

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041122\
 Data File : VD072577.D
 Acq On : 11 Apr 2022 09:52
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/12/2022
 Supervised By : Mahesh Dadoda 04/12/2022

Quant Time: Apr 12 01:00:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	403624	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	640058	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	591313	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	302047	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	220893	45.241	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.480%		
35) Dibromofluoromethane	7.909	113	242759	48.804	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.600%		
50) Toluene-d8	10.332	98	820438	47.450	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	94.900%		
62) 4-Bromofluorobenzene	12.620	95	325415	48.190	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	96.380%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	156556	48.873	ug/l	97
3) Chloromethane	2.209	50	154939	52.294	ug/l	100
4) Vinyl Chloride	2.350	62	170257	49.995	ug/l	98
5) Bromomethane	2.768	94	123983	54.304	ug/l	96
6) Chloroethane	2.921	64	116878	53.559	ug/l	98
7) Trichlorofluoromethane	3.274	101	374809	53.907	ug/l	98
8) Diethyl Ether	3.715	74	107150	51.858	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.091	101	236063	50.908	ug/l	96
10) Methyl Iodide	4.297	142	193190	45.092	ug/l	99
11) Tert butyl alcohol	5.220	59	61979	240.372	ug/l #	89
12) 1,1-Dichloroethene	4.068	96	192152	53.003	ug/l	93
13) Acrolein	3.915	56	20649	180.462	ug/l	96
14) Allyl chloride	4.715	41	313849	49.317	ug/l #	92
15) Acrylonitrile	5.415	53	257053	248.762	ug/l	97
16) Acetone	4.144	43	256131	281.324	ug/l	93
17) Carbon Disulfide	4.409	76	391118	49.828	ug/l	99
18) Methyl Acetate	4.715	43	114441	44.617	ug/l #	91
19) Methyl tert-butyl Ether	5.479	73	549744	51.954	ug/l	95
20) Methylene Chloride	4.956	84	241319	44.523	ug/l #	84
21) trans-1,2-Dichloroethene	5.462	96	218767	49.449	ug/l	88
22) Diisopropyl ether	6.356	45	763550	52.422	ug/l #	93
23) Vinyl Acetate	6.297	43	1998703	254.998	ug/l #	95
24) 1,1-Dichloroethane	6.256	63	455446	51.891	ug/l	98
25) 2-Butanone	7.203	43	332131	263.769	ug/l #	89
26) 2,2-Dichloropropane	7.203	77	416687	53.450	ug/l	97
27) cis-1,2-Dichloroethene	7.209	96	282072	51.246	ug/l	92
28) Bromochloromethane	7.538	49	167200	44.460	ug/l #	80
29) Tetrahydrofuran	7.556	42	191960	252.507	ug/l	90
30) Chloroform	7.703	83	501737	50.818	ug/l	93
31) Cyclohexane	7.979	56	334853	52.449	ug/l	89
32) 1,1,1-Trichloroethane	7.897	97	451524	53.920	ug/l	95
36) 1,1-Dichloropropene	8.109	75	330269	51.913	ug/l	96
37) Ethyl Acetate	7.285	43	134560	51.054	ug/l #	91
38) Carbon Tetrachloride	8.091	117	382776	55.858	ug/l	95
39) Methylcyclohexane	9.350	83	376468	50.805	ug/l	96
40) Benzene	8.344	78	962803	55.424	ug/l	99

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Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/12/2022
 Supervised By : Mahesh Dadoda 04/12/2022

Quant Time: Apr 12 01:00:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 02:44:36 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	77643m	50.393	ug/l	
42) 1,2-Dichloroethane	8.414	62	288959	54.421	ug/l	96
43) Isopropyl Acetate	8.444	43	270957	53.594	ug/l #	90
44) Trichloroethene	9.108	130	274813	55.722	ug/l	94
45) 1,2-Dichloropropane	9.379	63	259793	53.761	ug/l	98
46) Dibromomethane	9.467	93	140179	55.291	ug/l	95
47) Bromodichloromethane	9.656	83	387188	53.158	ug/l	96
48) Methyl methacrylate	9.450	41	124915	50.892	ug/l #	80
49) 1,4-Dioxane	9.450	88	31514	1044.935	ug/l #	94
51) 4-Methyl-2-Pentanone	10.220	43	714994	263.567	ug/l	93
52) Toluene	10.397	92	647081	56.070	ug/l	95
53) t-1,3-Dichloropropene	10.608	75	348793	54.953	ug/l	98
54) cis-1,3-Dichloropropene	10.079	75	407027	54.239	ug/l	89
55) 1,1,2-Trichloroethane	10.791	97	203934	53.058	ug/l	97
56) Ethyl methacrylate	10.655	69	241112	50.994	ug/l	84
57) 1,3-Dichloropropane	10.938	76	338891	53.333	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	494137	260.400	ug/l	93
59) 2-Hexanone	10.973	43	526511	285.413	ug/l	91
60) Dibromochloromethane	11.132	129	262055	52.854	ug/l	99
61) 1,2-Dibromoethane	11.238	107	185764	54.434	ug/l	99
64) Tetrachloroethene	10.867	164	214970	55.643	ug/l	98
65) Chlorobenzene	11.661	112	703326	53.201	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	282262	53.403	ug/l	99
67) Ethyl Benzene	11.738	91	1264736	54.827	ug/l	98
68) m/p-Xylenes	11.844	106	975648	111.483	ug/l	99
69) o-Xylene	12.173	106	465282	55.103	ug/l	96
70) Styrene	12.185	104	822065	55.241	ug/l	97
71) Bromoform	12.350	173	147448	52.623	ug/l #	99
73) Isopropylbenzene	12.467	105	1288865	52.836	ug/l	99
74) N-amyl acetate	12.279	43	257117	50.235	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.720	83	225616	48.830	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	167878m	50.960	ug/l	
77) Bromobenzene	12.749	156	283935	51.931	ug/l	93
78) n-propylbenzene	12.808	91	1563825	53.141	ug/l	98
79) 2-Chlorotoluene	12.897	91	895907	52.058	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	1083676	51.871	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	68069	50.702	ug/l	89
82) 4-Chlorotoluene	12.997	91	928299	51.792	ug/l	99
83) tert-Butylbenzene	13.214	119	964617	53.334	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	1071346	52.441	ug/l	100
85) sec-Butylbenzene	13.391	105	1440034	52.859	ug/l	98
86) p-Isopropyltoluene	13.502	119	1186469	53.281	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	584307	51.574	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	568351	49.774	ug/l	99
89) n-Butylbenzene	13.832	91	1136849	53.592	ug/l	99
90) Hexachloroethane	14.096	117	234127	51.359	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	510833	51.121	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.491	75	34579	50.604	ug/l	87
93) 1,2,4-Trichlorobenzene	15.143	180	316615	51.117	ug/l	98
94) Hexachlorobutadiene	15.249	225	182299	52.544	ug/l	99
95) Naphthalene	15.385	128	577149	47.955	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	280446	51.878	ug/l	99

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ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

