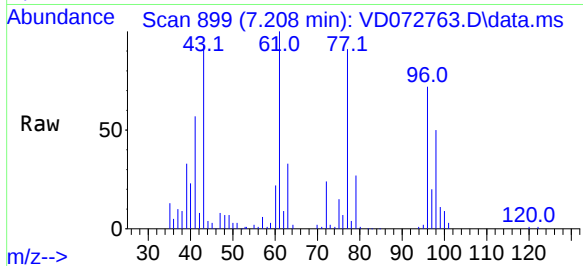
#27
cis-1,2-Dichloroethene
Concen: 21.737 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.001 min
Lab File: VD072763.D
Acq: 03 May 2022 12:35

Instrument :
MSVOA_D
ClientSampleId :
VD0503SBS01

Tgt Ion: 96 Resp: 93688
Ion Ratio Lower Upper
96 100
61 140.3 0.0 313.8
98 65.3 0.0 128.8

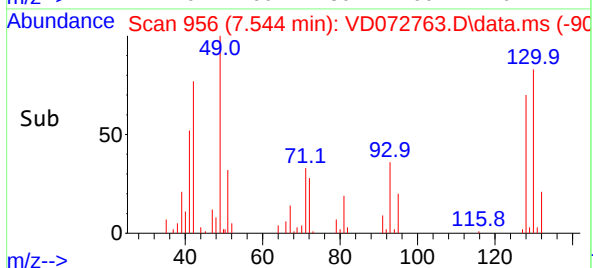
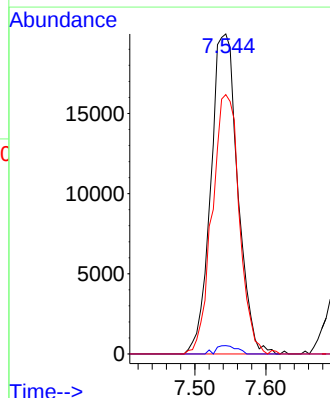
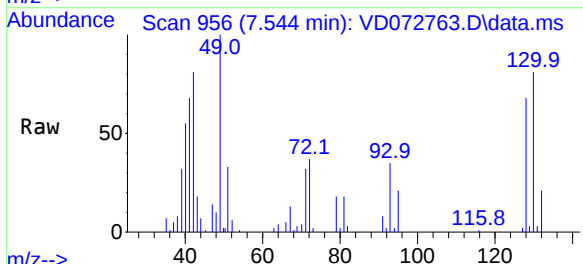
Manual Integrations
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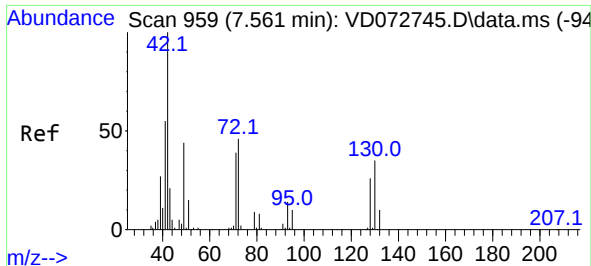
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022



#28
Bromochloromethane
Concen: 20.166 ug/l
RT: 7.544 min Scan# 956
Delta R.T. -0.000 min
Lab File: VD072763.D
Acq: 03 May 2022 12:35

Tgt Ion: 49 Resp: 52651
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.0
130 81.2 52.6 79.0#





#29

Tetrahydrofuran

Concen: 107.046 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD072763.D

Acq: 03 May 2022 12:35

Instrument :

MSVOA_D

ClientSampleId :

VD0503SBS01

Tgt Ion: 42 Resp: 70224

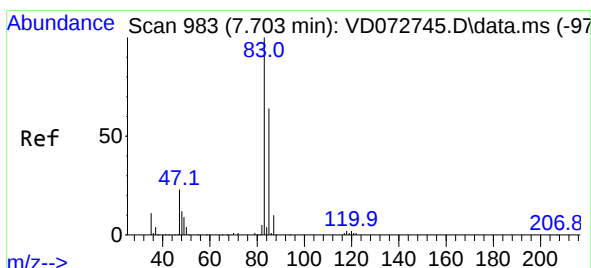
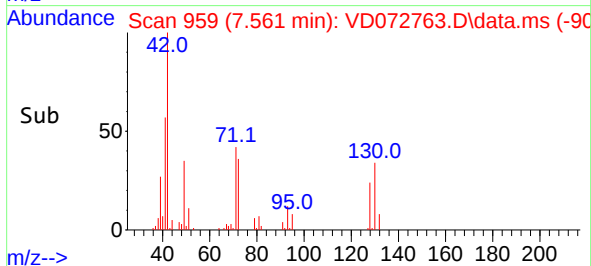
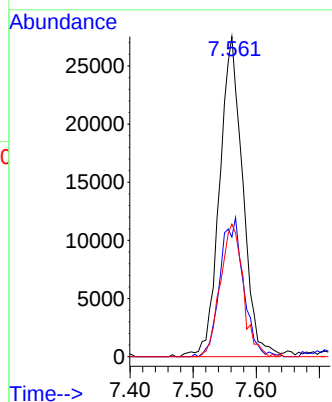
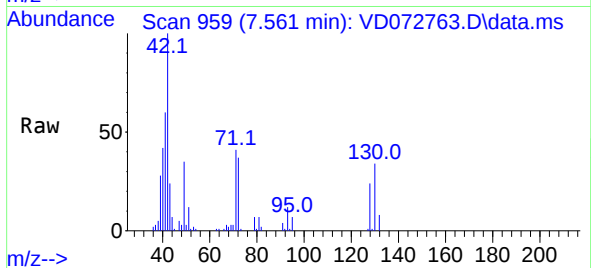
Ion	Ratio	Lower	Upper
42	100		
72	43.9	30.7	46.1
71	40.8	28.6	43.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/04/2022

Supervised By :Mahesh Dadoda 05/04/2022



#30

Chloroform

Concen: 22.298 ug/l

RT: 7.708 min Scan# 984

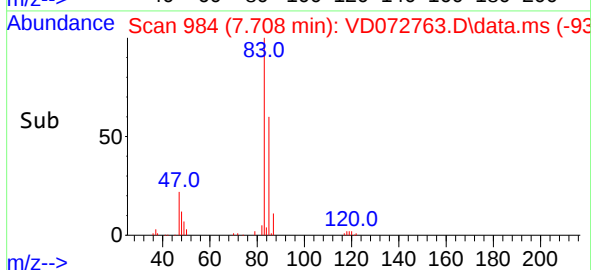
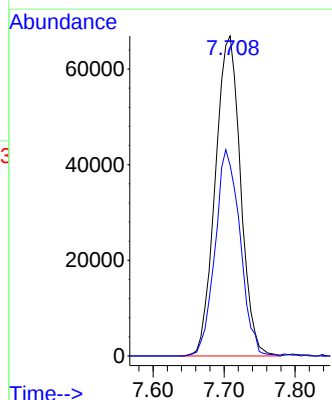
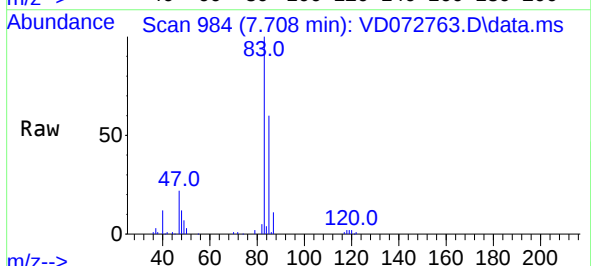
Delta R.T. 0.005 min

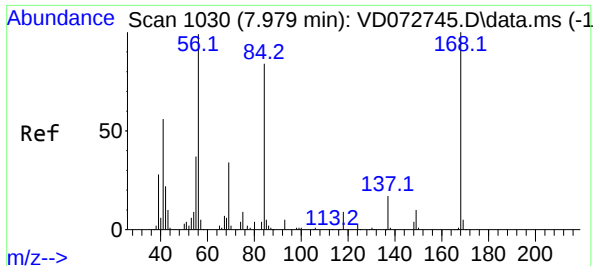
Lab File: VD072763.D

Acq: 03 May 2022 12:35

Tgt Ion: 83 Resp: 165187

Ion	Ratio	Lower	Upper
83	100		
85	59.6	52.7	79.1





#31

Cyclohexane

Concen: 21.541 ug/l

RT: 7.985 min Scan# 1030

Delta R.T. 0.006 min

Lab File: VD072763.D

Acq: 03 May 2022 12:35

Instrument :

MSVOA_D

ClientSampleId :

VD0503SBS01

Tgt Ion: 56 Resp: 133010

Ion Ratio Lower Upper

56 100

69 34.4 25.4 38.2

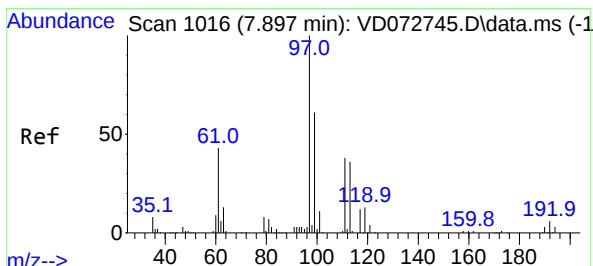
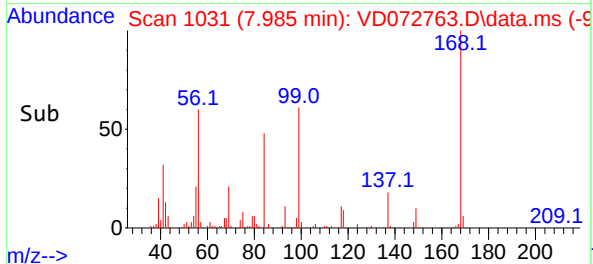
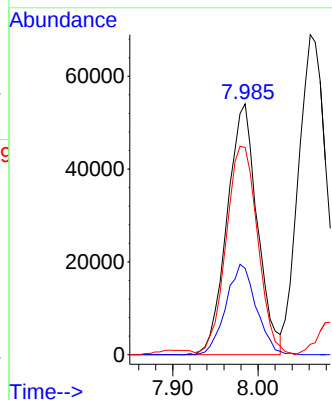
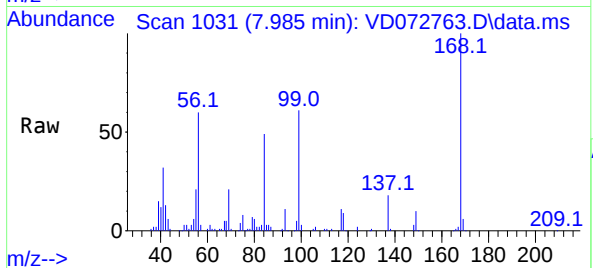
84 80.9 63.0 94.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/04/2022

Supervised By :Mahesh Dadoda 05/04/2022



#32

1,1,1-Trichloroethane

Concen: 22.073 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. -0.000 min

Lab File: VD072763.D

Acq: 03 May 2022 12:35

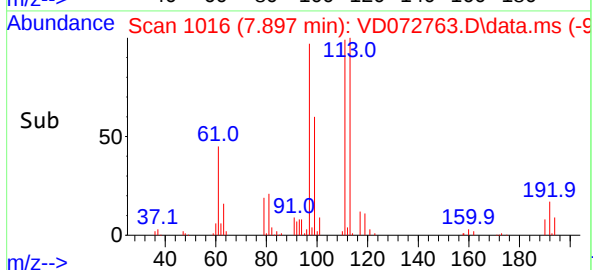
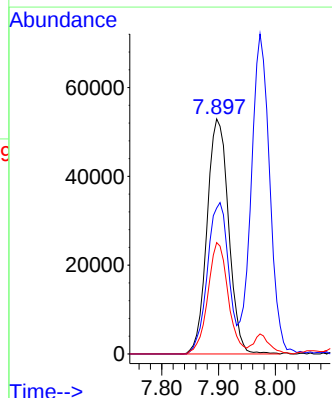
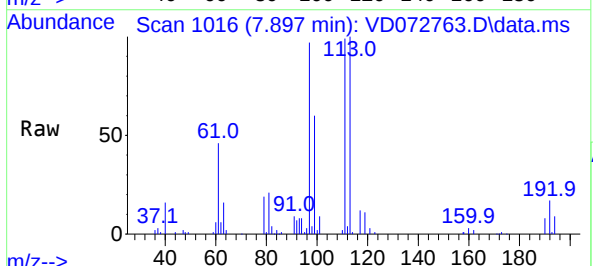
Tgt Ion: 97 Resp: 139366

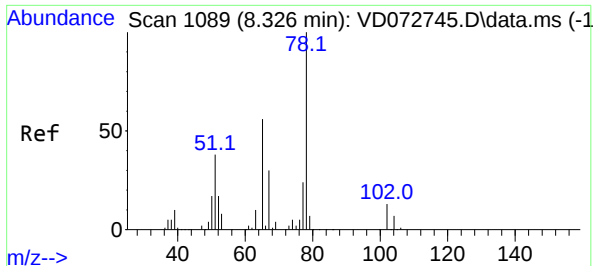
Ion Ratio Lower Upper

97 100

99 63.0 52.4 78.6

61 44.8 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 56.072 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072763.D

Acq: 03 May 2022 12:35

Instrument :

MSVOA_D

ClientSampleId :

VD0503SBS01

Tgt Ion: 65 Resp: 19806

Ion Ratio Lower Upper

65 100

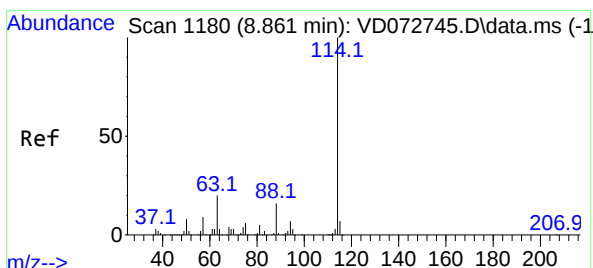
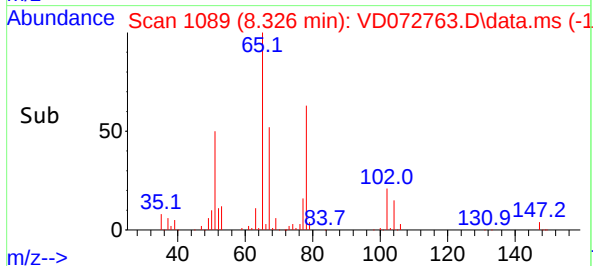
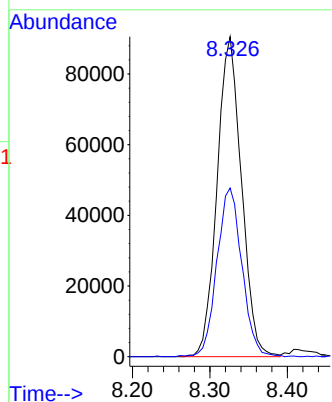
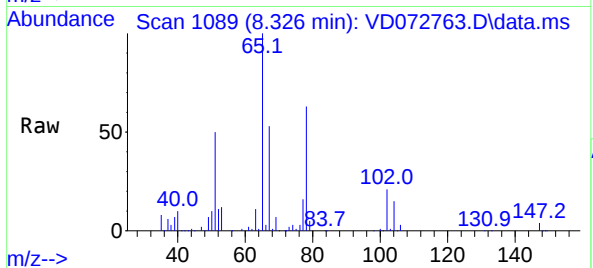
67 54.1 0.0 101.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/04/2022

Supervised By :Mahesh Dadoda 05/04/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072763.D

Acq: 03 May 2022 12:35

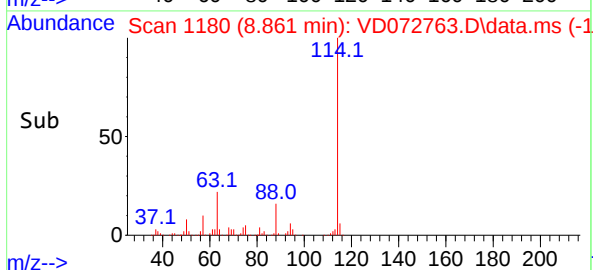
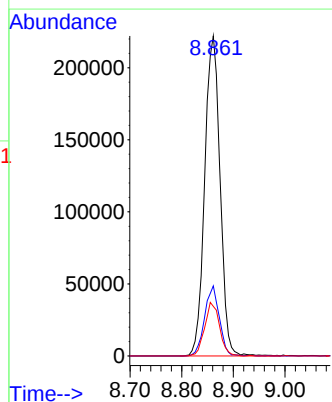
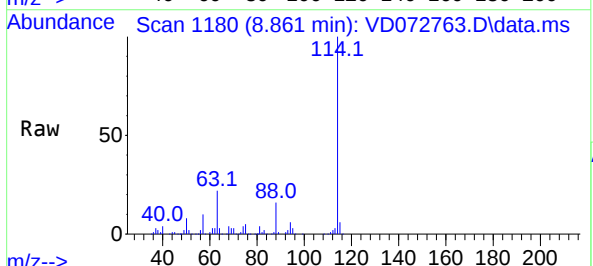
Tgt Ion:114 Resp: 458924

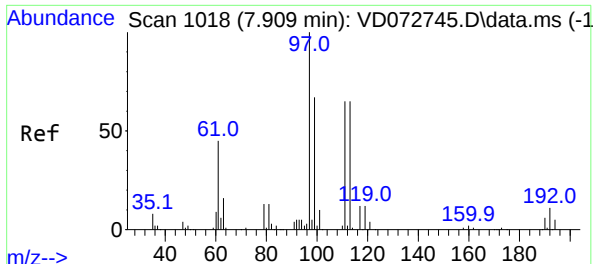
Ion Ratio Lower Upper

114 100

63 21.9 0.0 46.6

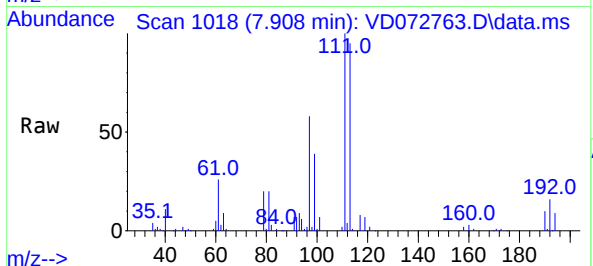
88 15.5 0.0 33.2





#35
Dibromofluoromethane
Concen: 57.105 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.001 min
Lab File: VD072763.D
Acq: 03 May 2022 12:35

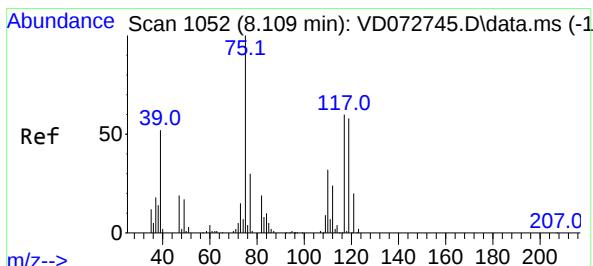
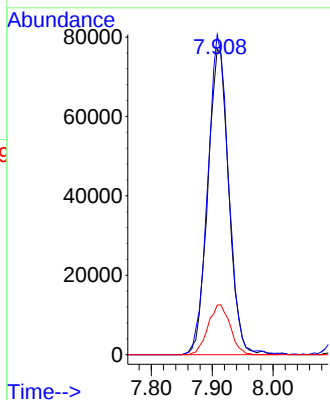
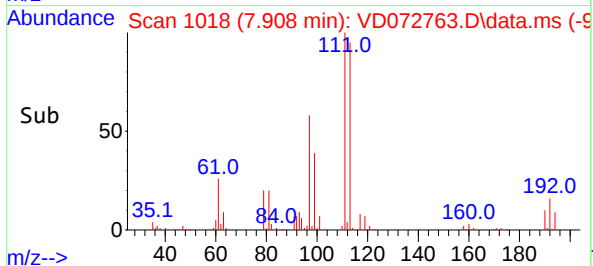
Instrument :
MSVOA_D
ClientSampleId :
VD0503SBS01



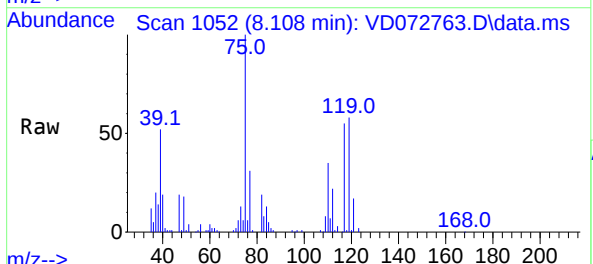
Tgt Ion: 113 Resp: 184054
Ion Ratio Lower Upper
113 100
111 103.9 83.8 125.6
192 17.3 14.6 21.8