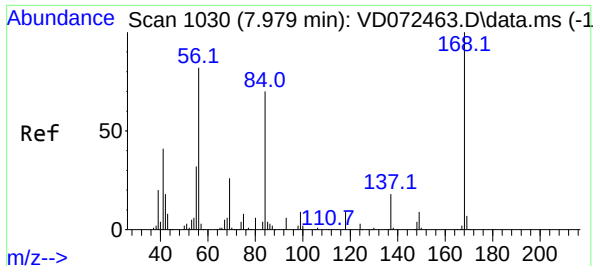
Manual Integrations
APPROVED

Reviewed By : John Carlone 04/12/2022
Supervised By : Mahesh Dadoda 04/12/2022

Quant Time: Apr 12 01:00:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
Quant Title : SW846 8260
QLast Update : Wed Mar 30 02:44:36 2022
Response via : Initial Calibration

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



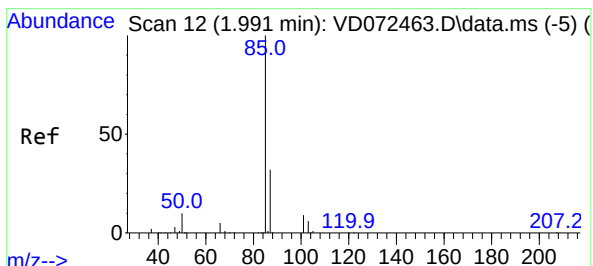
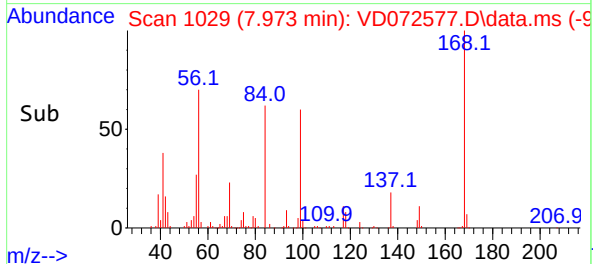
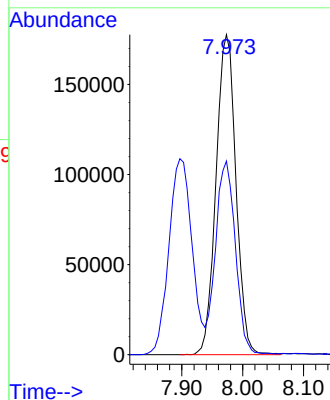
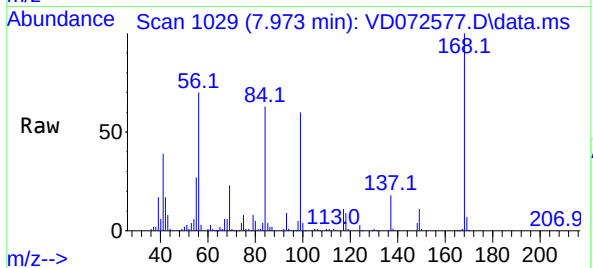
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD072577.D
Acq: 11 Apr 2022 09:52

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:168 Resp: 403624
Ion Ratio Lower Upper
168 100
99 60.2 49.8 74.6

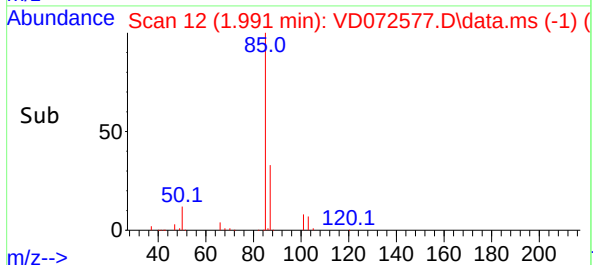
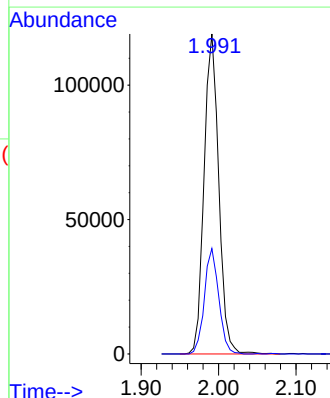
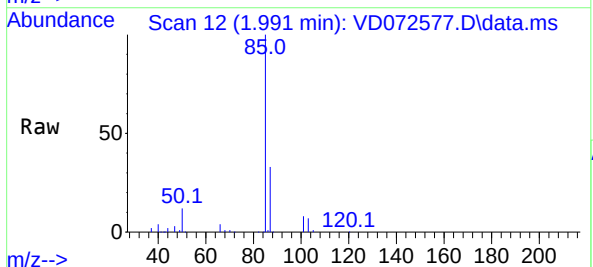
Manual Integrations
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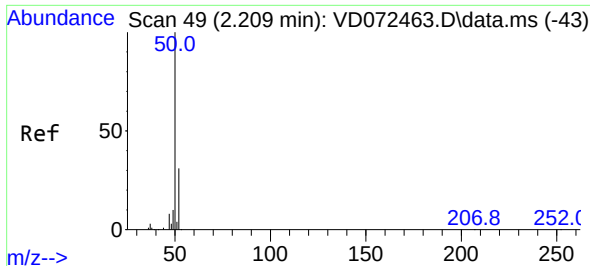
Reviewed By :John Carlone 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022



Dichlorodifluoromethane
Concen: 48.873 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD072577.D
Acq: 11 Apr 2022 09:52

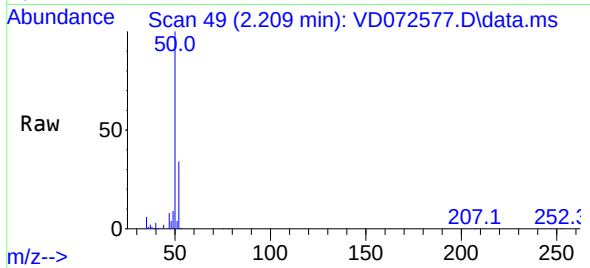
Tgt Ion: 85 Resp: 156556
Ion Ratio Lower Upper
85 100
87 33.0 15.7 47.0





#3
Chloromethane
Concen: 52.294 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD072577.D
Acq: 11 Apr 2022 09:52

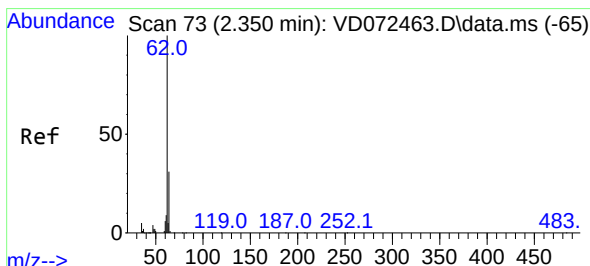
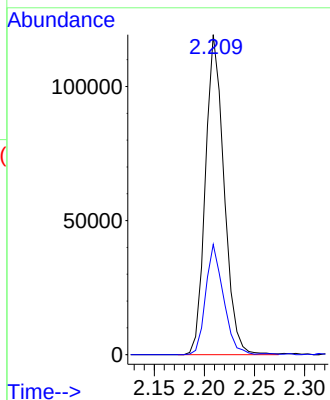
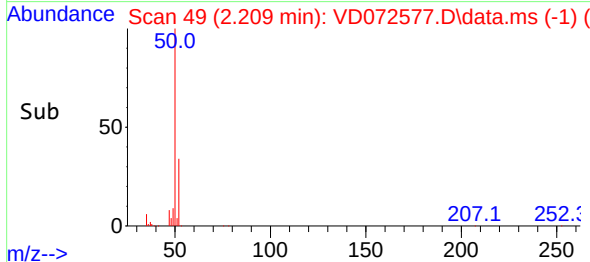
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