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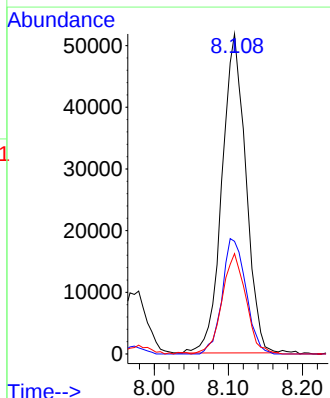
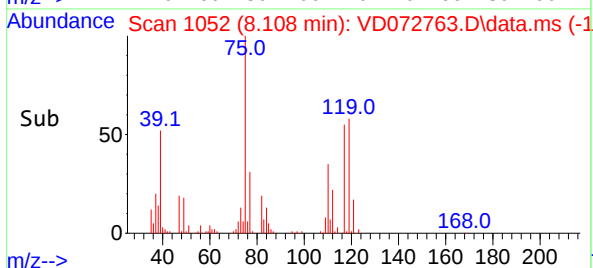
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

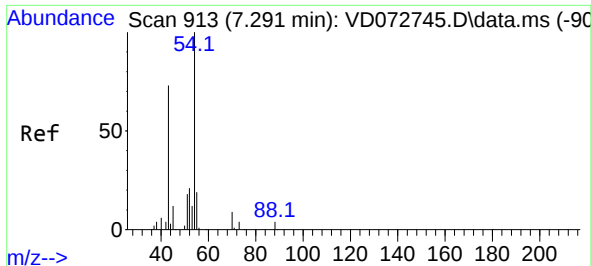


#36
1,1-Dichloropropene
Concen: 22.030 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. -0.001 min
Lab File: VD072763.D
Acq: 03 May 2022 12:35



Tgt Ion: 75 Resp: 115453
Ion Ratio Lower Upper
75 100
110 36.1 16.4 49.1
77 31.5 24.2 36.2





#37

Ethyl Acetate

Concen: 23.450 ug/l

RT: 7.291 min Scan# 913

Delta R.T. -0.000 min

Lab File: VD072763.D

Acq: 03 May 2022 12:35

Instrument :

MSVOA_D

ClientSampleId :

VD0503SBS01

Tgt Ion: 43 Resp: 5649

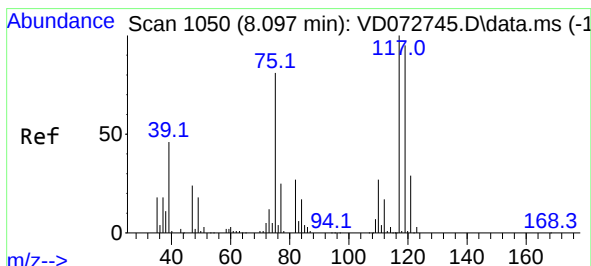
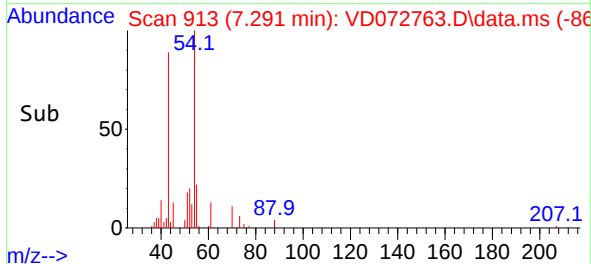
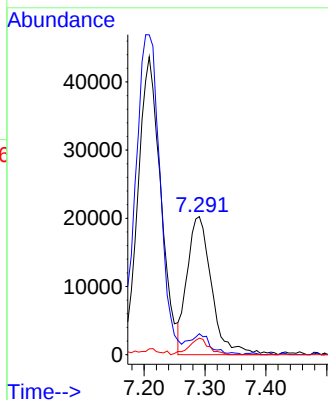
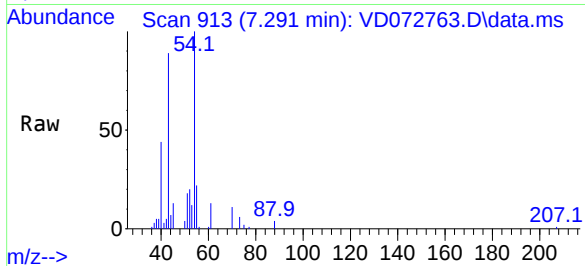
Ion	Ratio	Lower	Upper
43	100		
61	10.6	9.8	14.8
70	9.5	6.9	10.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/04/2022

Supervised By :Mahesh Dadoda 05/04/2022



#38

Carbon Tetrachloride

Concen: 22.438 ug/l

RT: 8.091 min Scan# 1049

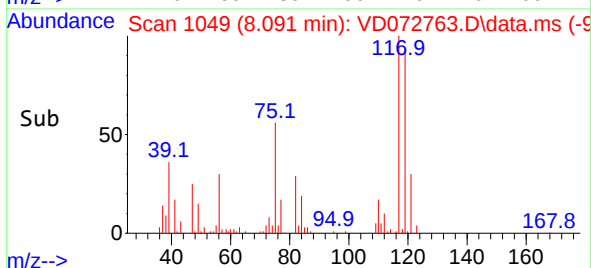
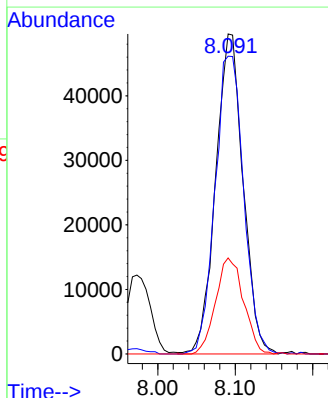
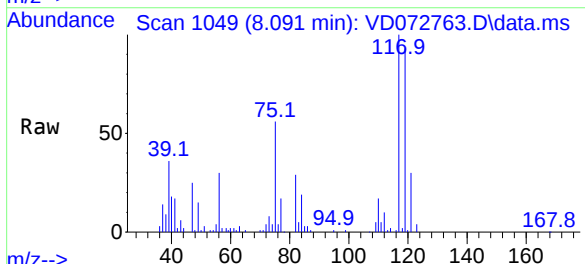
Delta R.T. -0.006 min

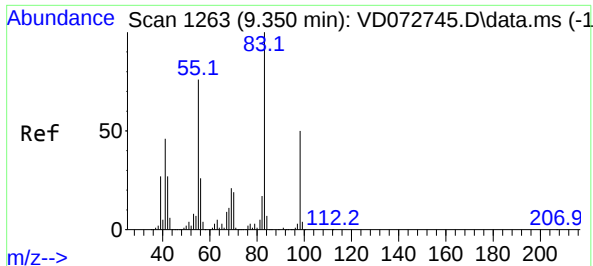
Lab File: VD072763.D

Acq: 03 May 2022 12:35

Tgt Ion:117 Resp: 122070

Ion	Ratio	Lower	Upper
117	100		
119	93.0	75.8	113.6
121	30.0	24.5	36.7





#39

Methylcyclohexane

Concen: 21.191 ug/l

RT: 9.349 min Scan# 11

Delta R.T. -0.001 min

Lab File: VD072763.D

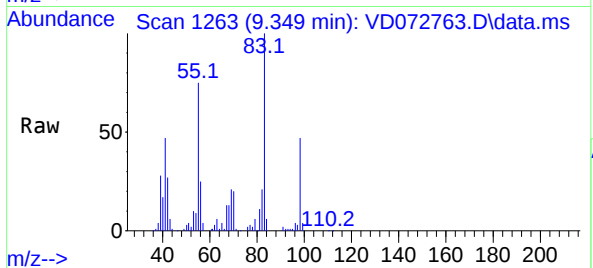
Acq: 03 May 2022 12:35

Instrument :

MSVOA_D

ClientSampleId :

VD0503SBS01



Tgt Ion: 83 Resp: 128820

Ion Ratio Lower Upper

83 100

55 75.3 63.2 94.8

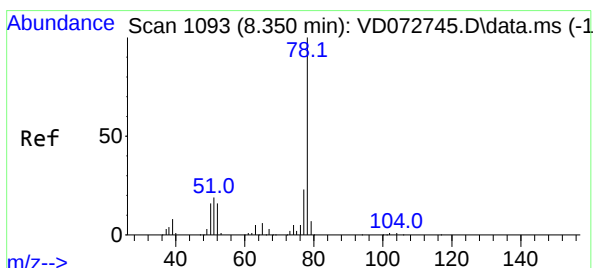
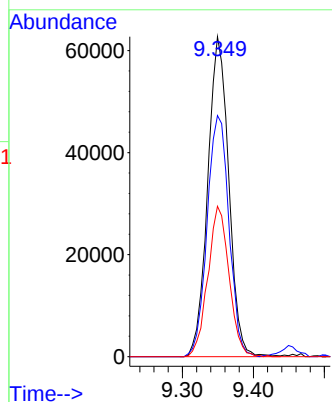
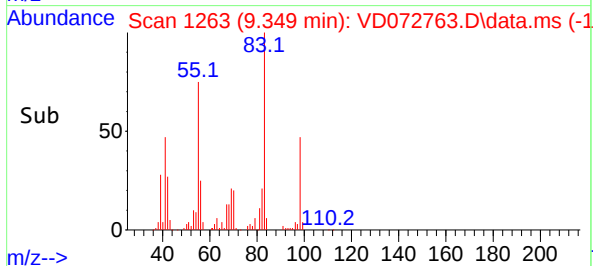
98 47.0 38.2 57.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/04/2022

Supervised By :Mahesh Dadoda 05/04/2022



#40

Benzene

Concen: 22.181 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.006 min

Lab File: VD072763.D

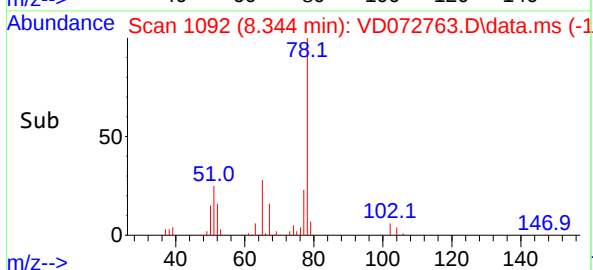
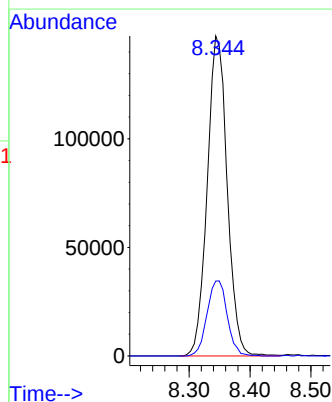
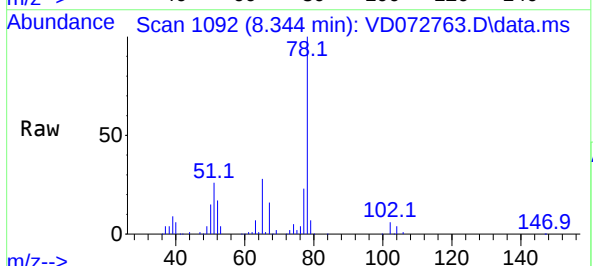
Acq: 03 May 2022 12:35

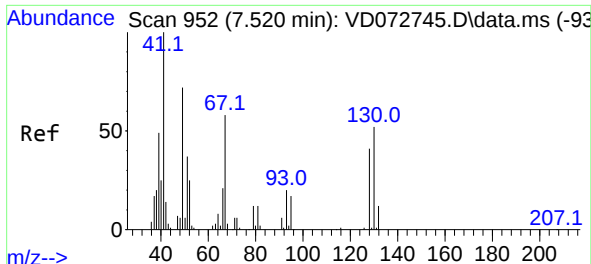
Tgt Ion: 78 Resp: 335700

Ion Ratio Lower Upper

78 100

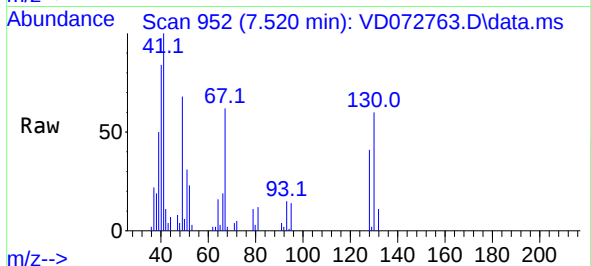
77 23.4 19.1 28.7





#41
Methacrylonitrile
Concen: 18.151 ug/l
RT: 7.520 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD072763.D
Acq: 03 May 2022 12:35

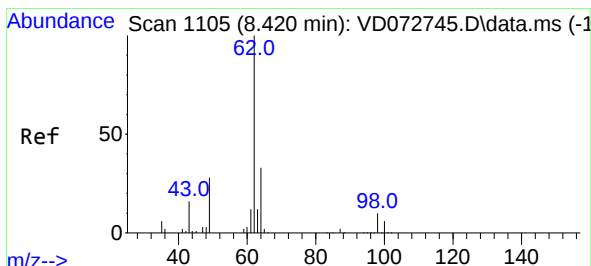
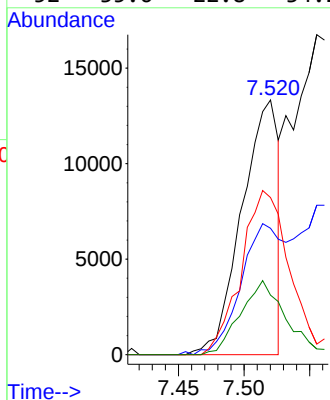
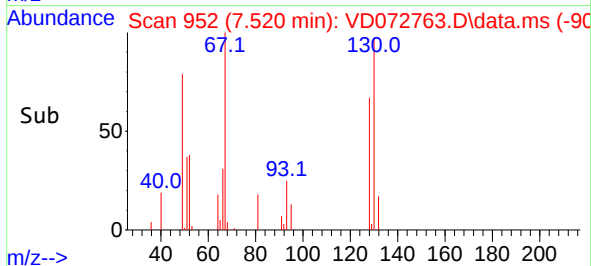
Instrument :
MSVOA_D
ClientSampleId :
VD0503SBS01



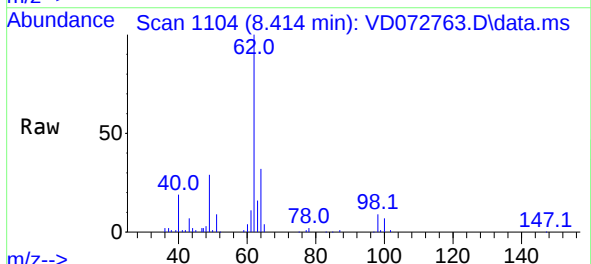
Tgt Ion: 41 Resp: 26038
Ion Ratio Lower Upper
41 100
39 60.7 44.6 67.0
67 85.4 48.2 72.4
52 35.6 22.8 34.2

Manual Integrations
APPROVED

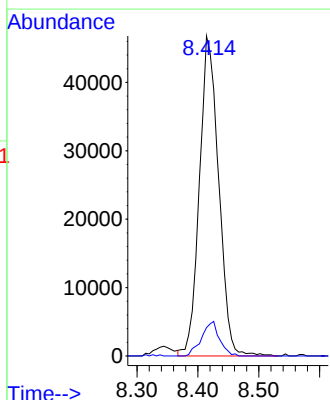
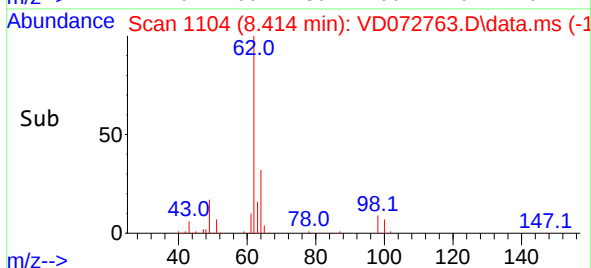
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

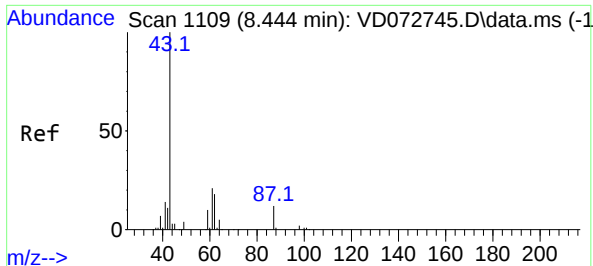


#42
1,2-Dichloroethane
Concen: 22.575 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VD072763.D
Acq: 03 May 2022 12:35



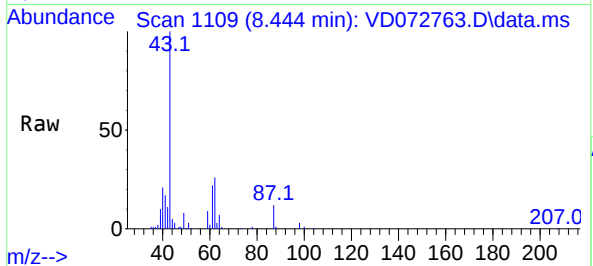
Tgt Ion: 62 Resp: 102961
Ion Ratio Lower Upper
62 100
98 10.0 0.0 17.6





#43
Isopropyl Acetate
Concen: 22.214 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VD072763.D
Acq: 03 May 2022 12:35

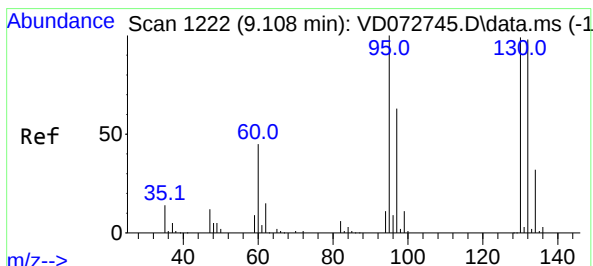
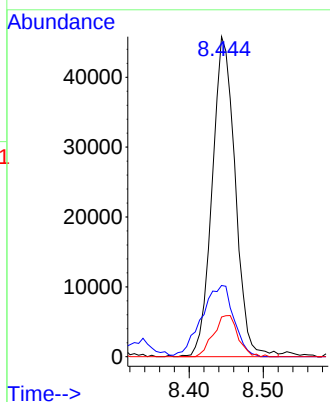
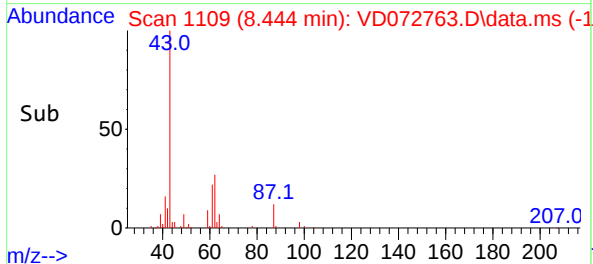
Instrument :
MSVOA_D
ClientSampleId :
VD0503SBS01



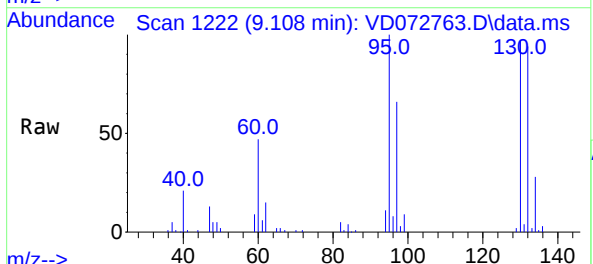
Tgt Ion: 43 Resp: 98778
Ion Ratio Lower Upper
43 100
61 31.1 22.4 33.6
87 13.7 8.7 13.1

Manual Integrations
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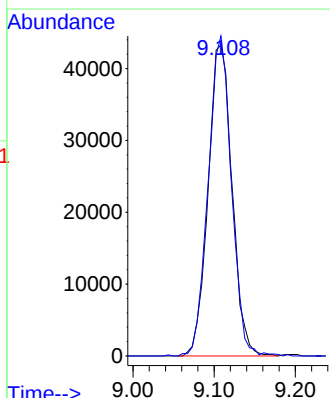
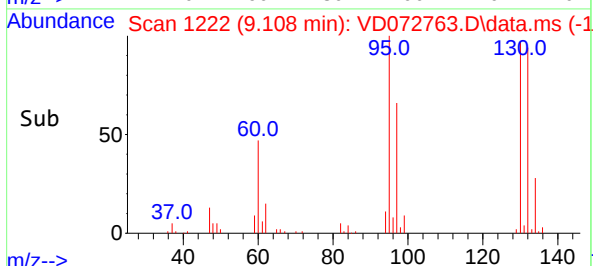
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

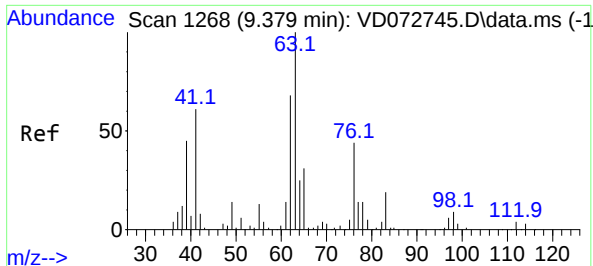


#44
Trichloroethene
Concen: 21.904 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD072763.D
Acq: 03 May 2022 12:35



Tgt Ion:130 Resp: 88690
Ion Ratio Lower Upper
130 100
95 102.8 0.0 205.4





#45

1,2-Dichloropropane

Concen: 22.209 ug/l

RT: 9.385 min Scan# 1269

Delta R.T. 0.006 min

Lab File: VD072763.D

Acq: 03 May 2022 12:35

Instrument :

MSVOA_D

ClientSampleId :

VD0503SBS01

Tgt Ion: 63 Resp: 8827

Ion Ratio Lower Upper

63 100

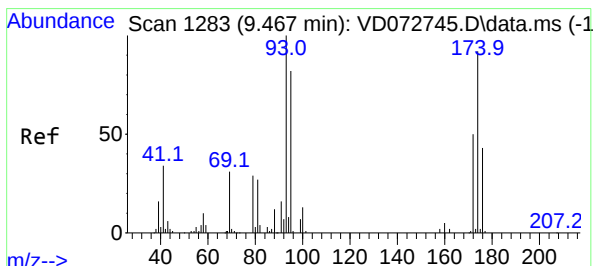
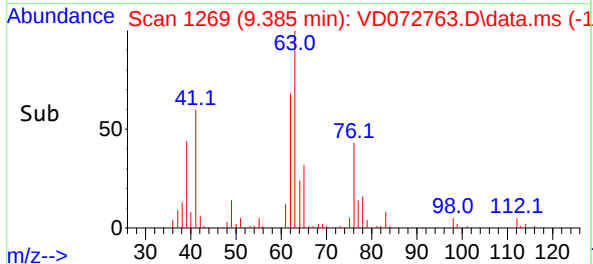
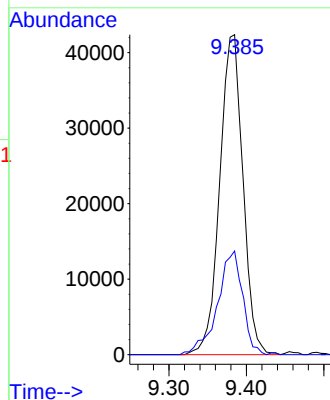
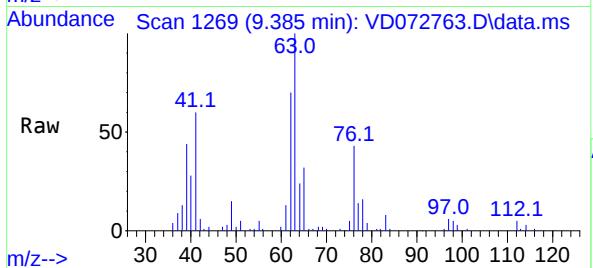
65 32.4 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/04/2022

Supervised By :Mahesh Dadoda 05/04/2022



#46

Dibromomethane

Concen: 22.969 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD072763.D

Acq: 03 May 2022 12:35

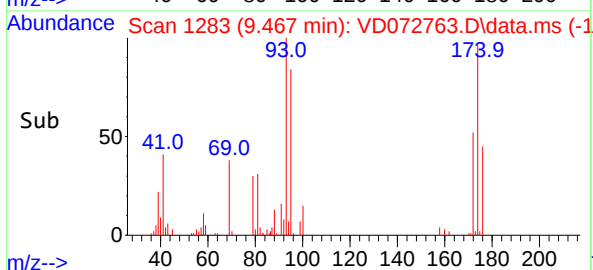
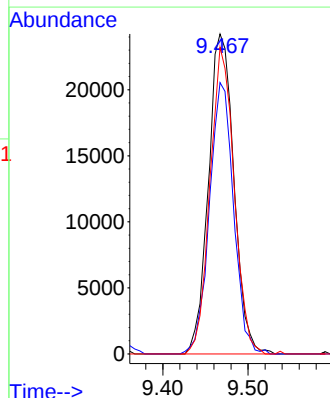
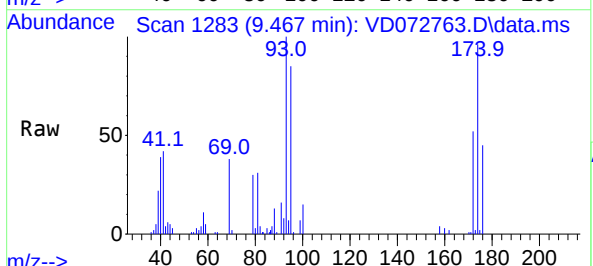
Tgt Ion: 93 Resp: 50359

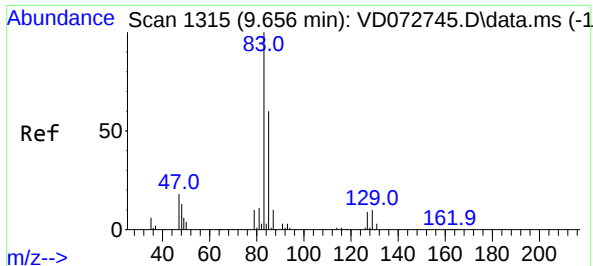
Ion Ratio Lower Upper

93 100

95 80.4 66.7 100.1

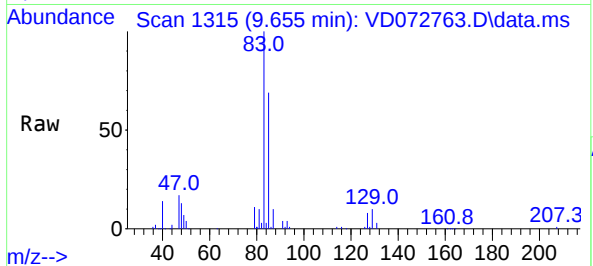
174 90.5 71.6 107.4





#47
Bromodichloromethane
Concen: 22.260 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. -0.001 min
Lab File: VD072763.D
Acq: 03 May 2022 12:35

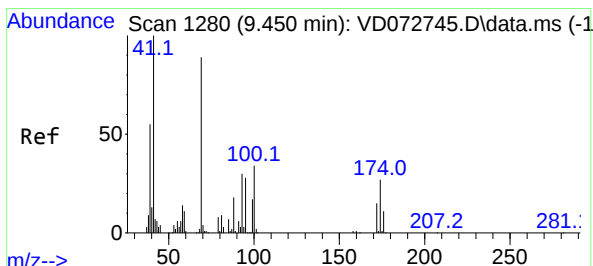
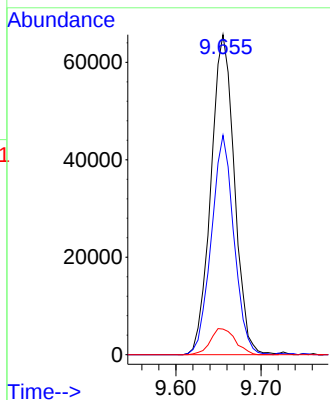
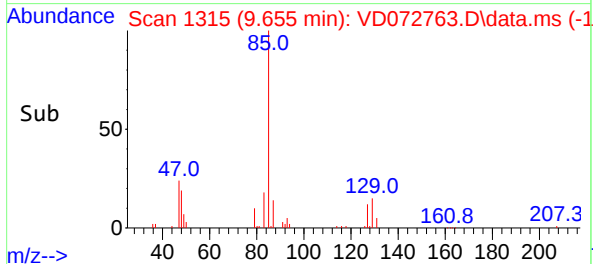
Instrument :
MSVOA_D
ClientSampleId :
VD0503SBS01



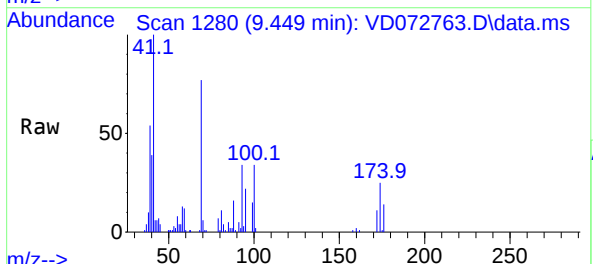
Tgt Ion: 83 Resp: 12555
Ion Ratio Lower Upper
83 100
85 68.6 51.4 77.0
127 8.0 6.1 9.1

Manual Integrations
APPROVED

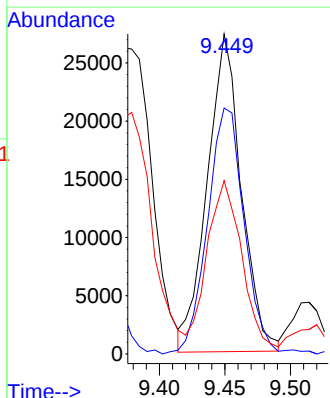
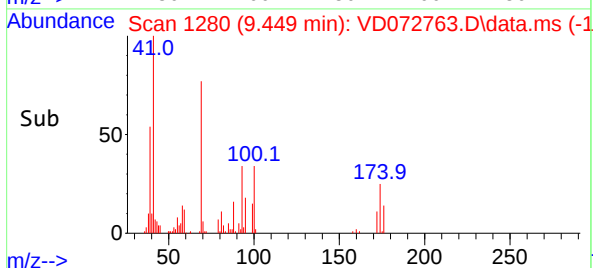
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

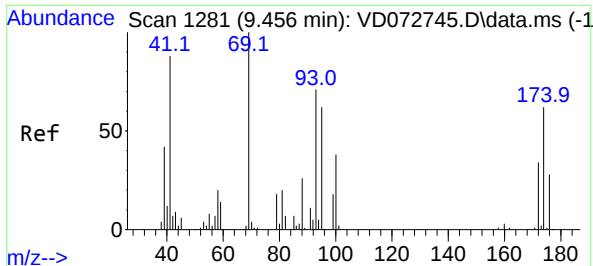


#48
Methyl methacrylate
Concen: 22.687 ug/l
RT: 9.449 min Scan# 1280
Delta R.T. -0.001 min
Lab File: VD072763.D
Acq: 03 May 2022 12:35



Tgt Ion: 41 Resp: 49353
Ion Ratio Lower Upper
41 100
69 83.7 56.7 85.1
39 56.9 42.7 64.1





#49

1,4-Dioxane

Concen: 426.663 ug/l

RT: 9.455 min Scan# 1281

Delta R.T. -0.001 min

Lab File: VD072763.D

Acq: 03 May 2022 12:35

Instrument :

MSVOA_D

ClientSampleId :

VD0503SBS01

Tgt Ion: 88 Resp: 10534

Ion Ratio Lower Upper

88 100

43 44.4 31.0 46.4

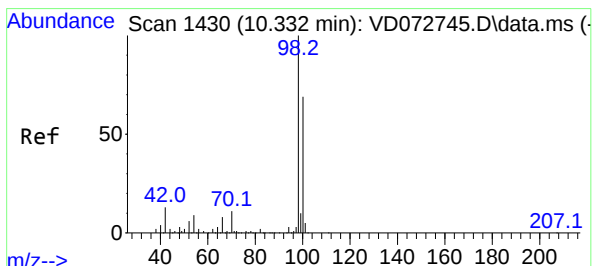
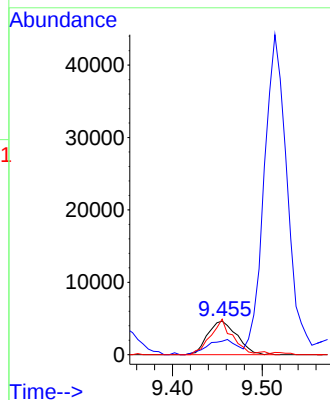
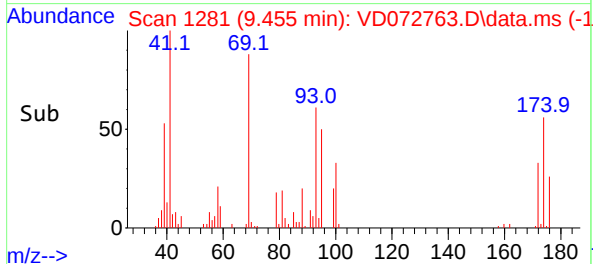
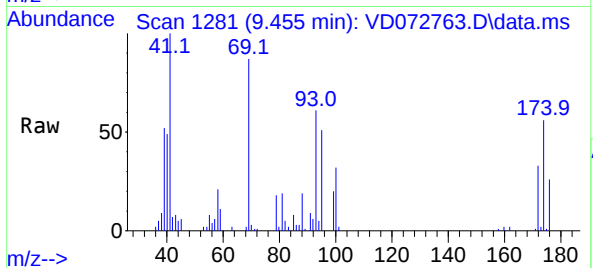
58 78.9 58.1 87.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/04/2022

Supervised By :Mahesh Dadoda 05/04/2022



#50

Toluene-d8

Concen: 57.150 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD072763.D

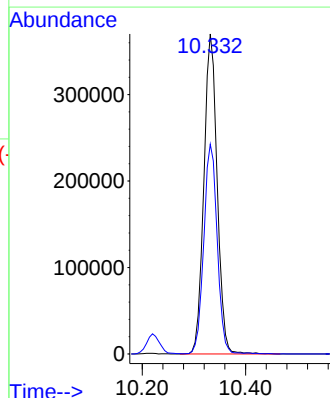
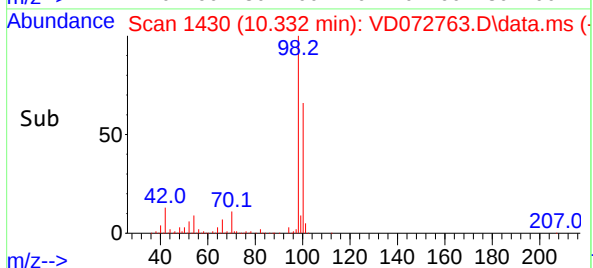
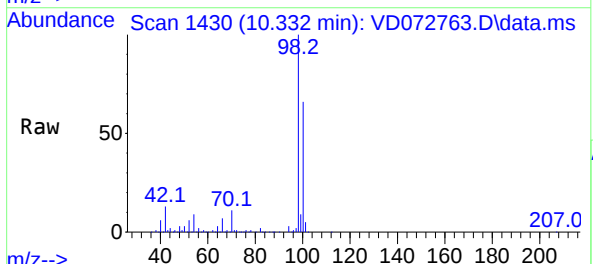
Acq: 03 May 2022 12:35

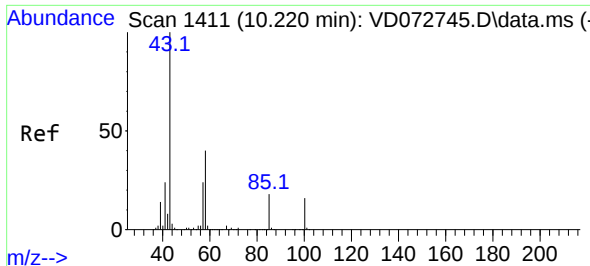
Tgt Ion: 98 Resp: 660740

Ion Ratio Lower Upper

98 100

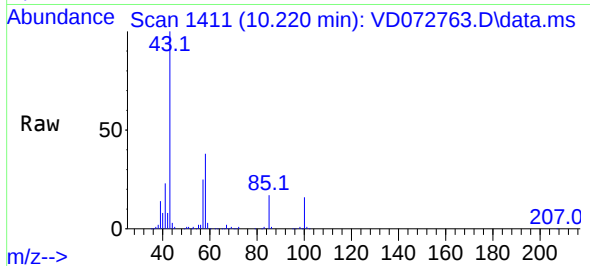
100 66.3 52.4 78.6





#51
4-Methyl-2-Pentanone
Concen: 116.251 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD072763.D
Acq: 03 May 2022 12:35

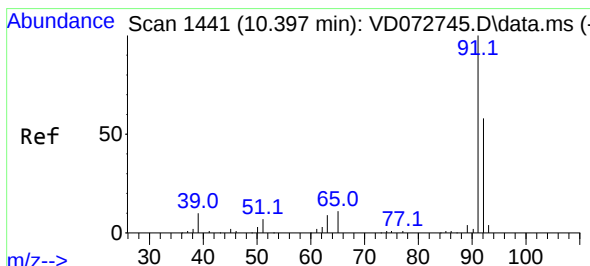
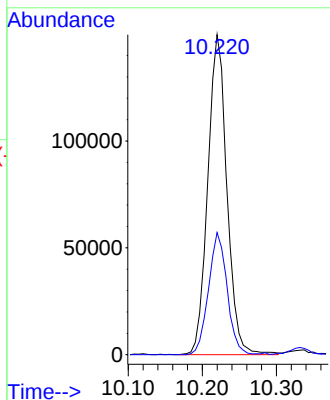
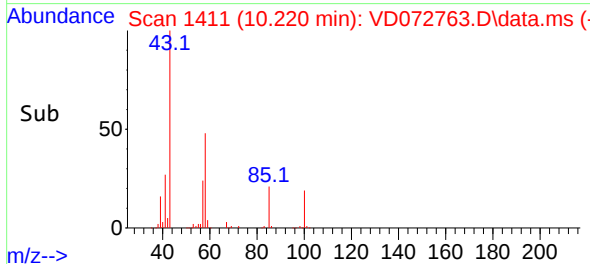
Instrument :
MSVOA_D
ClientSampleId :
VD0503SBS01



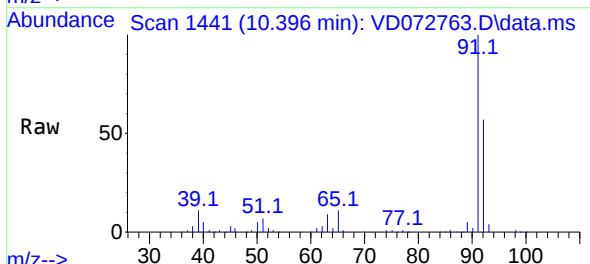
Tgt Ion: 43 Resp: 268619
Ion Ratio Lower Upper
43 100
58 37.1 28.6 43.0

Manual Integrations
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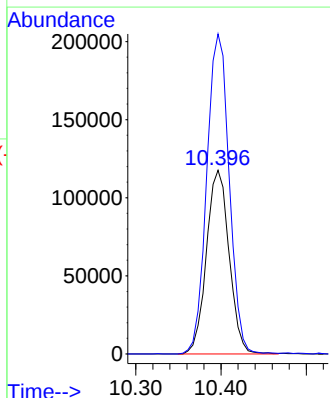
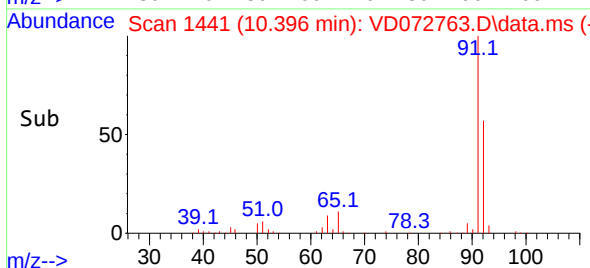
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

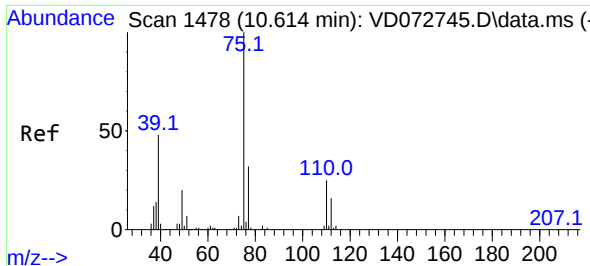


#52
Toluene
Concen: 23.025 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.001 min
Lab File: VD072763.D
Acq: 03 May 2022 12:35



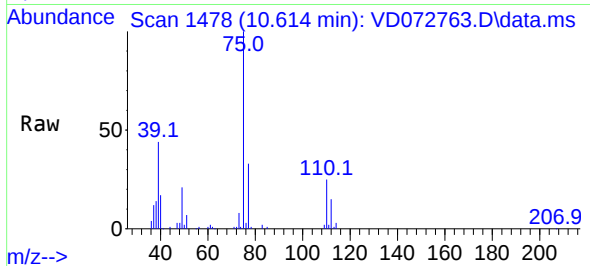
Tgt Ion: 92 Resp: 217376
Ion Ratio Lower Upper
92 100
91 172.4 139.6 209.4