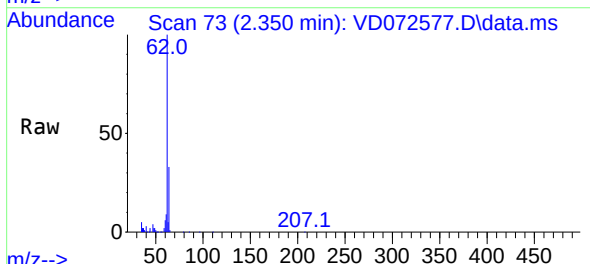
Tgt Ion: 50 Resp: 154939
Ion Ratio Lower Upper
50 100
52 34.5 27.4 41.0

Manual Integrations
APPROVED

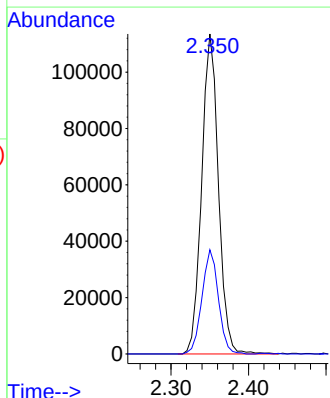
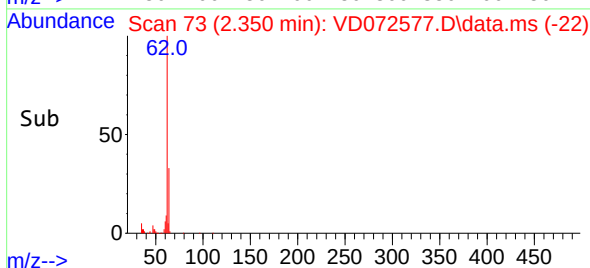
Reviewed By :John Carlone 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022

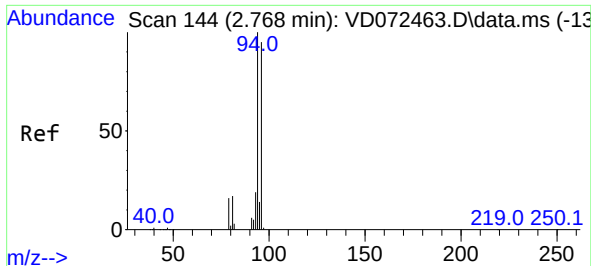


#4
Vinyl Chloride
Concen: 49.995 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD072577.D
Acq: 11 Apr 2022 09:52



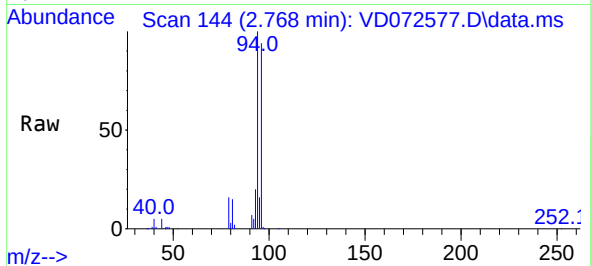
Tgt Ion: 62 Resp: 170257
Ion Ratio Lower Upper
62 100
64 32.5 25.4 38.0





#5
Bromomethane
Concen: 54.304 ug/l
RT: 2.768 min Scan# 144
Delta R.T. 0.000 min
Lab File: VD072577.D
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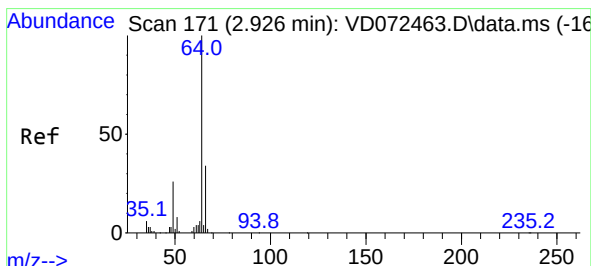
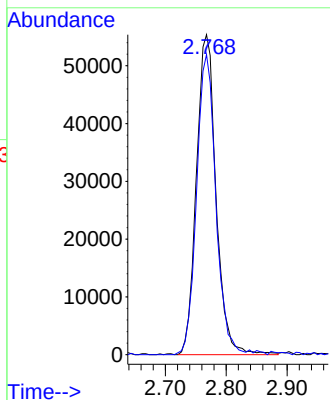
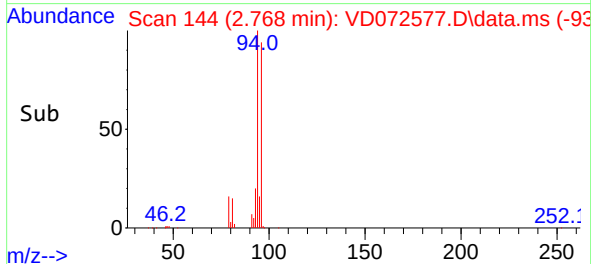
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



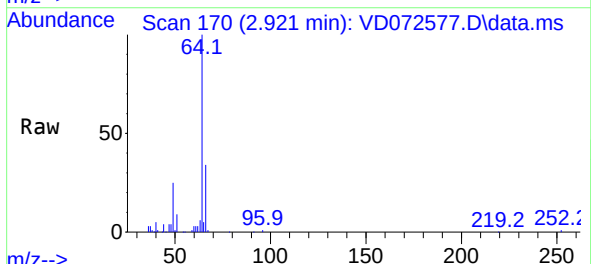
Tgt Ion: 94 Resp: 12398
Ion Ratio Lower Upper
94 100
96 93.2 77.6 116.4

Manual Integrations
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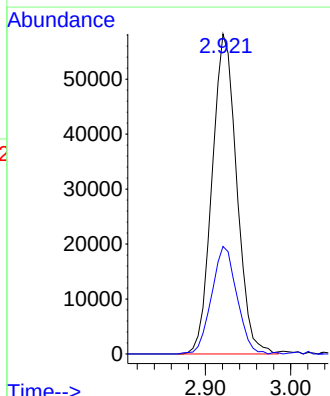
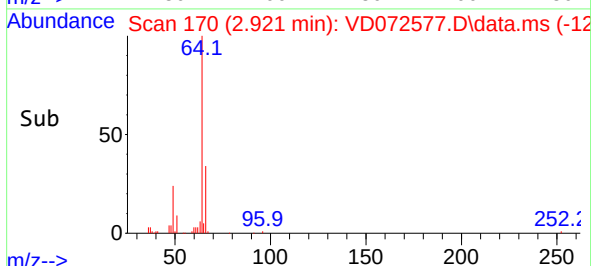
Reviewed By :John Carlone 04/12/2022
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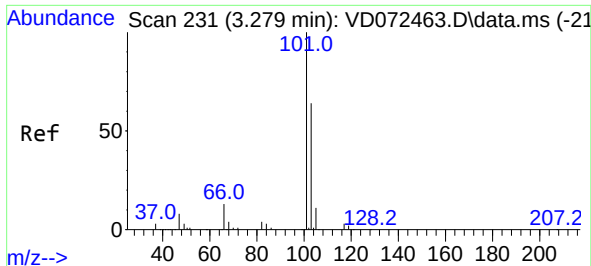


#6
Chloroethane
Concen: 53.559 ug/l
RT: 2.921 min Scan# 170
Delta R.T. -0.006 min
Lab File: VD072577.D
Acq: 11 Apr 2022 09:52



Tgt Ion: 64 Resp: 116878
Ion Ratio Lower Upper
64 100
66 33.6 25.9 38.9





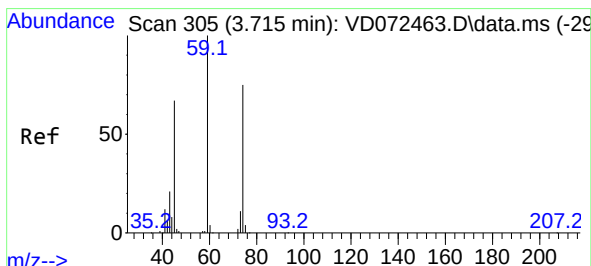
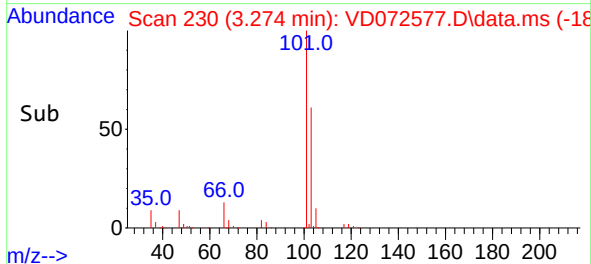
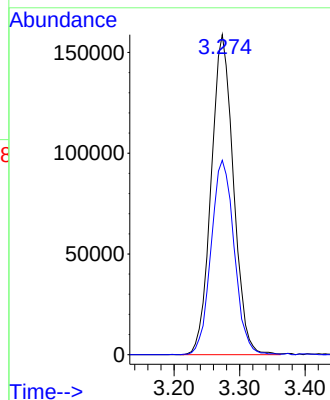
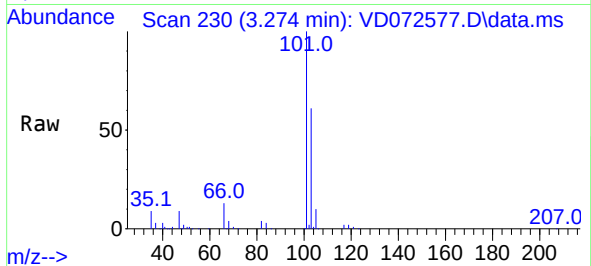
#7
Trichlorofluoromethane
Concen: 53.907 ug/l
RT: 3.274 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD072577.D
Acq: 11 Apr 2022 09:52

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 374809
Ion Ratio Lower Upper
101 100
103 60.7 50.1 75.1

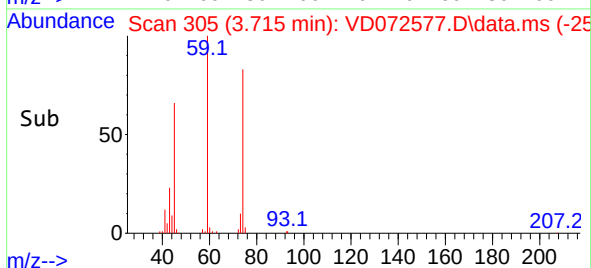
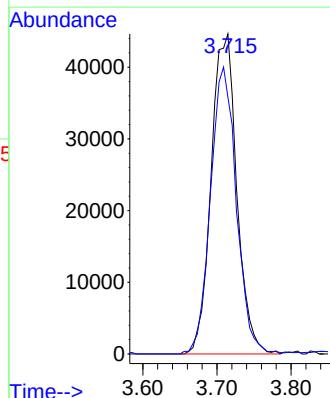
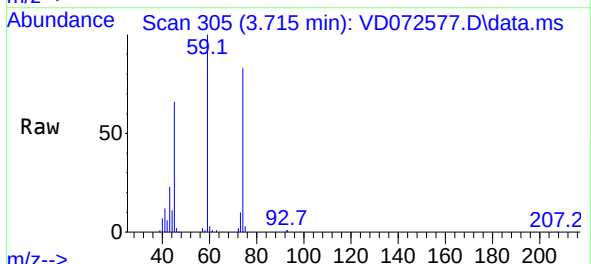
Manual Integrations
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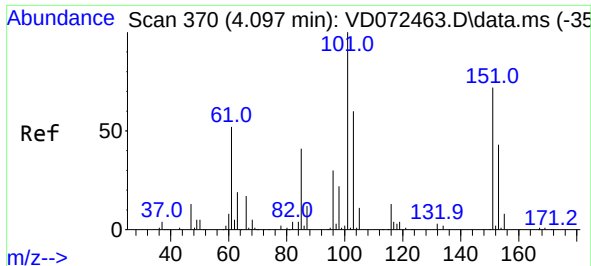
Reviewed By :John Carlone 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022



#8
Diethyl Ether
Concen: 51.858 ug/l
RT: 3.715 min Scan# 305
Delta R.T. 0.000 min
Lab File: VD072577.D
Acq: 11 Apr 2022 09:52

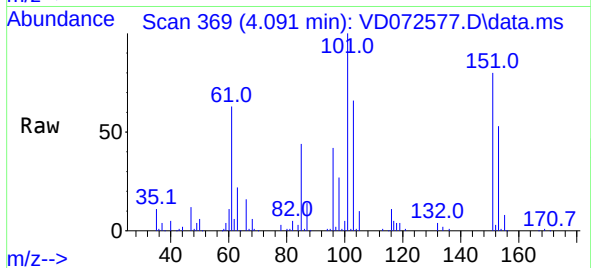
Tgt Ion: 74 Resp: 107150
Ion Ratio Lower Upper
74 100
45 90.6 52.6 157.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.908 ug/l
RT: 4.091 min Scan# 30
Delta R.T. -0.006 min
Lab File: VD072577.D
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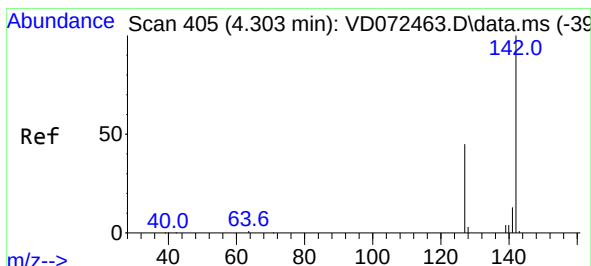
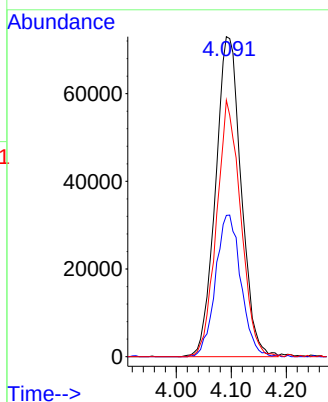
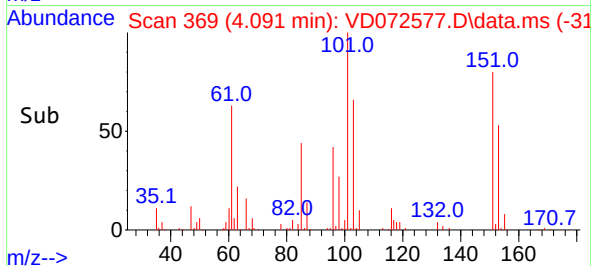
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