#53
t-1,3-Dichloropropene
Concen: 22.732 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD072763.D
Acq: 03 May 2022 12:35

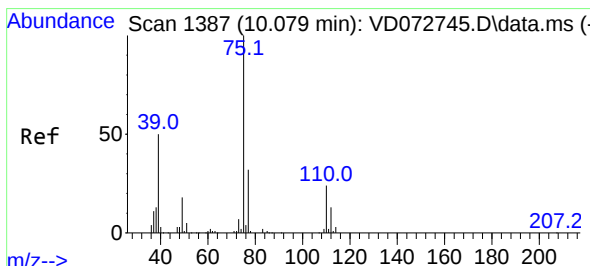
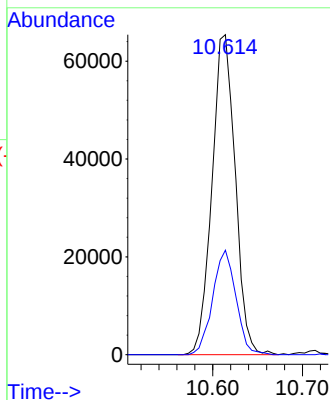
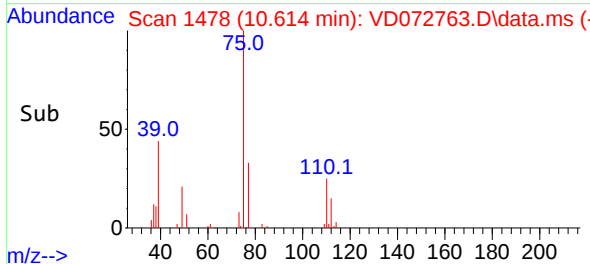
Instrument :
MSVOA_D
ClientSampleId :
VD0503SBS01



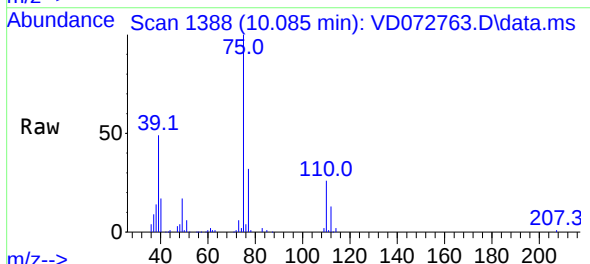
Tgt Ion: 75 Resp: 117769
Ion Ratio Lower Upper
75 100
77 32.6 24.5 36.7

Manual Integrations
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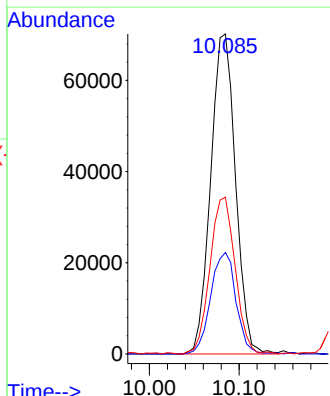
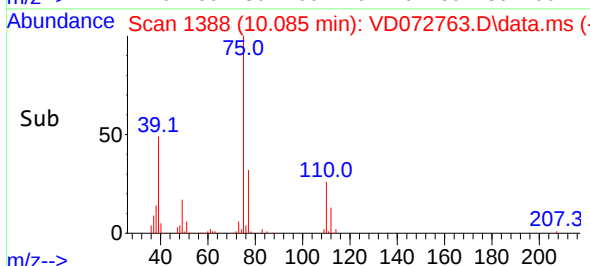
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

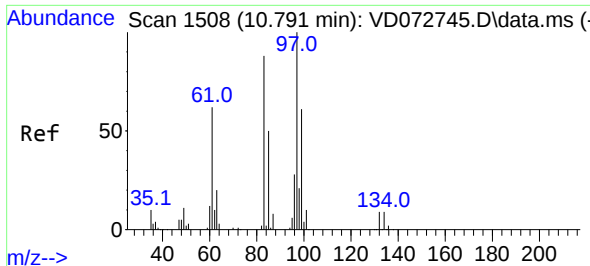


#54
cis-1,3-Dichloropropene
Concen: 22.419 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. 0.006 min
Lab File: VD072763.D
Acq: 03 May 2022 12:35



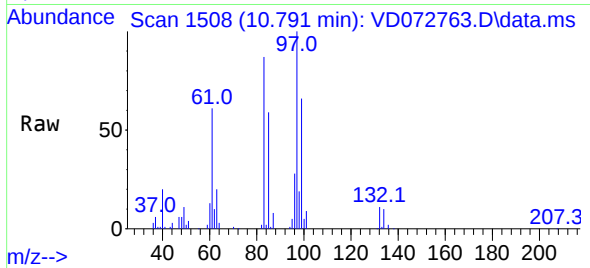
Tgt Ion: 75 Resp: 134938
Ion Ratio Lower Upper
75 100
77 31.7 24.8 37.2
39 49.0 46.8 70.2





#55
1,1,2-Trichloroethane
Concen: 23.150 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD072763.D
Acq: 03 May 2022 12:35

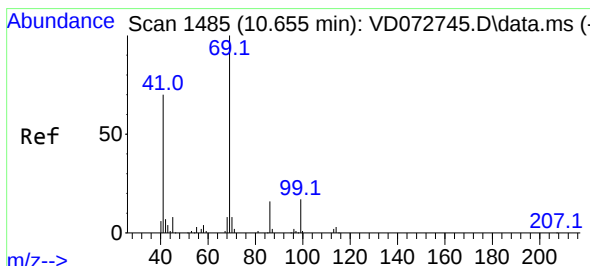
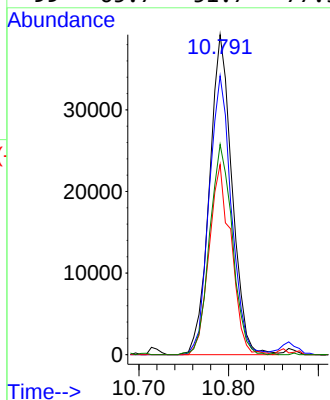
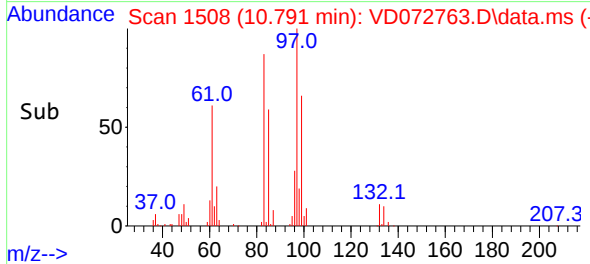
Instrument :
MSVOA_D
ClientSampleId :
VD0503SBS01



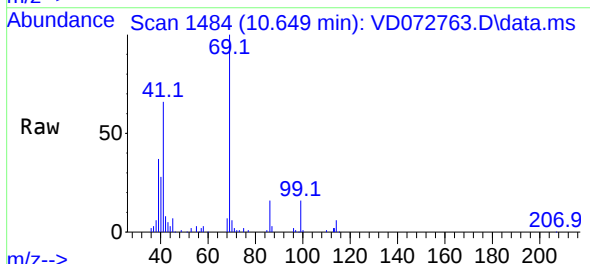
Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.2	69.0	103.4
85	59.5	42.6	63.8
99	65.7	51.7	77.5

Manual Integrations
APPROVED

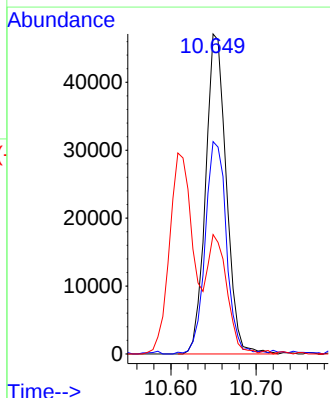
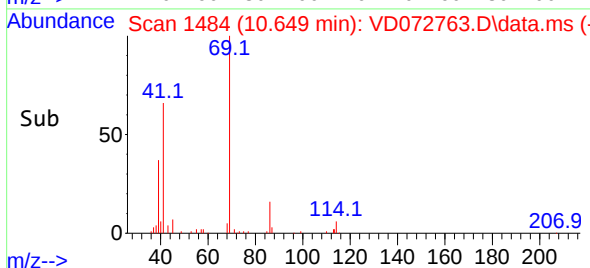
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

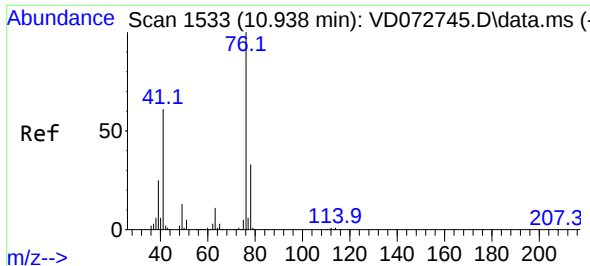


#56
Ethyl methacrylate
Concen: 22.784 ug/l
RT: 10.649 min Scan# 1484
Delta R.T. -0.006 min
Lab File: VD072763.D
Acq: 03 May 2022 12:35



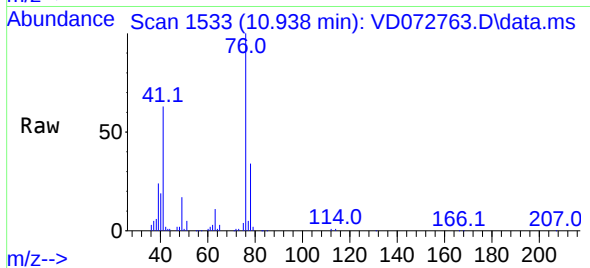
Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.3	63.0	94.6
39	33.8	33.8	50.8





#57
1,3-Dichloropropane
Concen: 22.621 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VD072763.D
Acq: 03 May 2022 12:35

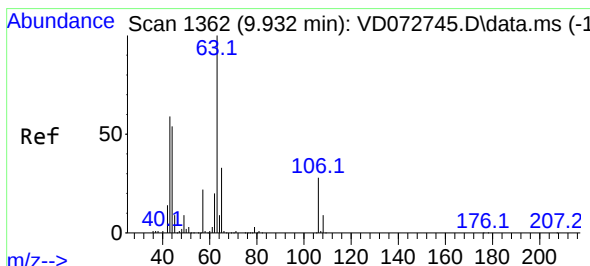
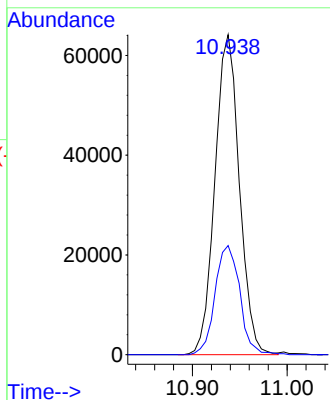
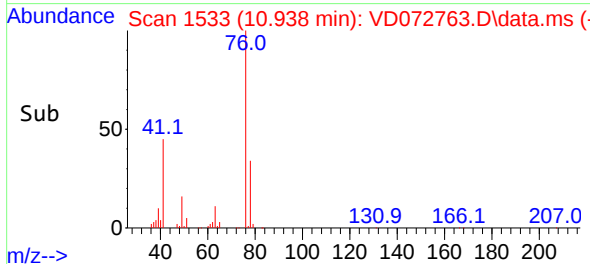
Instrument :
MSVOA_D
ClientSampleId :
VD0503SBS01



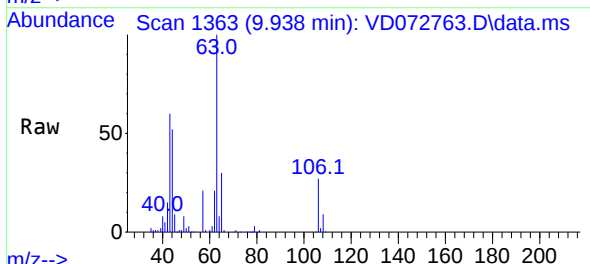
Tgt Ion: 76 Resp: 11505
Ion Ratio Lower Upper
76 100
78 34.5 26.0 39.0

Manual Integrations
APPROVED

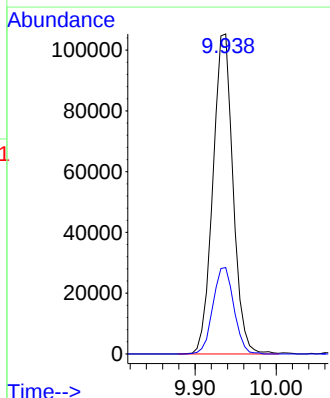
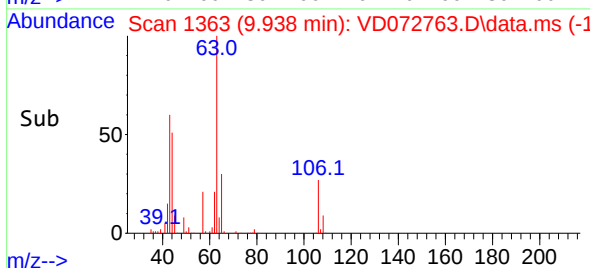
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

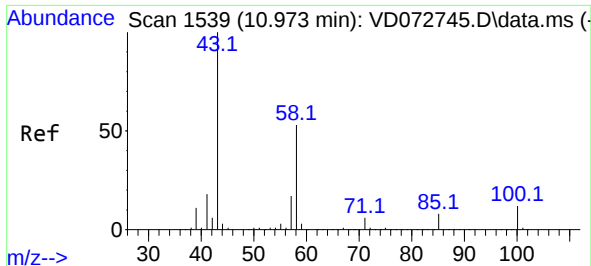


#58
2-Chloroethyl Vinyl ether
Concen: 107.467 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. 0.006 min
Lab File: VD072763.D
Acq: 03 May 2022 12:35



Tgt Ion: 63 Resp: 181831
Ion Ratio Lower Upper
63 100
106 28.0 21.4 32.0





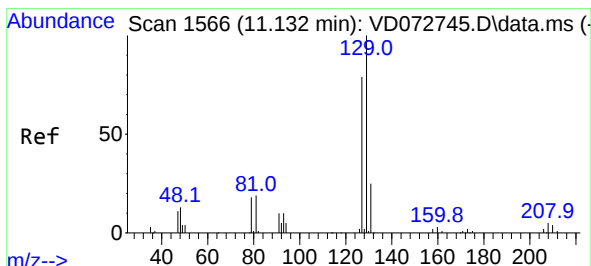
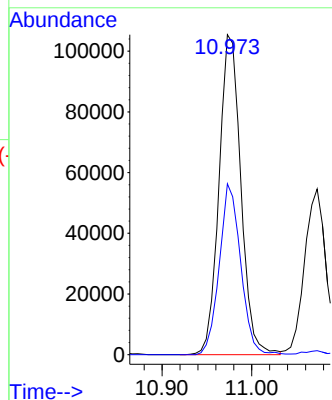
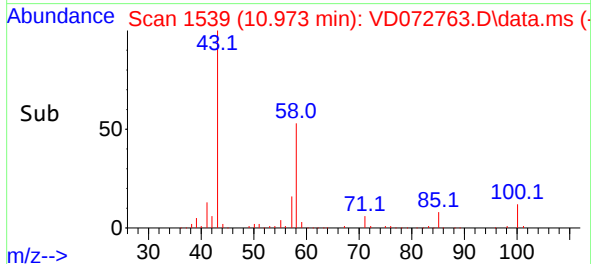
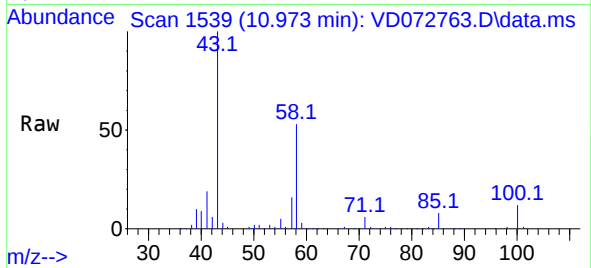
#59
2-Hexanone
Concen: 114.765 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VD072763.D
Acq: 03 May 2022 12:35

Instrument :
MSVOA_D
ClientSampleId :
VD0503SBS01

Tgt Ion: 43 Resp: 178438
Ion Ratio Lower Upper
43 100
58 52.2 25.3 75.9

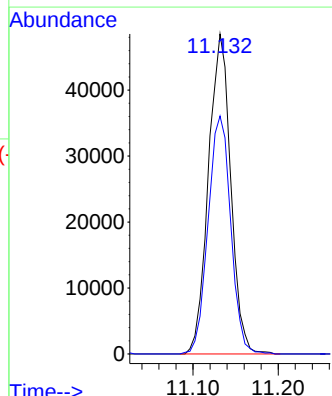
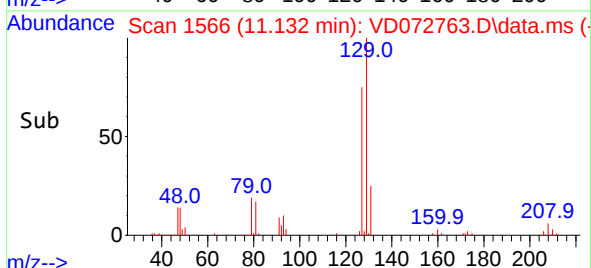
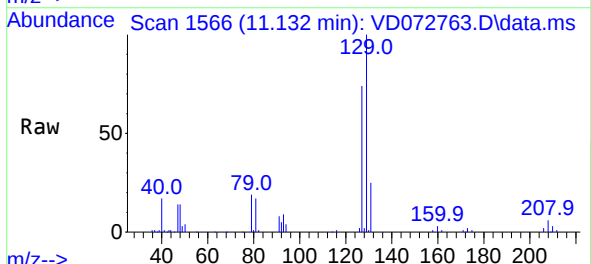
Manual Integrations
APPROVED

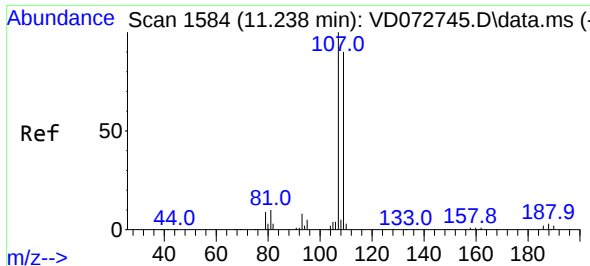
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022



#60
Dibromochloromethane
Concen: 23.637 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD072763.D
Acq: 03 May 2022 12:35

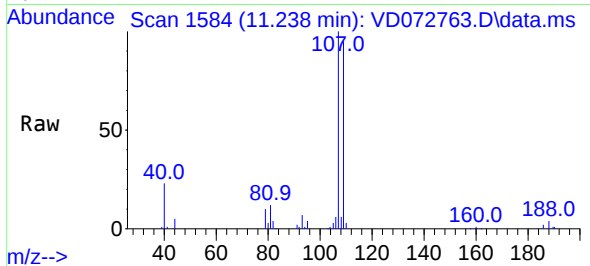
Tgt Ion:129 Resp: 88194
Ion Ratio Lower Upper
129 100
127 75.7 39.2 117.6





#61
1,2-Dibromoethane
Concen: 22.090 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072763.D
Acq: 03 May 2022 12:35

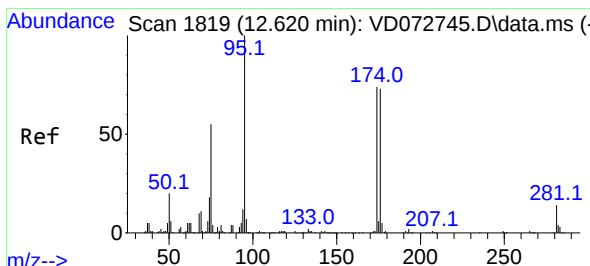
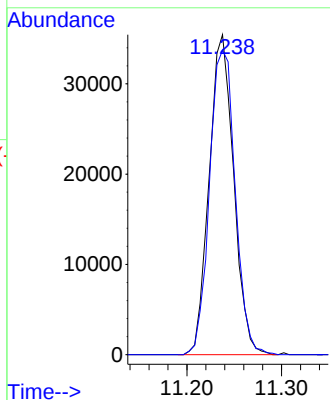
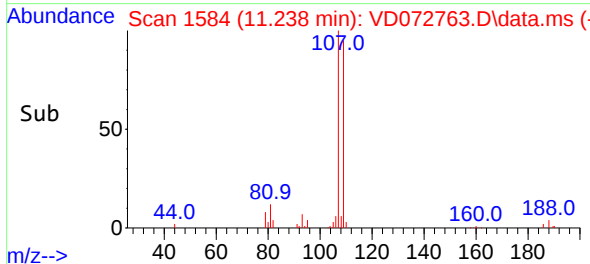
Instrument :
MSVOA_D
ClientSampleId :
VD0503SBS01