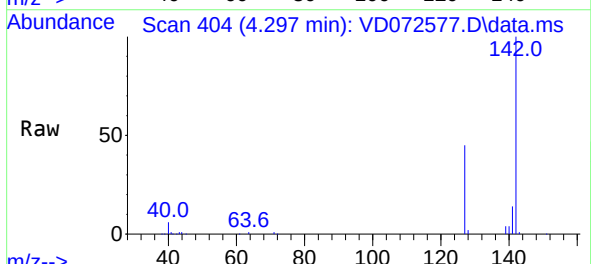
Tgt Ion:101 Resp: 23606
Ion Ratio Lower Upper
101 100
85 43.9 36.4 54.6
151 75.8 57.3 85.9

Manual Integrations
APPROVED

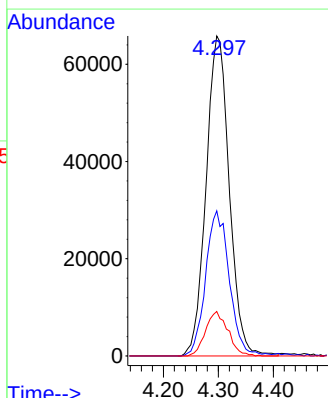
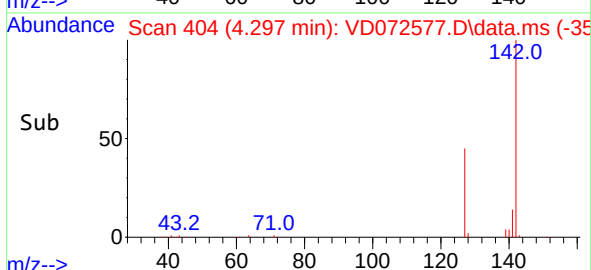
Reviewed By :John Carlone 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022

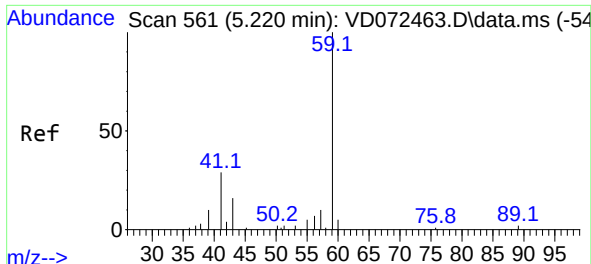


#10
Methyl Iodide
Concen: 45.092 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD072577.D
Acq: 11 Apr 2022 09:52



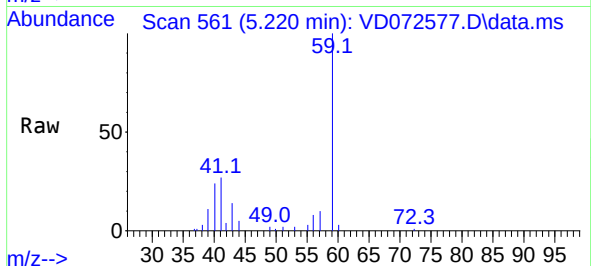
Tgt Ion:142 Resp: 193190
Ion Ratio Lower Upper
142 100
127 46.3 37.3 55.9
141 13.4 11.7 17.5





#11
Tert butyl alcohol
Concen: 240.372 ug/l
RT: 5.220 min Scan# 561
Delta R.T. 0.000 min
Lab File: VD072577.D
Acq: 11 Apr 2022 09:52

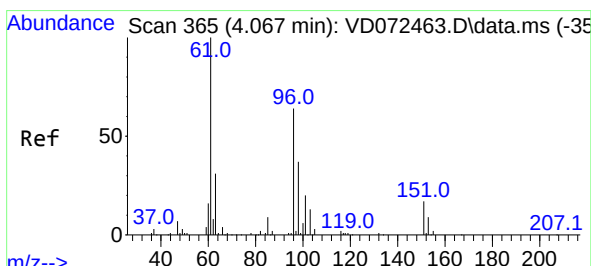
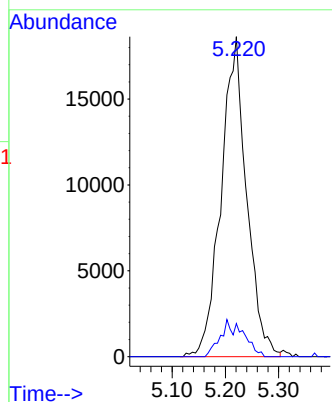
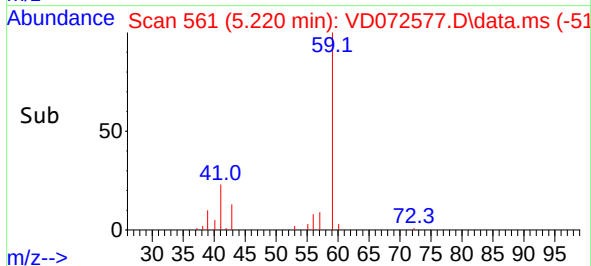
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



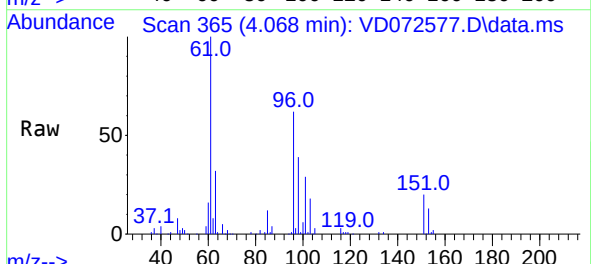
Tgt Ion: 59 Resp: 61979
Ion Ratio Lower Upper
59 100
57 5.6 7.8 11.6

Manual Integrations
APPROVED

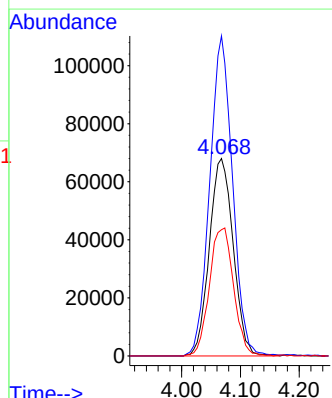
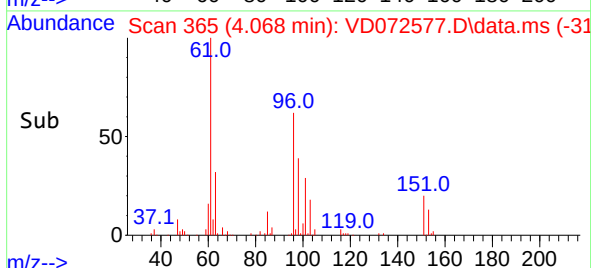
Reviewed By :John Carlone 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022

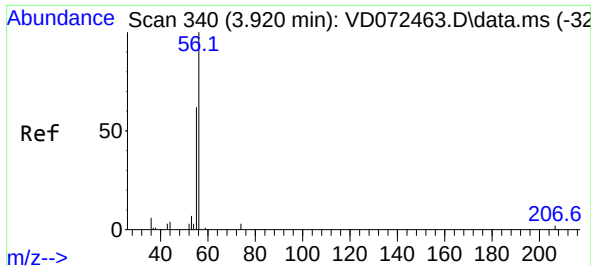


#12
1,1-Dichloroethene
Concen: 53.003 ug/l
RT: 4.068 min Scan# 365
Delta R.T. 0.000 min
Lab File: VD072577.D
Acq: 11 Apr 2022 09:52



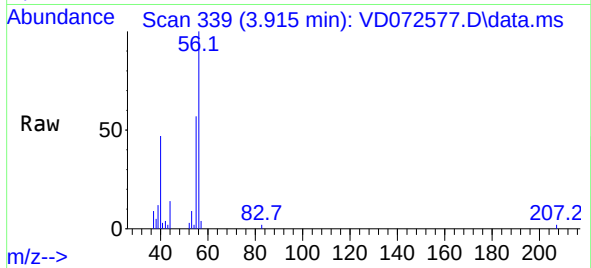
Tgt Ion: 96 Resp: 192152
Ion Ratio Lower Upper
96 100
61 162.0 138.5 207.7
98 63.9 48.6 73.0





#13
Acrolein
Concen: 180.462 ug/l
RT: 3.915 min Scan# 31
Delta R.T. -0.005 min
Lab File: VD072577.D
Acq: 11 Apr 2022 09:52

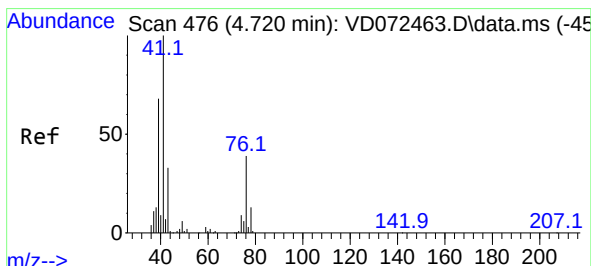
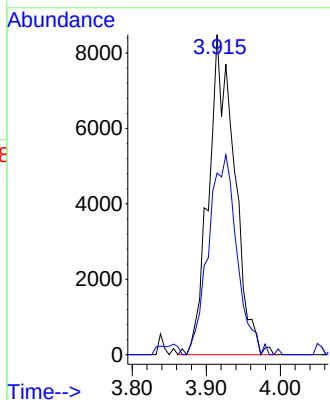
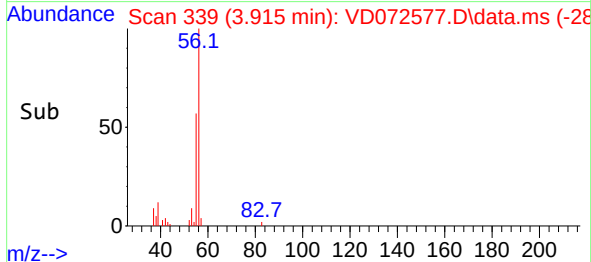
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



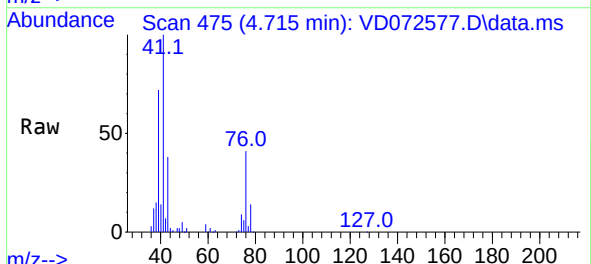
Tgt Ion: 56 Resp: 20649
Ion Ratio Lower Upper
56 100
55 68.3 57.1 85.7

Manual Integrations
APPROVED

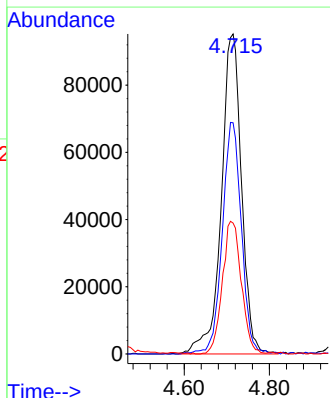
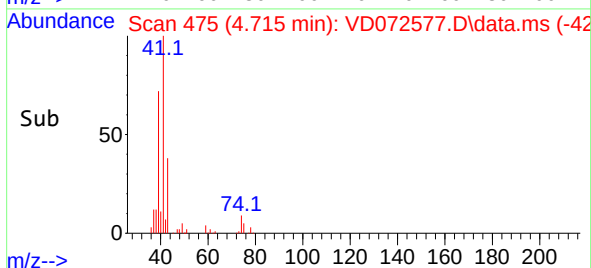
Reviewed By :John Carlone 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022

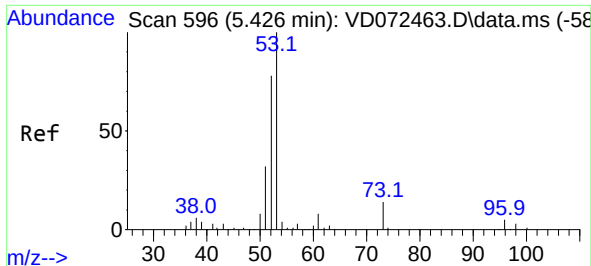


#14
Allyl chloride
Concen: 49.317 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.005 min
Lab File: VD072577.D
Acq: 11 Apr 2022 09:52



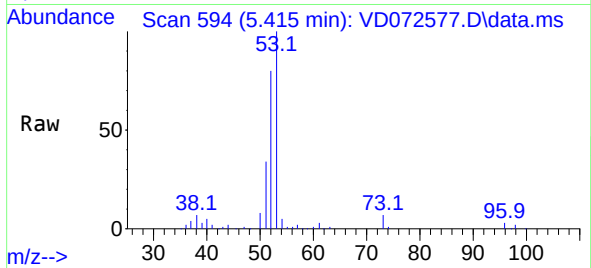
Tgt Ion: 41 Resp: 313849
Ion Ratio Lower Upper
41 100
39 68.4 59.3 88.9
76 38.9 25.7 38.5#





#15
Acrylonitrile
Concen: 248.762 ug/l
RT: 5.415 min Scan# 596
Delta R.T. -0.012 min
Lab File: VD072577.D
Acq: 11 Apr 2022 09:52

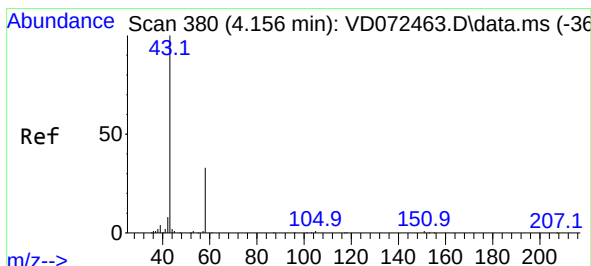
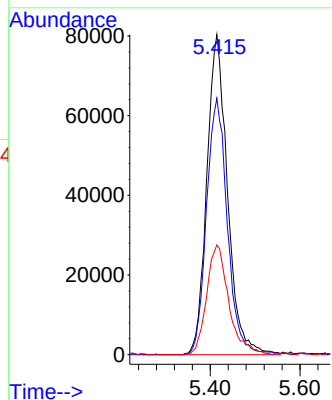
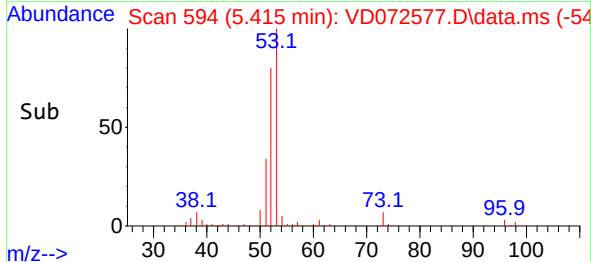
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