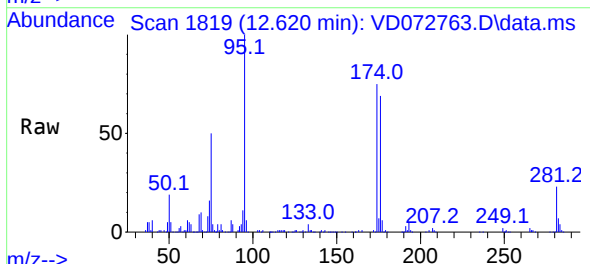
Tgt Ion:107 Resp: 63728
Ion Ratio Lower Upper
107 100
109 99.6 74.2 111.4

Manual Integrations
APPROVED

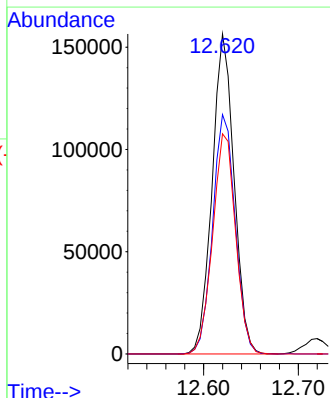
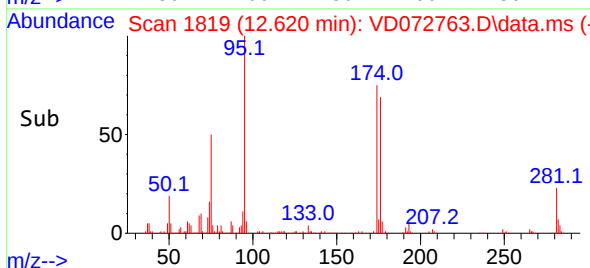
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

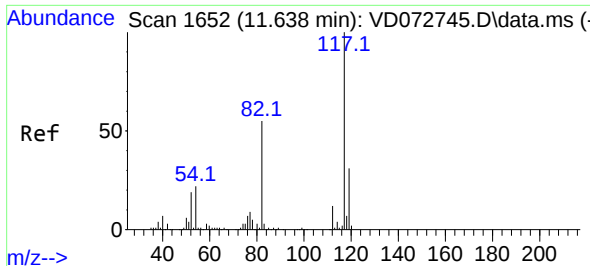


#62
4-Bromofluorobenzene
Concen: 58.320 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072763.D
Acq: 03 May 2022 12:35



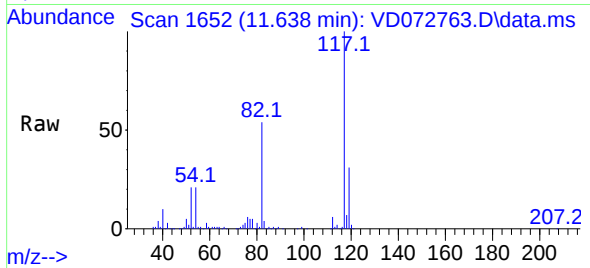
Tgt Ion: 95 Resp: 251417
Ion Ratio Lower Upper
95 100
174 77.0 0.0 152.8
176 72.2 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072763.D
Acq: 03 May 2022 12:35

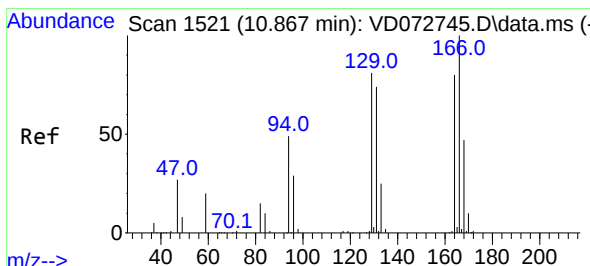
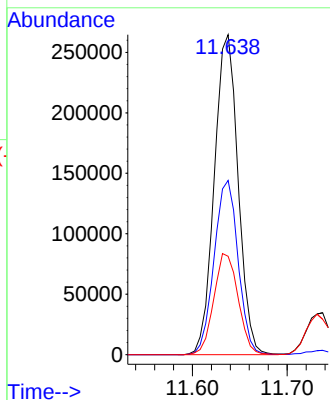
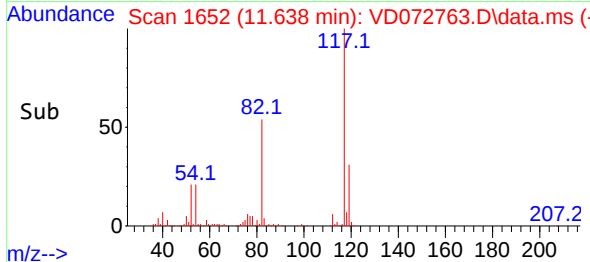
Instrument :
MSVOA_D
ClientSampleId :
VD0503SBS01



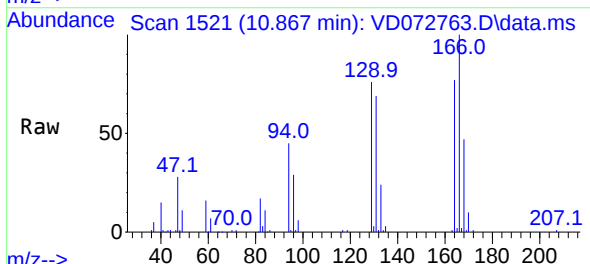
Tgt Ion:117 Resp: 462684
Ion Ratio Lower Upper
117 100
82 54.4 45.3 67.9
119 30.8 26.6 40.0

Manual Integrations
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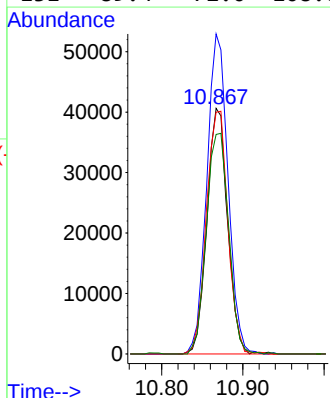
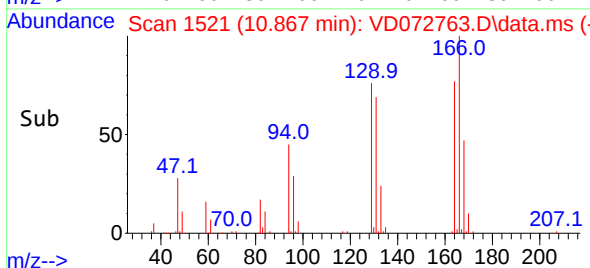
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

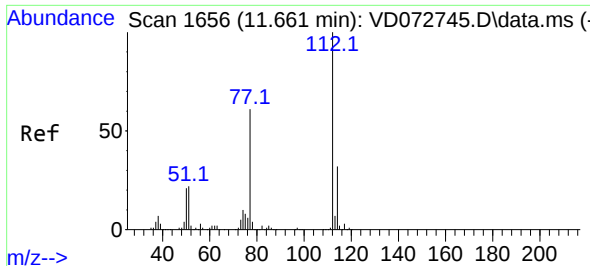


#64
Tetrachloroethene
Concen: 21.125 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.000 min
Lab File: VD072763.D
Acq: 03 May 2022 12:35



Tgt Ion:164 Resp: 71460
Ion Ratio Lower Upper
164 100
166 130.3 98.5 147.7
129 98.4 74.6 111.8
131 89.4 72.0 108.0





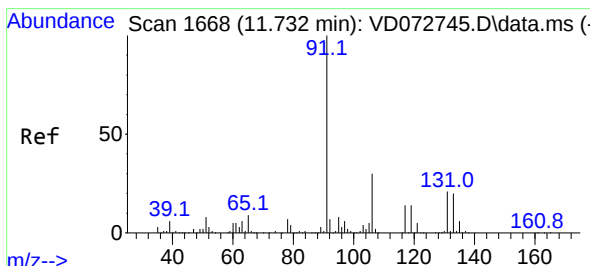
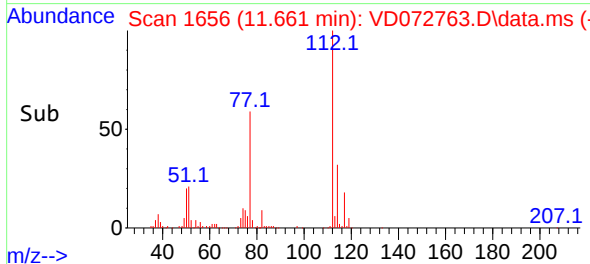
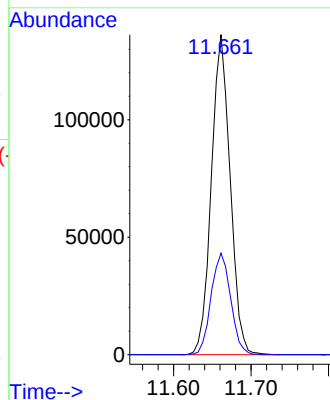
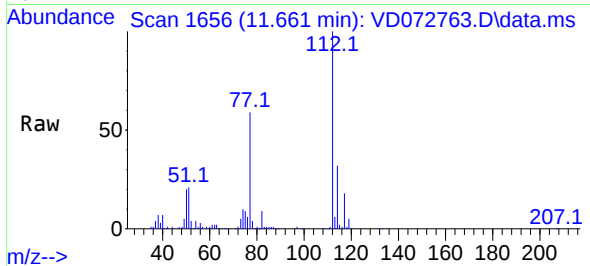
#65
Chlorobenzene
Concen: 21.505 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD072763.D
Acq: 03 May 2022 12:35

Instrument :
MSVOA_D
ClientSampleId :
VD0503SBS01

Tgt Ion:112 Resp: 23014
Ion Ratio Lower Upper
112 100
114 31.7 25.8 38.6

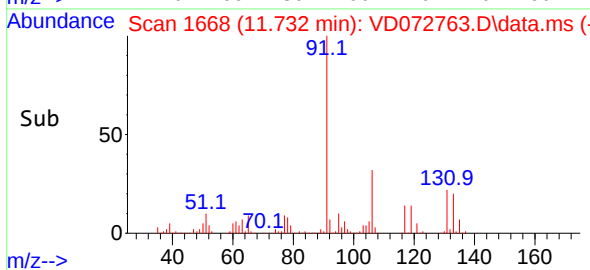
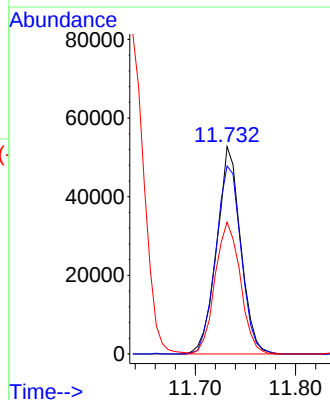
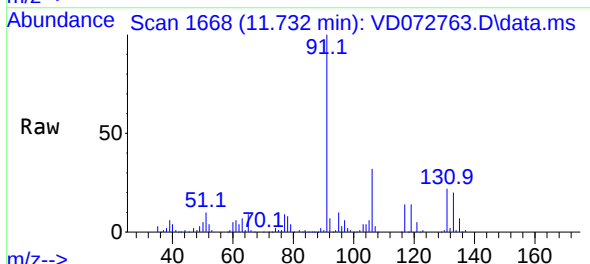
Manual Integrations
APPROVED

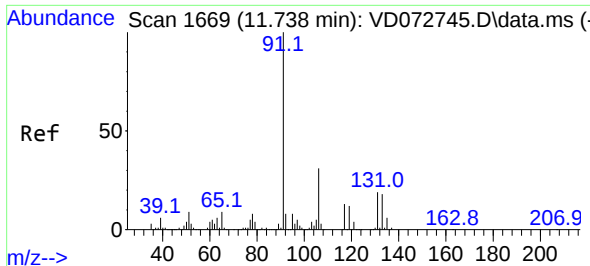
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 21.749 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD072763.D
Acq: 03 May 2022 12:35

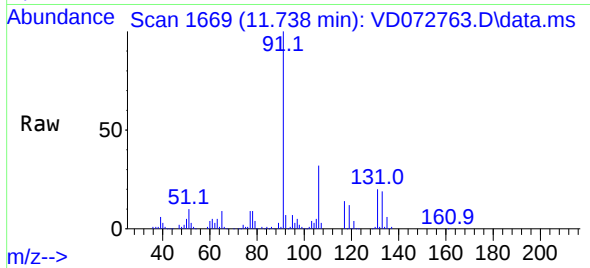
Tgt Ion:131 Resp: 87471
Ion Ratio Lower Upper
131 100
133 95.9 48.1 144.3
119 67.0 31.9 95.9





#67
Ethyl Benzene
Concen: 21.795 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD072763.D
Acq: 03 May 2022 12:35

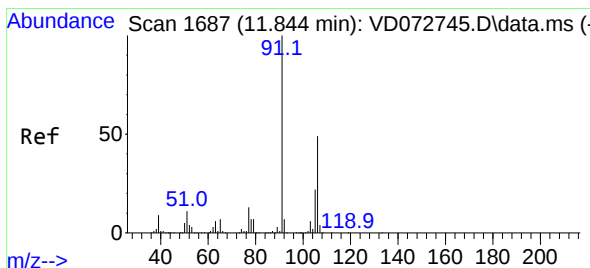
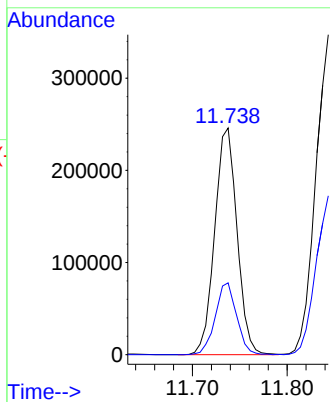
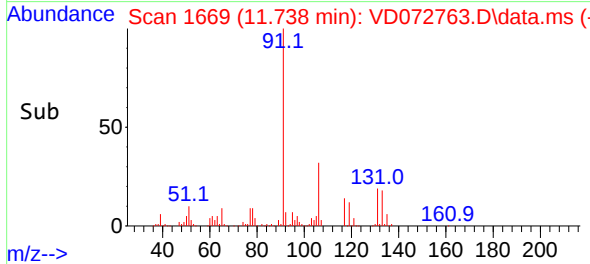
Instrument :
MSVOA_D
ClientSampleId :
VD0503SBS01



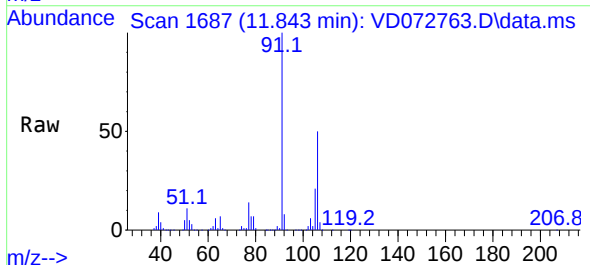
Tgt Ion: 91 Resp: 403658
Ion Ratio Lower Upper
91 100
106 31.7 24.2 36.4

Manual Integrations
APPROVED

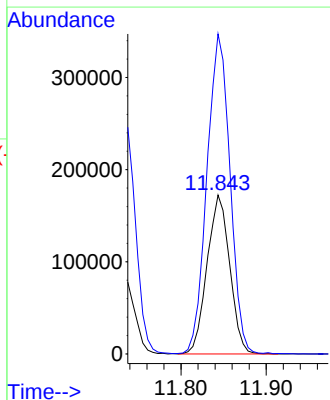
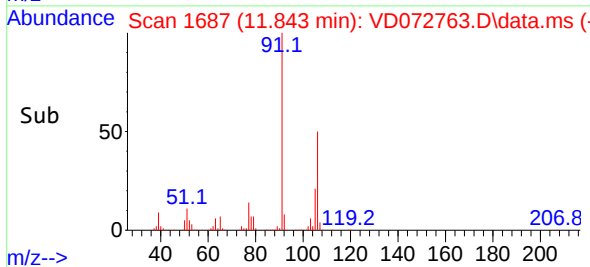
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

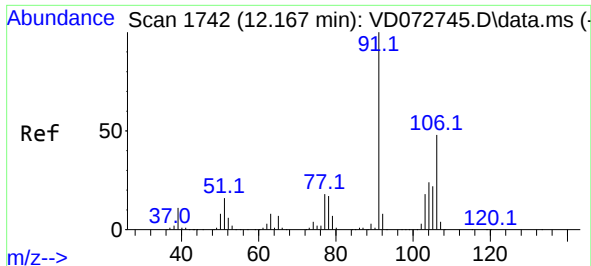


#68
m/p-Xylenes
Concen: 44.594 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.001 min
Lab File: VD072763.D
Acq: 03 May 2022 12:35



Tgt Ion:106 Resp: 318138
Ion Ratio Lower Upper
106 100
91 205.7 163.7 245.5





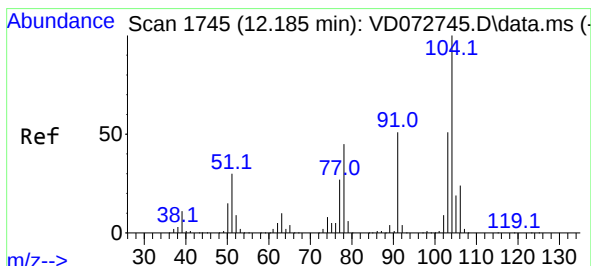
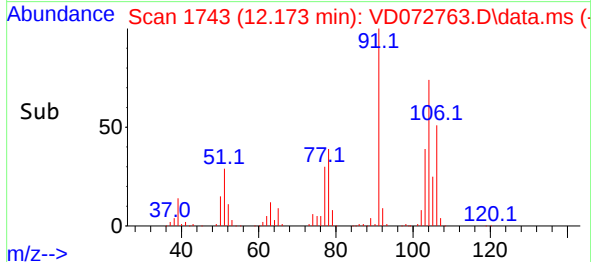
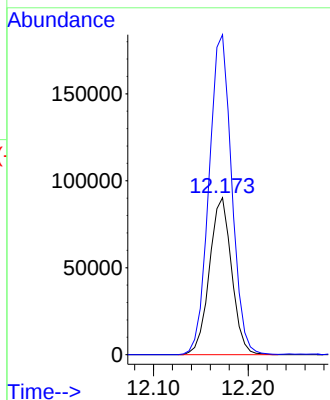
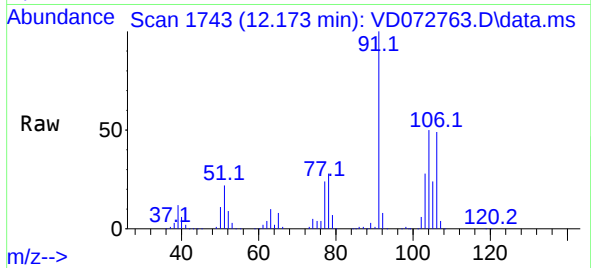
#69
o-Xylene
Concen: 22.024 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.006 min
Lab File: VD072763.D
Acq: 03 May 2022 12:35

Instrument :
MSVOA_D
ClientSampleId :
VD0503SBS01

Tgt Ion:106 Resp: 14674
Ion Ratio Lower Upper
106 100
91 208.8 110.4 331.2

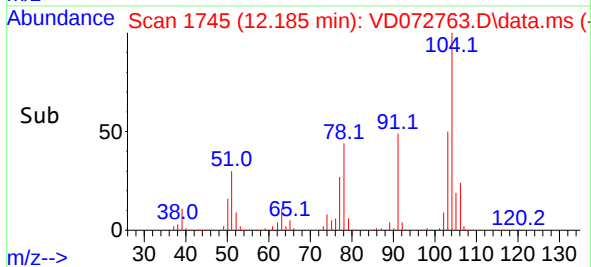
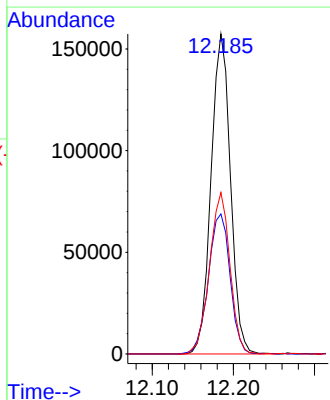
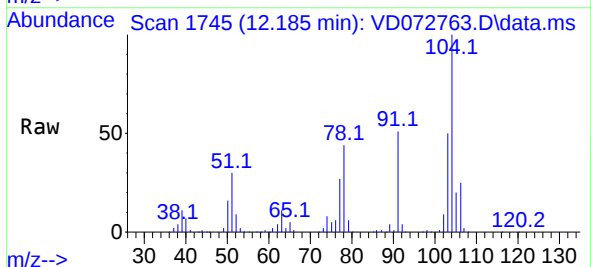
Manual Integrations
APPROVED