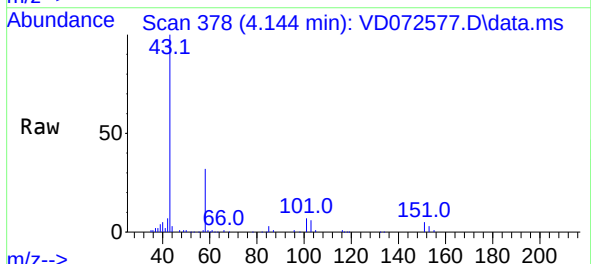
Tgt Ion: 53 Resp: 25705
Ion Ratio Lower Upper
53 100
52 81.0 67.2 100.8
51 36.8 30.3 45.5

Manual Integrations
APPROVED

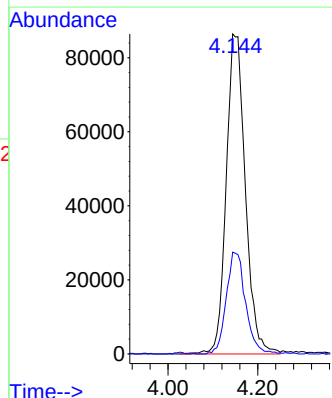
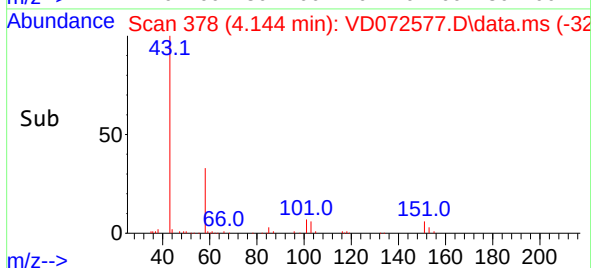
Reviewed By :John Carlone 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022

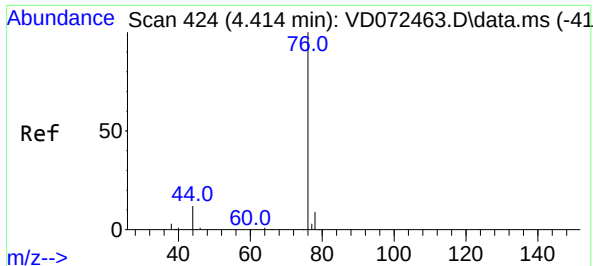


#16
Acetone
Concen: 281.324 ug/l
RT: 4.144 min Scan# 378
Delta R.T. -0.012 min
Lab File: VD072577.D
Acq: 11 Apr 2022 09:52



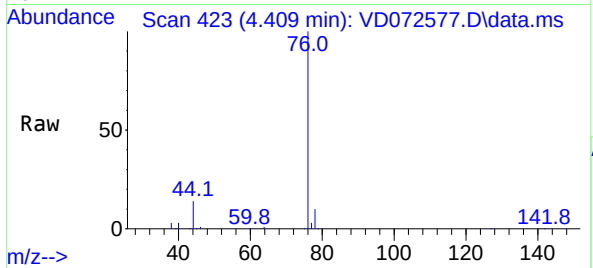
Tgt Ion: 43 Resp: 256131
Ion Ratio Lower Upper
43 100
58 31.5 22.1 33.1





#17
Carbon Disulfide
Concen: 49.828 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.005 min
Lab File: VD072577.D
Acq: 11 Apr 2022 09:52

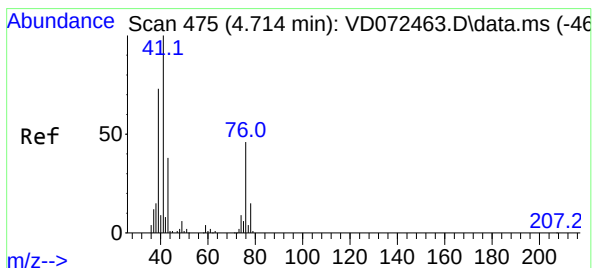
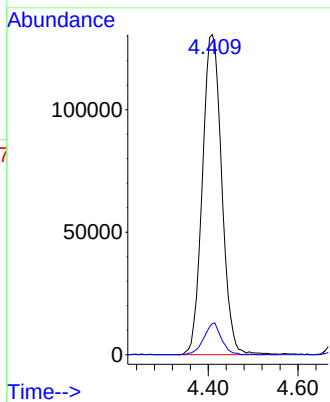
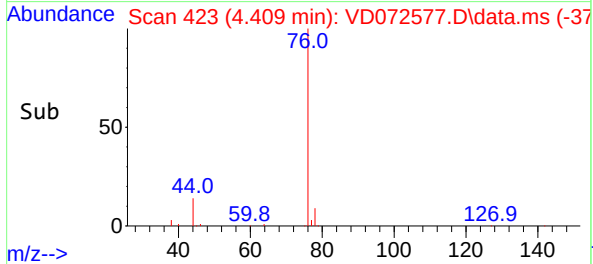
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 391118
Ion Ratio Lower Upper
76 100
78 9.7 7.5 11.3

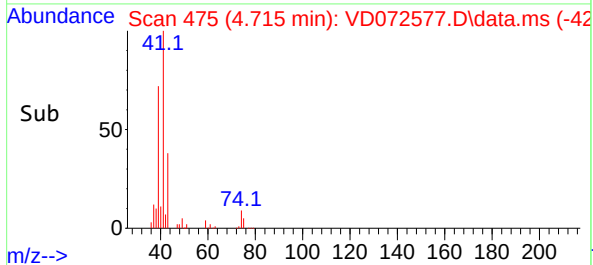
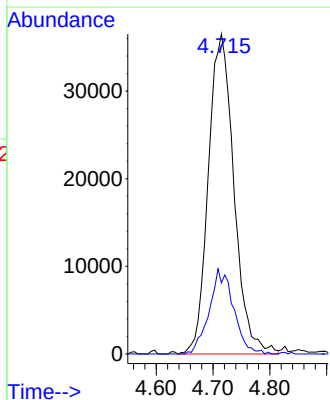
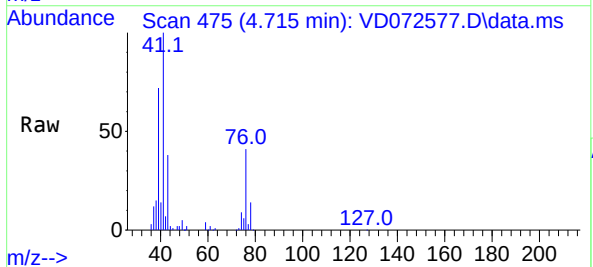
Manual Integrations
APPROVED

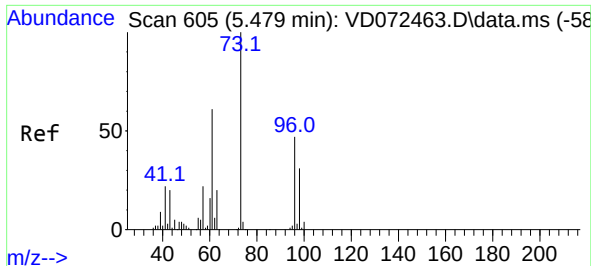
Reviewed By :John Carlone 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022



#18
Methyl Acetate
Concen: 44.617 ug/l
RT: 4.715 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD072577.D
Acq: 11 Apr 2022 09:52