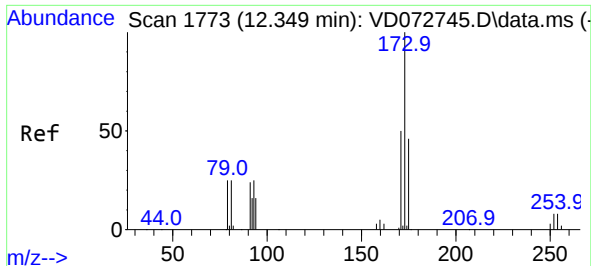
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022



#70
Styrene
Concen: 22.654 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD072763.D
Acq: 03 May 2022 12:35

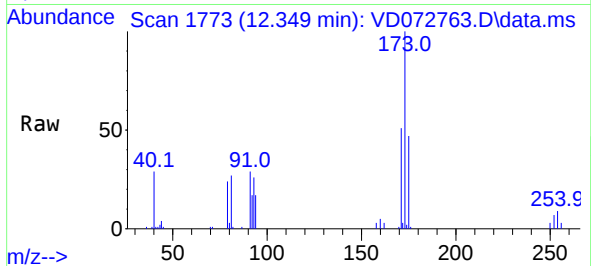
Tgt Ion:104 Resp: 261514
Ion Ratio Lower Upper
104 100
78 49.0 41.8 62.8
103 53.0 44.2 66.4





#71
Bromoform
Concen: 22.676 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD072763.D
Acq: 03 May 2022 12:35

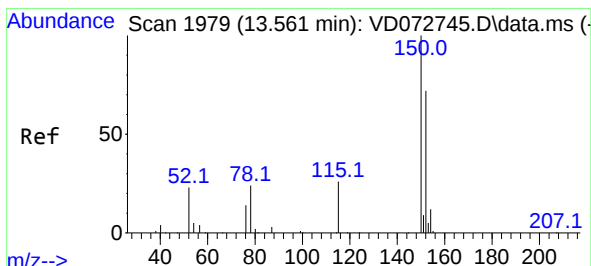
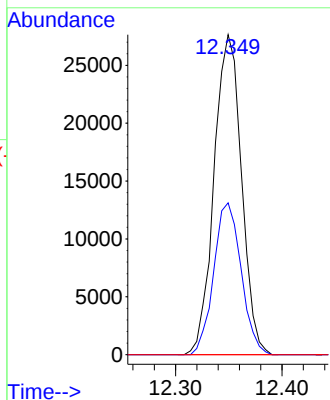
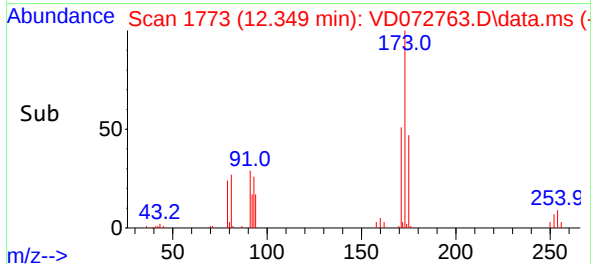
Instrument :
MSVOA_D
ClientSampleId :
VD0503SBS01



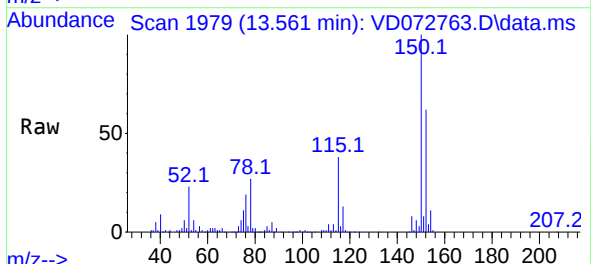
Tgt Ion:173 Resp: 49420
Ion Ratio Lower Upper
173 100
175 47.4 23.9 71.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

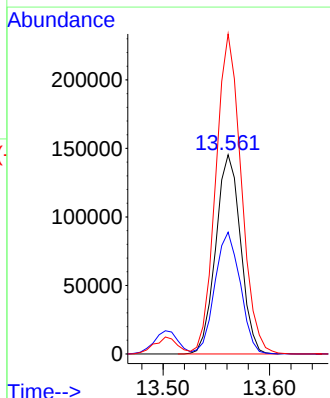
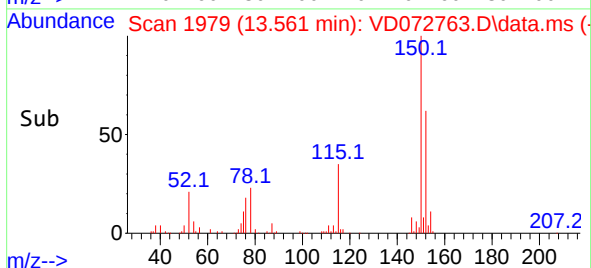
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

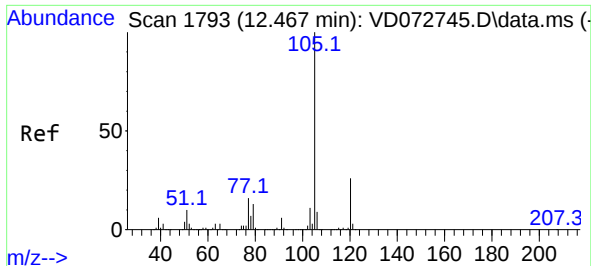


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD072763.D
Acq: 03 May 2022 12:35



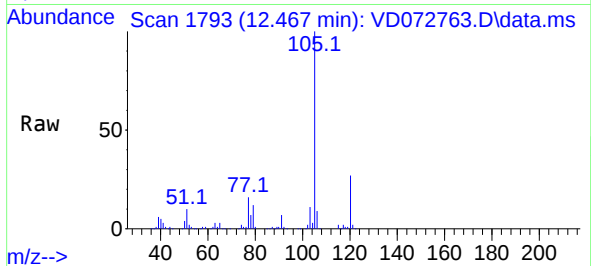
Tgt Ion:152 Resp: 235118
Ion Ratio Lower Upper
152 100
115 62.7 31.3 93.8
150 165.0 0.0 348.6





#73
Isopropylbenzene
Concen: 20.971 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD072763.D
Acq: 03 May 2022 12:35

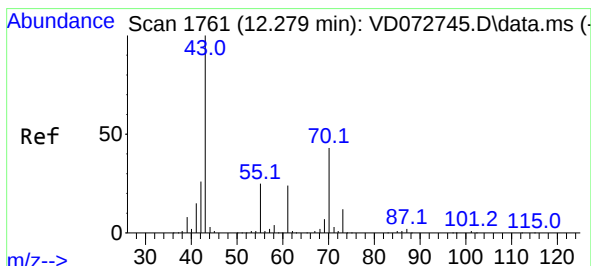
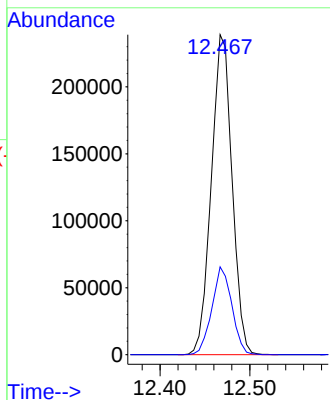
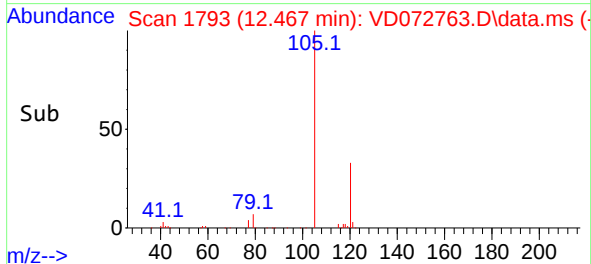
Instrument :
MSVOA_D
ClientSampleId :
VD0503SBS01



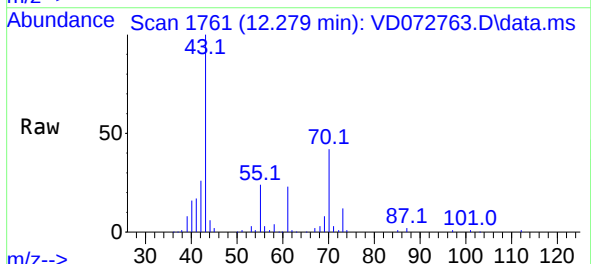
Tgt Ion:105 Resp: 38362
Ion Ratio Lower Upper
105 100
120 26.4 13.0 38.9

Manual Integrations
APPROVED

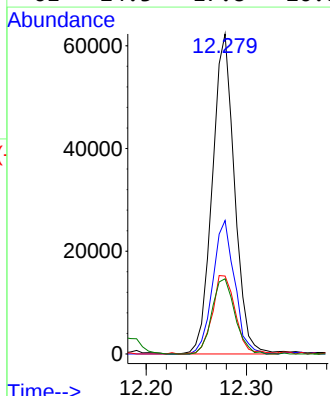
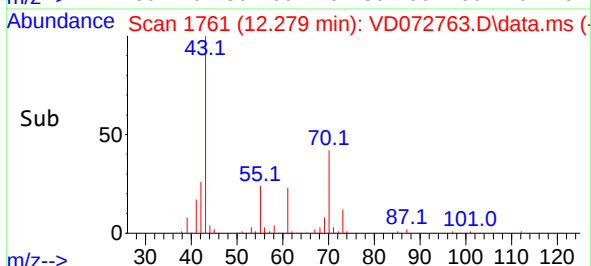
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

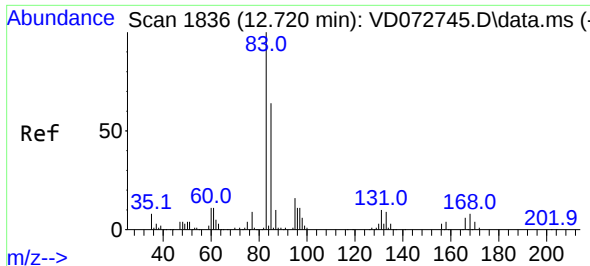


#74
N-ethyl acetate
Concen: 21.016 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD072763.D
Acq: 03 May 2022 12:35



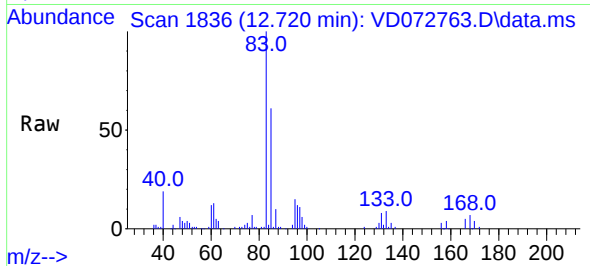
Tgt Ion: 43 Resp: 95736
Ion Ratio Lower Upper
43 100
70 41.0 31.3 46.9
55 25.5 20.0 30.0
61 24.3 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 21.990 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD072763.D
Acq: 03 May 2022 12:35

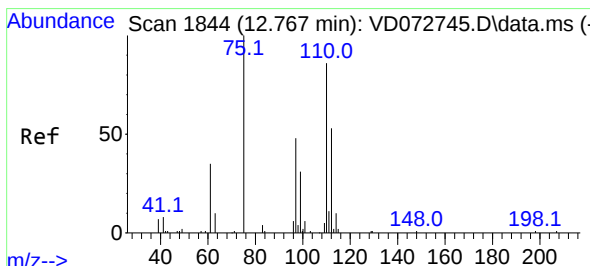
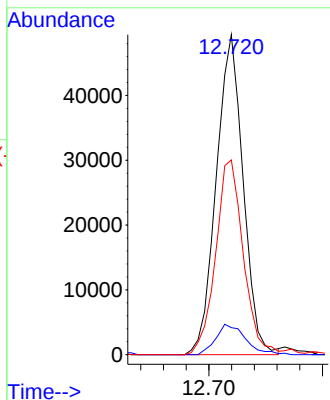
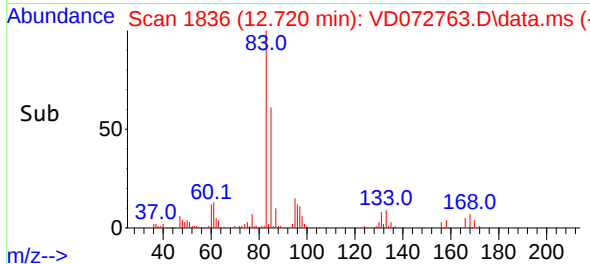
Instrument :
MSVOA_D
ClientSampleId :
VD0503SBS01



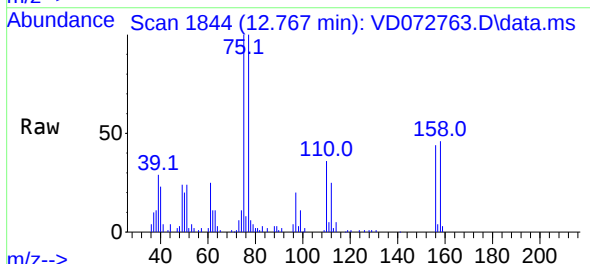
Tgt Ion: 83 Resp: 81200
Ion Ratio Lower Upper
83 100
131 10.5 5.0 14.9
85 63.3 32.6 98.0

Manual Integrations
APPROVED

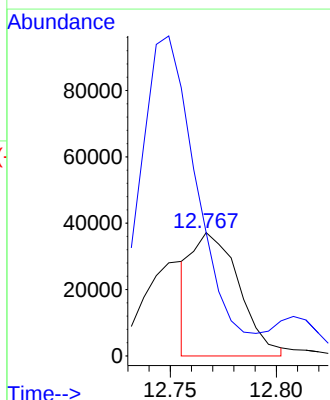
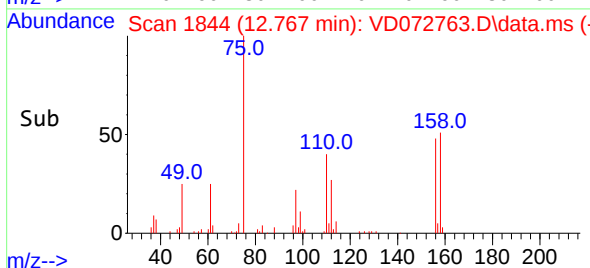
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

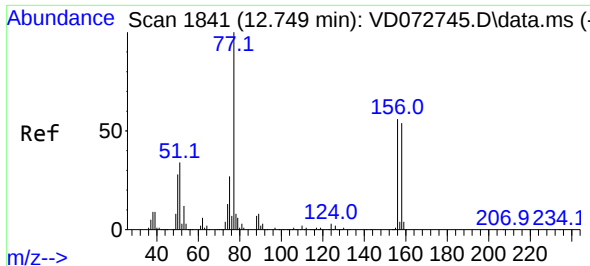


#76
1,2,3-Trichloropropane
Concen: 22.012 ug/l m
RT: 12.767 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VD072763.D
Acq: 03 May 2022 12:35



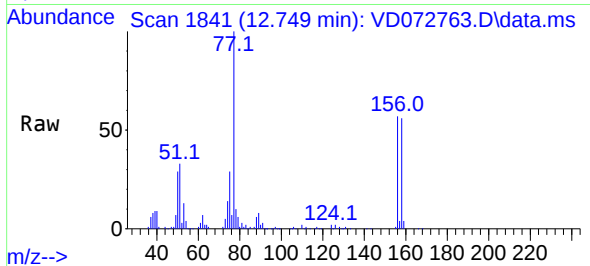
Tgt Ion: 75 Resp: 57710
Ion Ratio Lower Upper
75 100
77 319.1 0.0 0.0#





#77
Bromobenzene
Concen: 21.532 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD072763.D
Acq: 03 May 2022 12:35

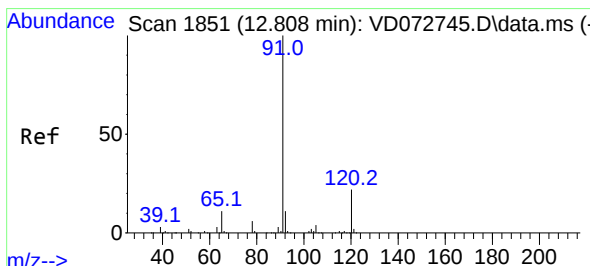
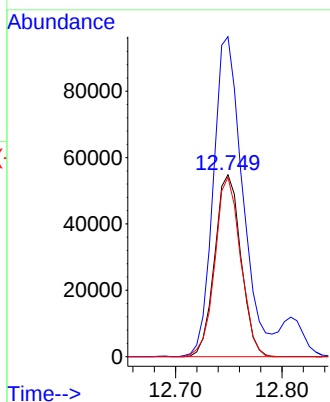
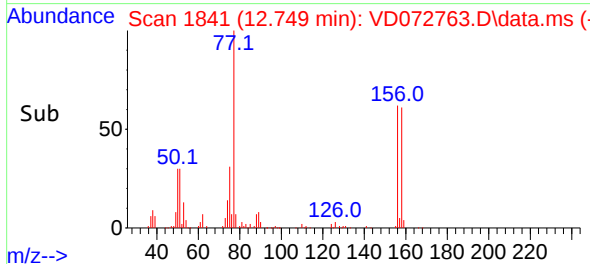
Instrument :
MSVOA_D
ClientSampleId :
VD0503SBS01



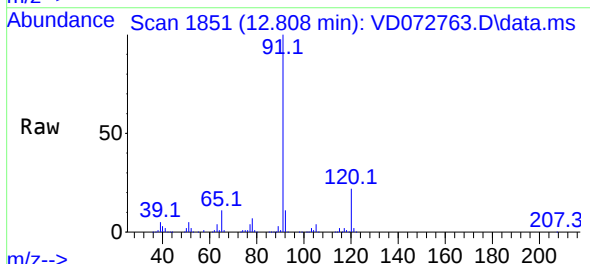
Tgt Ion:156 Resp: 93532
Ion Ratio Lower Upper
156 100
77 196.9 102.8 308.3
158 96.8 48.7 146.1

Manual Integrations
APPROVED

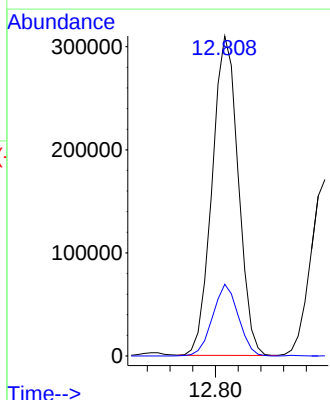
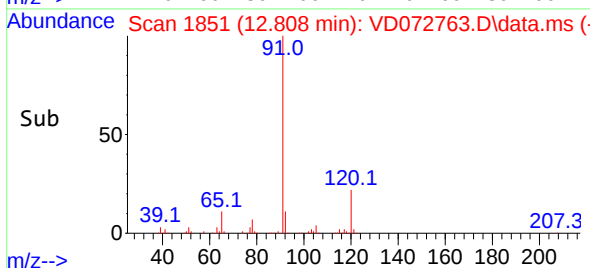
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

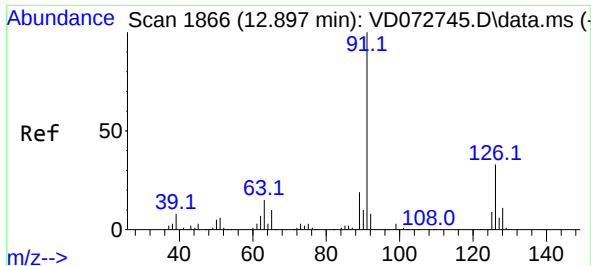


#78
n-propylbenzene
Concen: 21.455 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD072763.D
Acq: 03 May 2022 12:35



Tgt Ion: 91 Resp: 494657
Ion Ratio Lower Upper
91 100
120 22.2 10.9 32.9





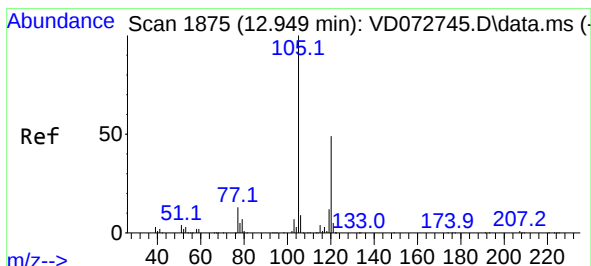
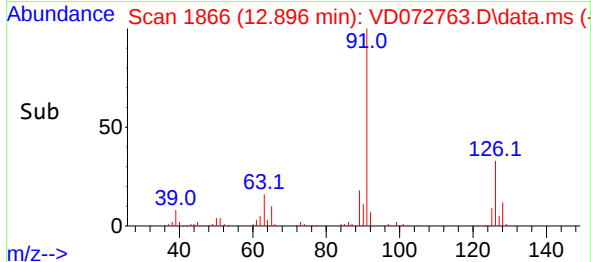
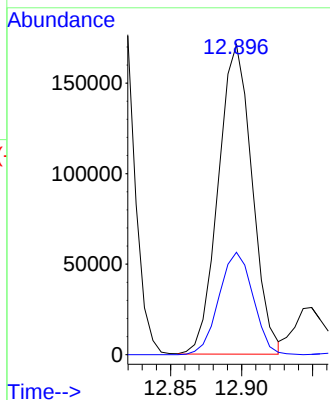
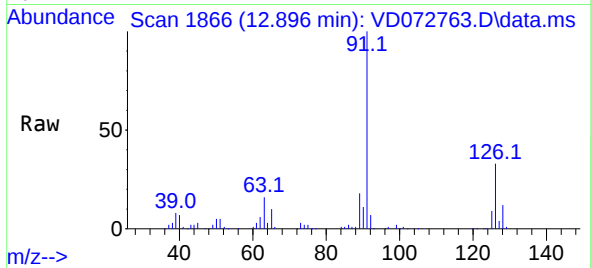
#79
2-Chlorotoluene
Concen: 21.039 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. -0.001 min
Lab File: VD072763.D
Acq: 03 May 2022 12:35

Instrument :
MSVOA_D
ClientSampleId :
VD0503SBS01

Tgt Ion: 91 Resp: 28335
Ion Ratio Lower Upper
91 100
126 33.3 16.2 48.6

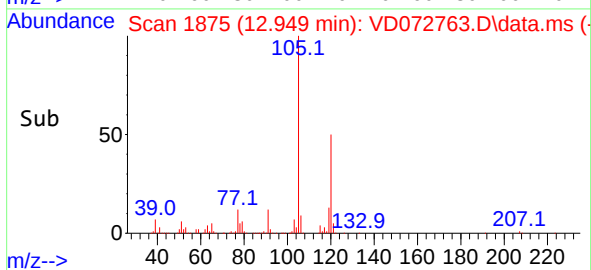
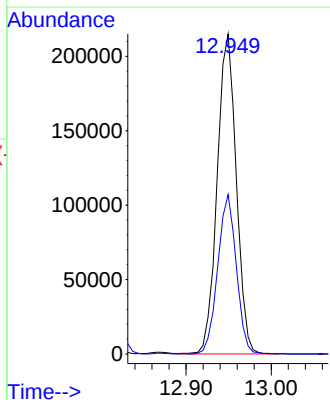
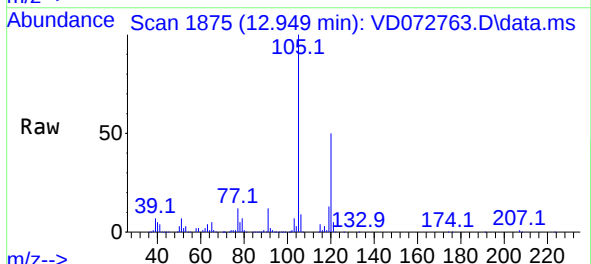
Manual Integrations
APPROVED

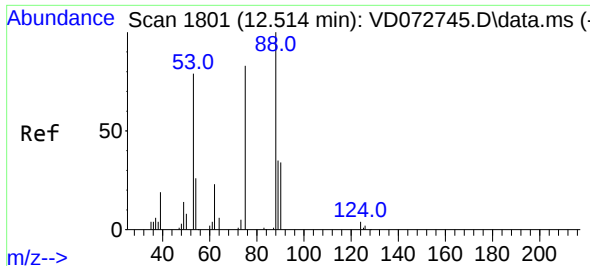
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022



#80
1,3,5-Trimethylbenzene
Concen: 21.631 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD072763.D
Acq: 03 May 2022 12:35

Tgt Ion:105 Resp: 335526
Ion Ratio Lower Upper
105 100
120 48.4 24.3 72.8





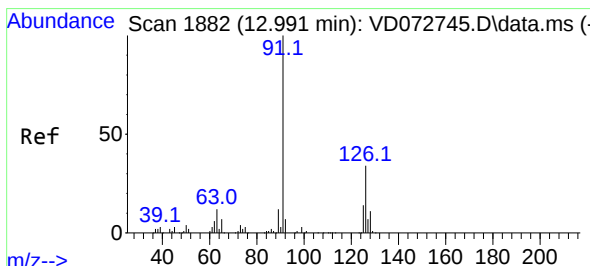
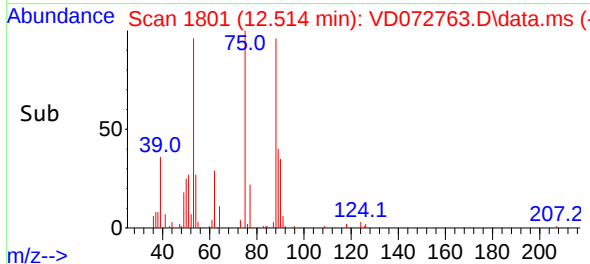
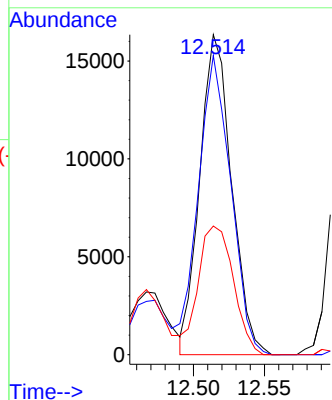
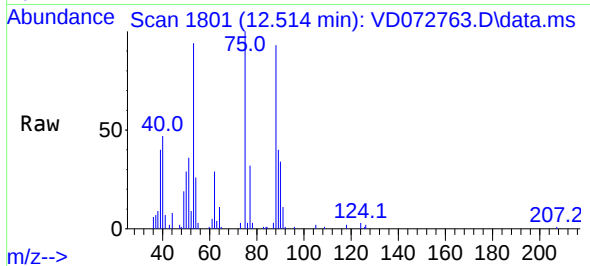
#81
trans-1,4-Dichloro-2-butene
Concen: 22.341 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. -0.000 min
Lab File: VD072763.D
Acq: 03 May 2022 12:35

Instrument :
MSVOA_D
ClientSampleId :
VD0503SBS01

Tgt Ion: 75 Resp: 2547
Ion Ratio Lower Upper
75 100
53 96.6 86.5 129.7
89 44.4 33.9 50.9

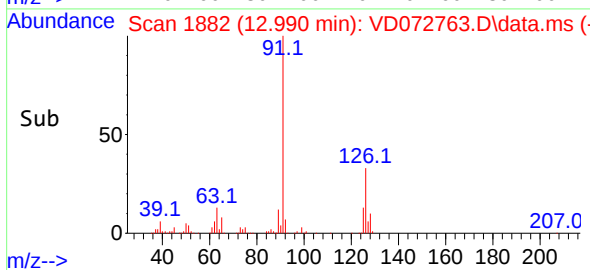
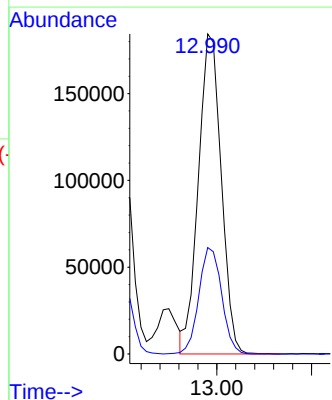
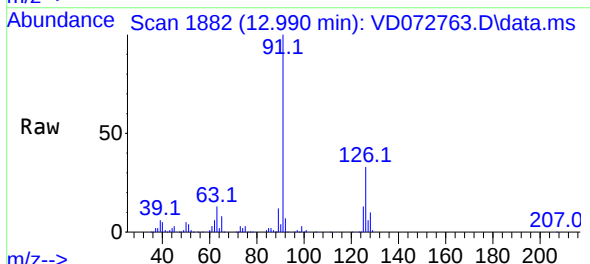
Manual Integrations
APPROVED

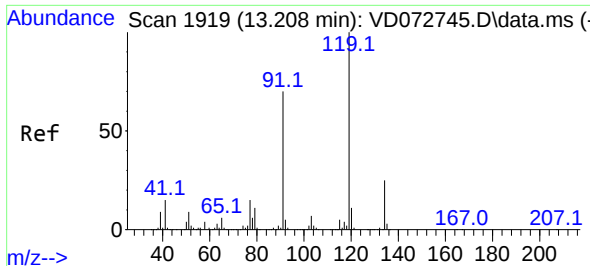
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022



#82
4-Chlorotoluene
Concen: 21.933 ug/l
RT: 12.990 min Scan# 1882
Delta R.T. -0.001 min
Lab File: VD072763.D
Acq: 03 May 2022 12:35

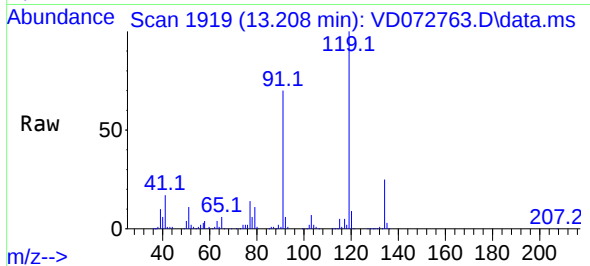
Tgt Ion: 91 Resp: 308641
Ion Ratio Lower Upper
91 100
126 33.2 16.5 49.5





#83
tert-Butylbenzene
Concen: 21.053 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD072763.D
Acq: 03 May 2022 12:35

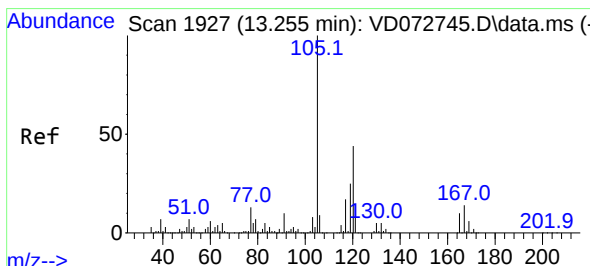
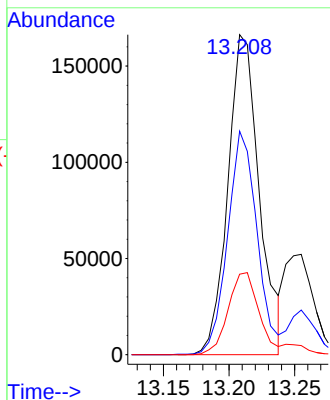
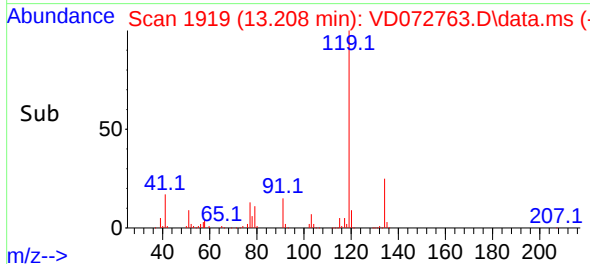
Instrument :
MSVOA_D
ClientSampleId :
VD0503SBS01



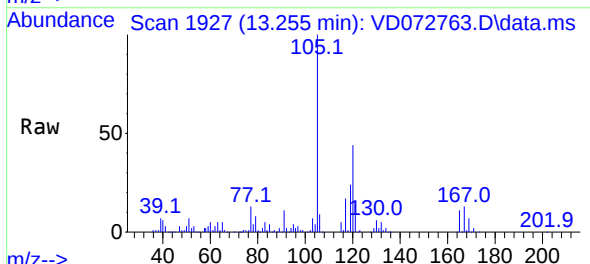
Tgt Ion:119 Resp: 277629
Ion Ratio Lower Upper
119 100
91 65.5 34.8 104.5
134 27.5 13.3 39.9

Manual Integrations
APPROVED

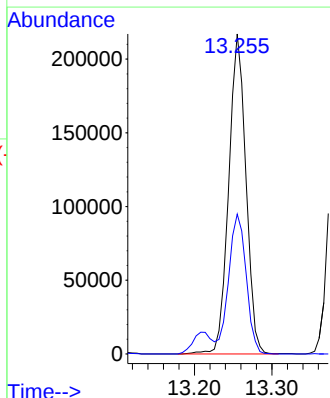
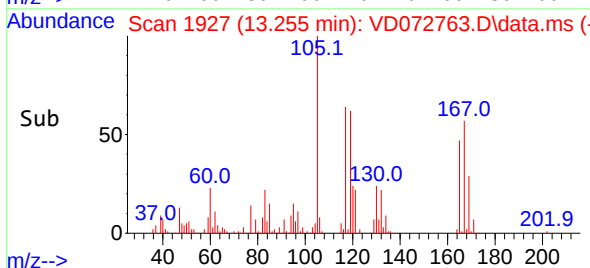
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

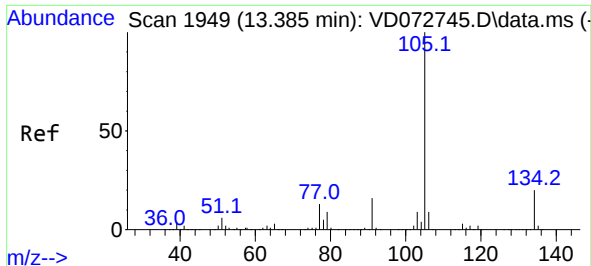


#84
1,2,4-Trimethylbenzene
Concen: 21.649 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD072763.D
Acq: 03 May 2022 12:35



Tgt Ion:105 Resp: 335654
Ion Ratio Lower Upper
105 100
120 44.6 22.3 66.8





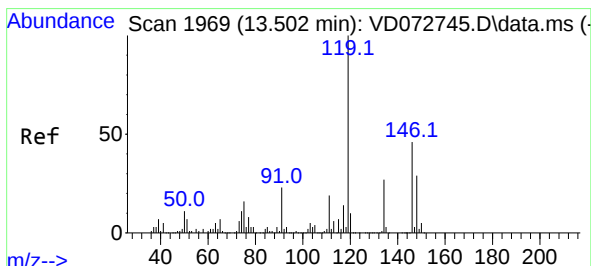
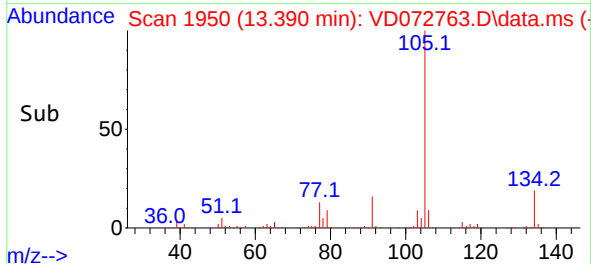
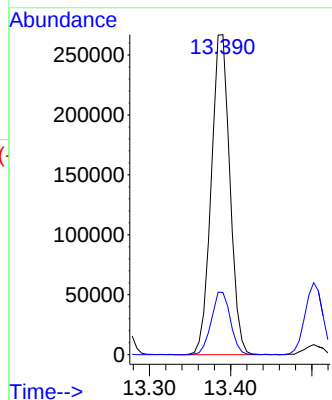
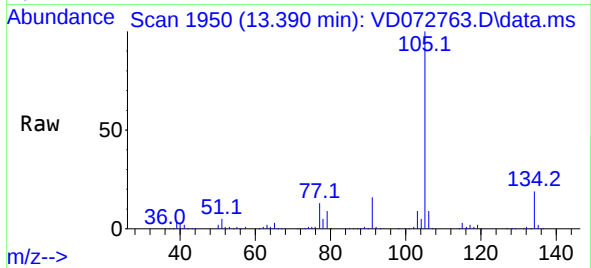
#85
 sec-Butylbenzene
 Concen: 21.417 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. 0.005 min
 Lab File: VD072763.D
 Acq: 03 May 2022 12:35

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0503SBS01

Tgt Ion:105 Resp: 42597
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.3

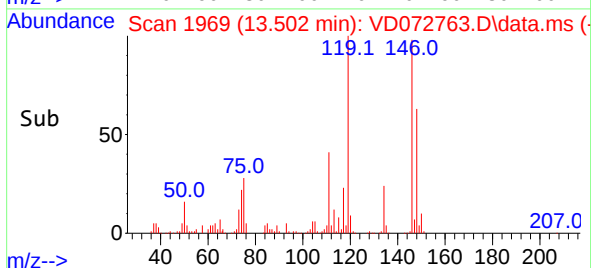
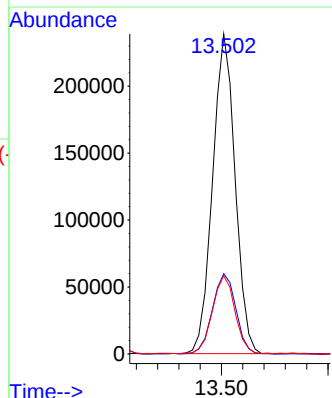
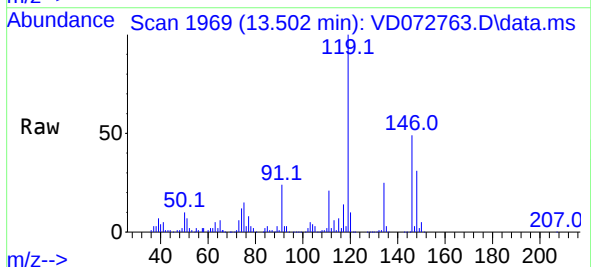
Manual Integrations
 APPROVED

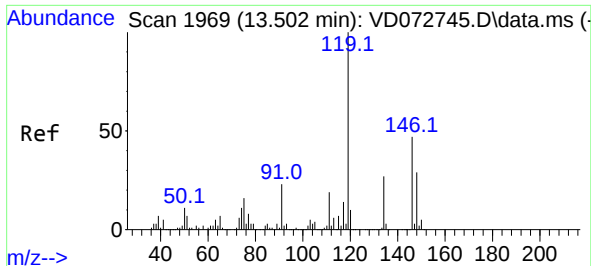
Reviewed By :John Carlone 05/04/2022
 Supervised By :Mahesh Dadoda 05/04/2022



#86
 p-Isopropyltoluene
 Concen: 21.458 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD072763.D
 Acq: 03 May 2022 12:35

Tgt Ion:119 Resp: 349911
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.9 38.6
 91 24.9 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 21.708 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD072763.D

Acq: 03 May 2022 12:35

Instrument :

MSVOA_D

ClientSampleId :

VD0503SBS01

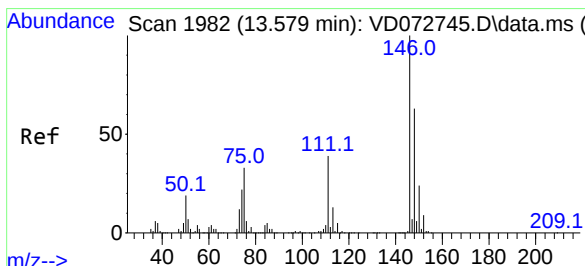
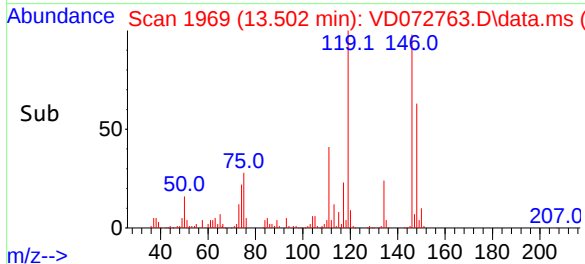
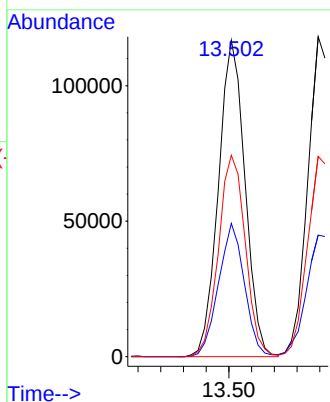
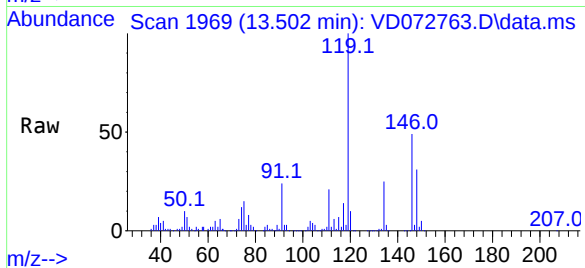
Tgt Ion:146	Resp:	18996
Ion Ratio	Lower	Upper
146	100	
111	41.0	20.4 61.3
148	64.4	31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/04/2022

Supervised By :Mahesh Dadoda 05/04/2022



#88

1,4-Dichlorobenzene

Concen: 21.644 ug/l

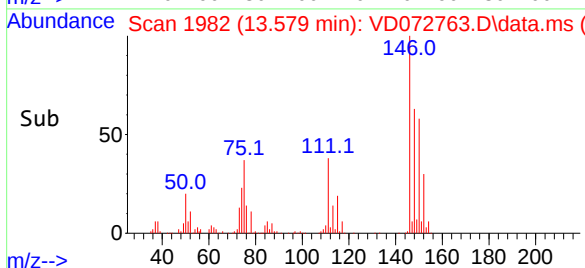
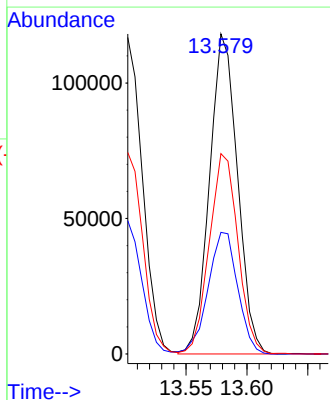
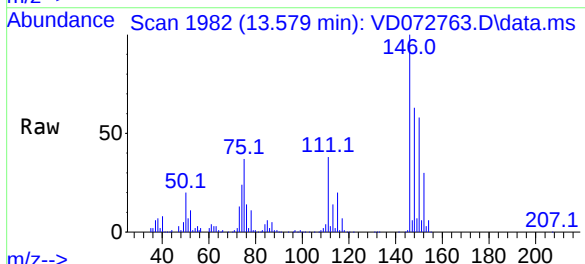
RT: 13.579 min Scan# 1982

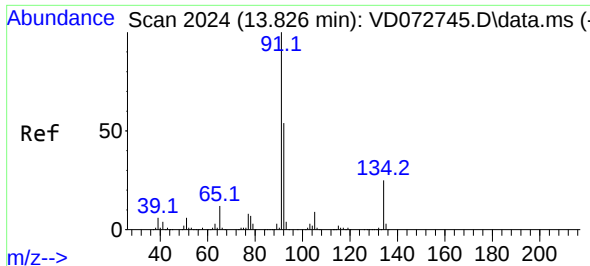
Delta R.T. -0.000 min

Lab File: VD072763.D

Acq: 03 May 2022 12:35

Tgt Ion:146	Resp:	188612
Ion Ratio	Lower	Upper
146	100	
111	40.5	20.3 60.9
148	64.4	31.7 95.1





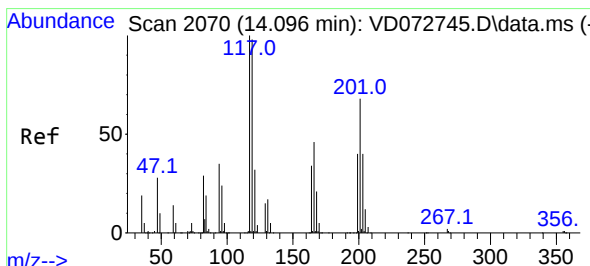
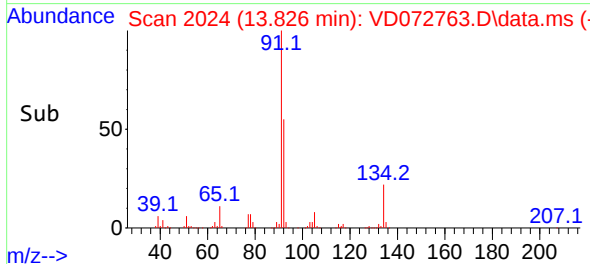
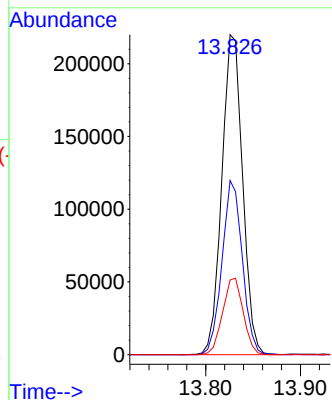
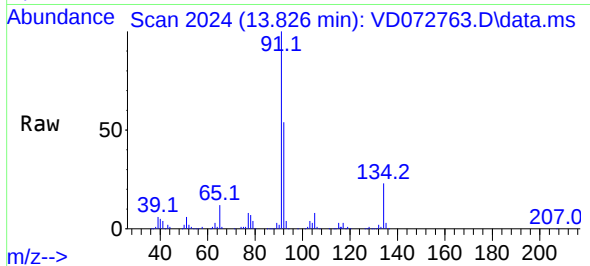
#89
n-Butylbenzene
Concen: 21.245 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. -0.000 min
Lab File: VD072763.D
Acq: 03 May 2022 12:35

Instrument :
MSVOA_D
ClientSampleId :
VD0503SBS01

Tgt Ion: 91 Resp: 335609
Ion Ratio Lower Upper
91 100
92 53.2 26.6 79.8
134 23.7 12.3 36.9

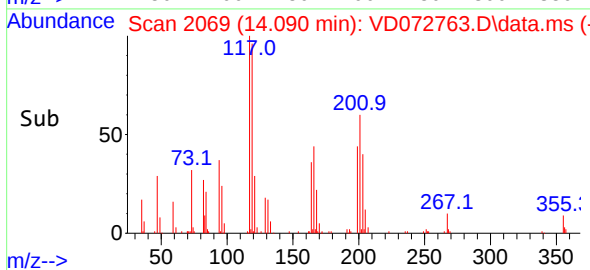
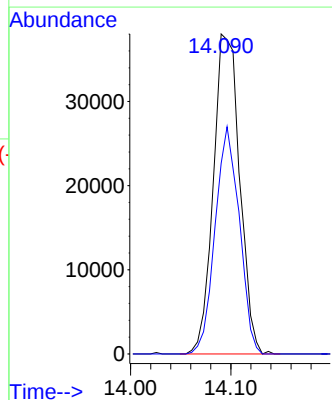
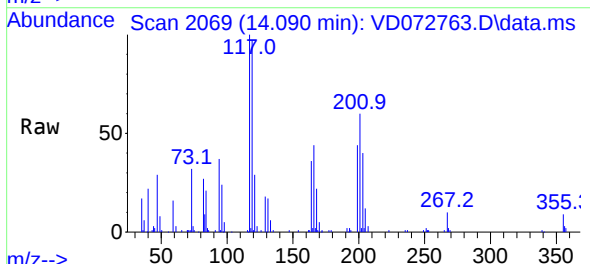
Manual Integrations
APPROVED

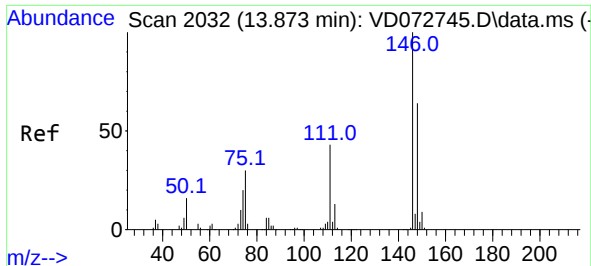
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022



#90
Hexachloroethane
Concen: 20.759 ug/l
RT: 14.090 min Scan# 2069
Delta R.T. -0.006 min
Lab File: VD072763.D
Acq: 03 May 2022 12:35

Tgt Ion:117 Resp: 69349
Ion Ratio Lower Upper
117 100
201 65.2 33.4 100.2





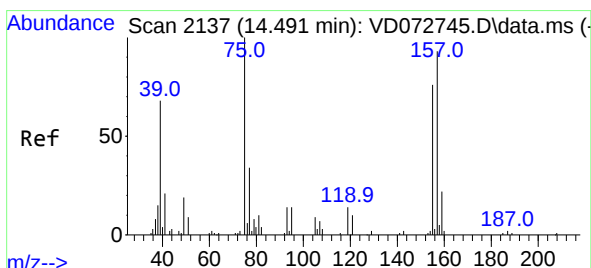
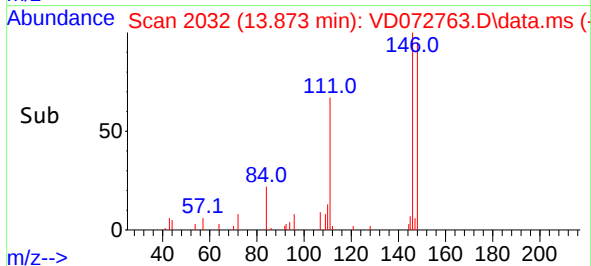
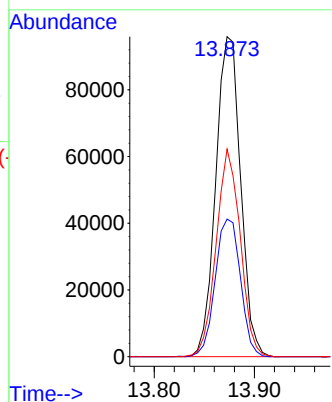
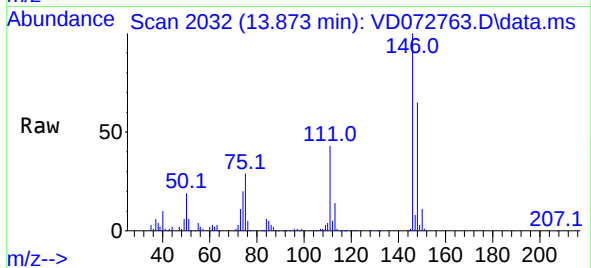
#91
1,2-Dichlorobenzene
Concen: 21.707 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD072763.D
Acq: 03 May 2022 12:35

Instrument :
MSVOA_D
ClientSampleId :
VD0503SBS01

Tgt Ion:146 Resp: 165544
Ion Ratio Lower Upper
146 100
111 43.6 21.1 63.3
148 62.7 31.7 95.1

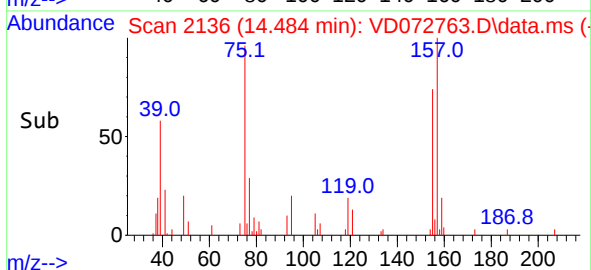
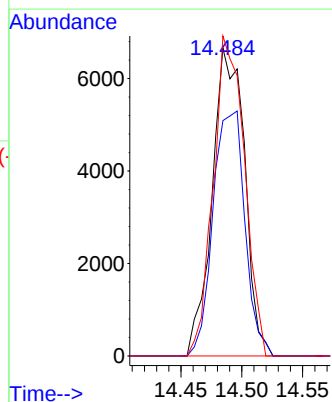
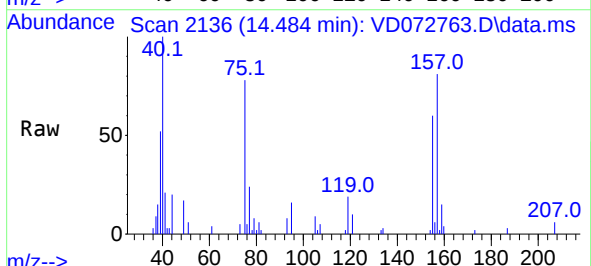
Manual Integrations
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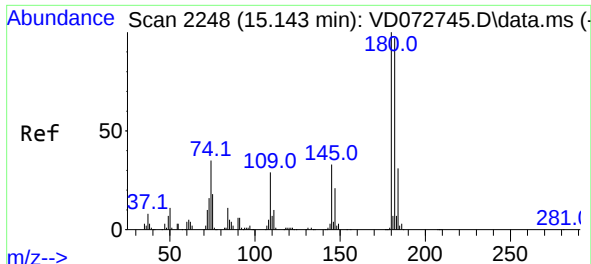
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.066 ug/l
RT: 14.484 min Scan# 2136
Delta R.T. -0.007 min
Lab File: VD072763.D
Acq: 03 May 2022 12:35

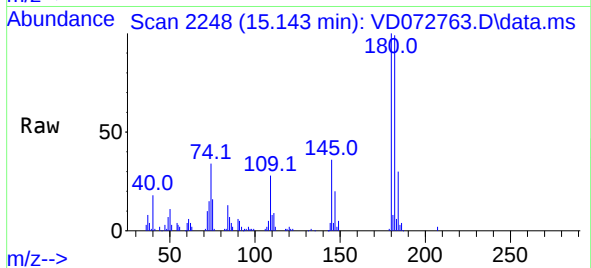
Tgt Ion: 75 Resp: 12331
Ion Ratio Lower Upper
75 100
155 78.3 36.8 110.3
157 99.9 48.4 145.0





#93
1,2,4-Trichlorobenzene
Concen: 20.975 ug/l
RT: 15.143 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD072763.D
Acq: 03 May 2022 12:35

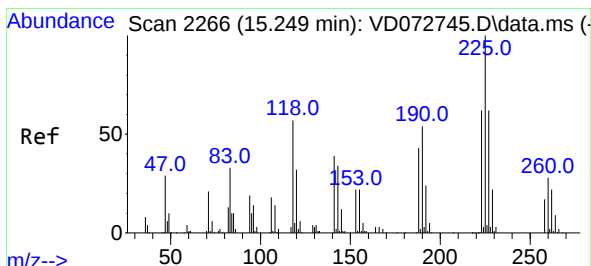
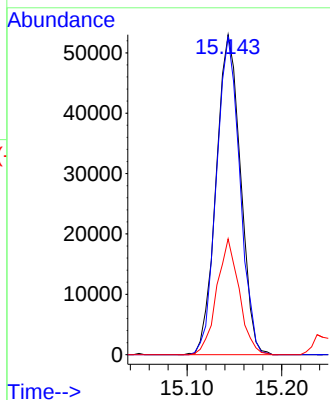
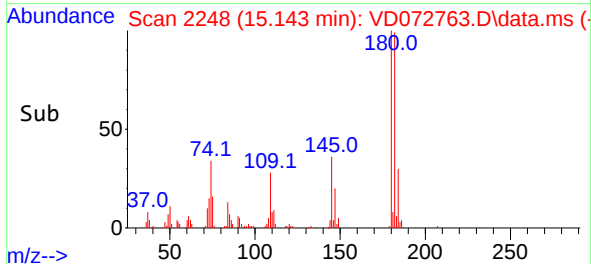
Instrument :
MSVOA_D
ClientSampleId :
VD0503SBS01



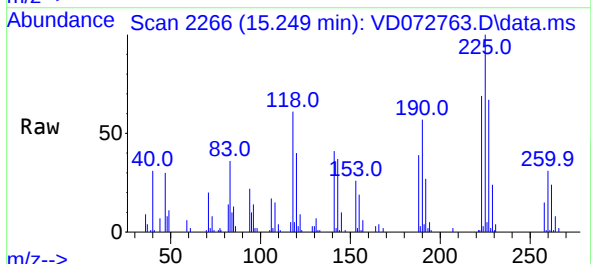
Tgt Ion:180 Resp: 94734
Ion Ratio Lower Upper
180 100
182 95.4 47.3 142.0
145 33.5 16.2 48.5

Manual Integrations
APPROVED

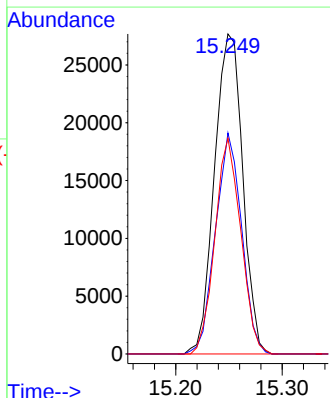
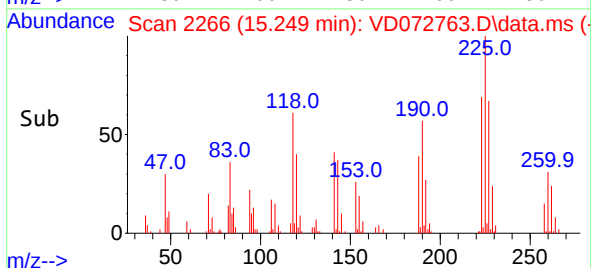
Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022

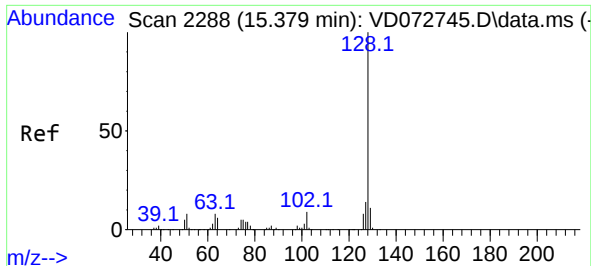


#94
Hexachlorobutadiene
Concen: 20.658 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. 0.000 min
Lab File: VD072763.D
Acq: 03 May 2022 12:35



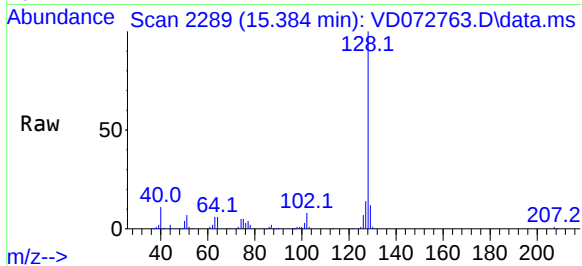
Tgt Ion:225 Resp: 50955
Ion Ratio Lower Upper
225 100
223 64.0 31.1 93.2
227 62.0 32.4 97.0





#95
Naphthalene
Concen: 20.528 ug/l
RT: 15.384 min Scan# 2288
Delta R.T. 0.005 min
Lab File: VD072763.D
Acq: 03 May 2022 12:35

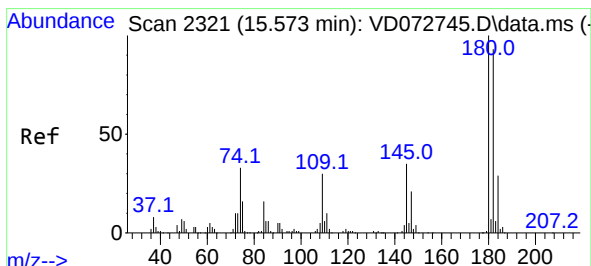
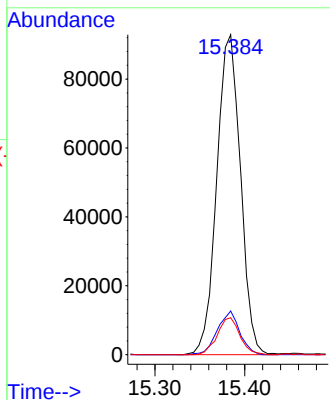
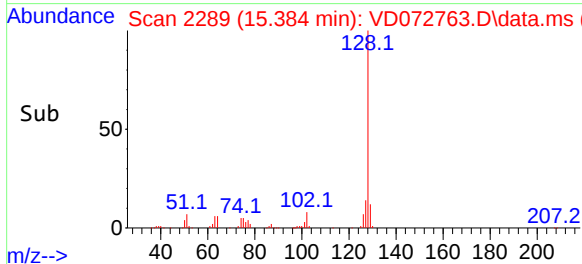
Instrument :
MSVOA_D
ClientSampleId :
VD0503SBS01



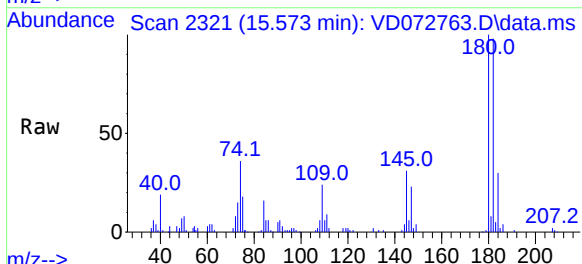
Tgt Ion:128 Resp: 17046
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.0 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/04/2022
Supervised By :Mahesh Dadoda 05/04/2022



#96
1,2,3-Trichlorobenzene
Concen: 21.416 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.000 min
Lab File: VD072763.D
Acq: 03 May 2022 12:35



Tgt Ion:180 Resp: 85742
Ion Ratio Lower Upper
180 100
182 94.0 47.6 142.9
145 33.6 17.1 51.3