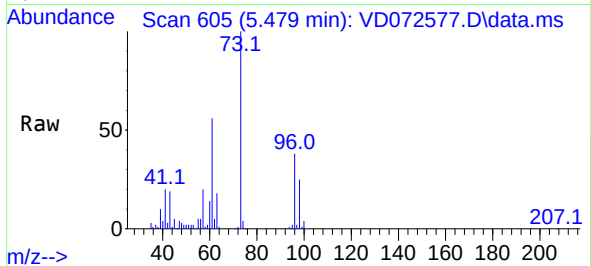
Tgt Ion: 43 Resp: 114441
Ion Ratio Lower Upper
43 100
74 25.2 16.7 25.1#





#19
Methyl tert-butyl Ether
Concen: 51.954 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.000 min
Lab File: VD072577.D
Acq: 11 Apr 2022 09:52

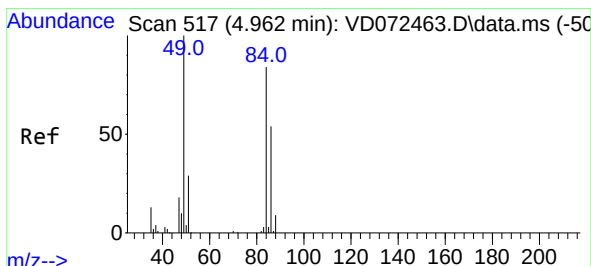
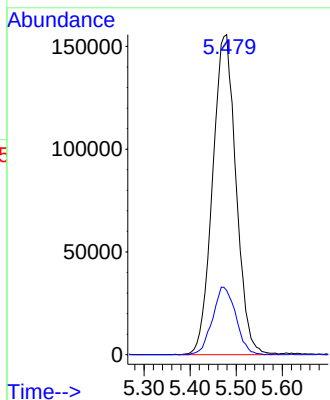
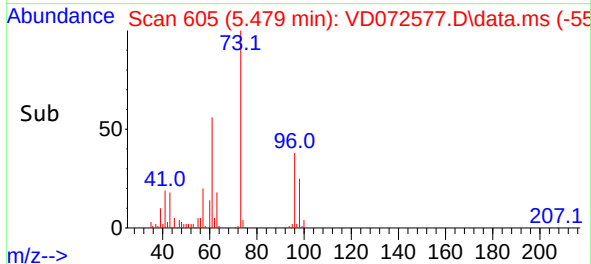
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



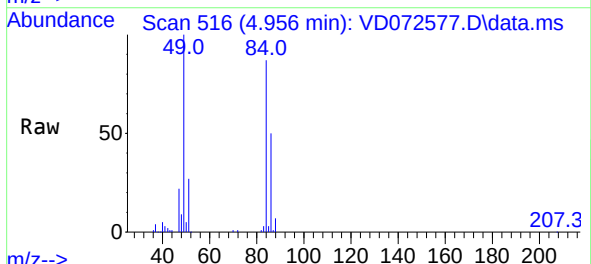
Tgt Ion: 73 Resp: 549744
Ion Ratio Lower Upper
73 100
57 20.1 18.0 27.0

Manual Integrations
APPROVED

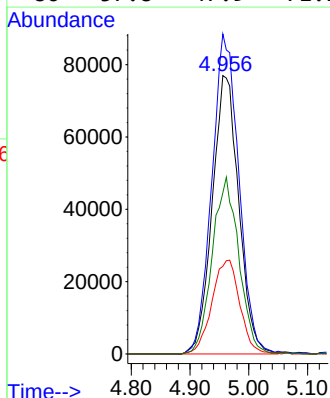
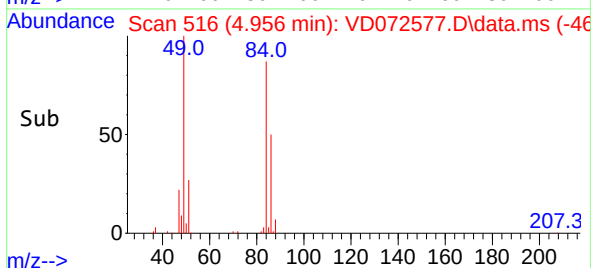
Reviewed By :John Carlone 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022

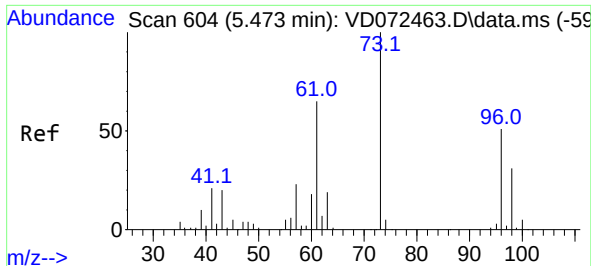


#20
Methylene Chloride
Concen: 44.523 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD072577.D
Acq: 11 Apr 2022 09:52



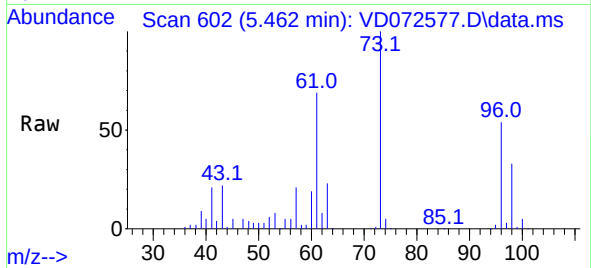
Tgt Ion: 84 Resp: 241319
Ion Ratio Lower Upper
84 100
49 114.9 112.8 169.2
51 31.5 32.6 48.8#
86 57.8 47.9 71.9





#21
trans-1,2-Dichloroethene
Concen: 49.449 ug/l
RT: 5.462 min Scan# 604
Delta R.T. -0.011 min
Lab File: VD072577.D
Acq: 11 Apr 2022 09:52

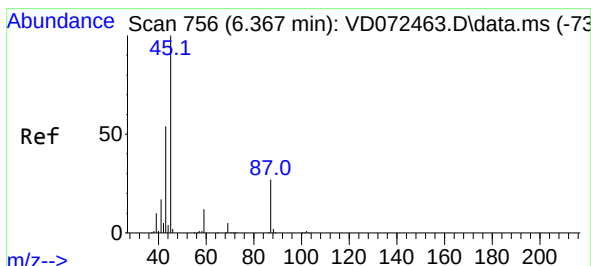
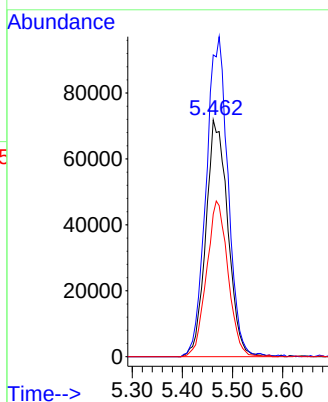
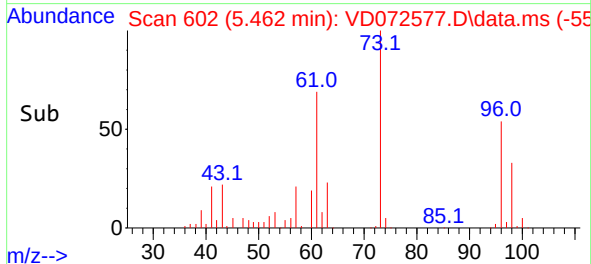
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 21876
Ion Ratio Lower Upper
96 100
61 127.4 117.9 176.9
98 60.2 49.4 74.2

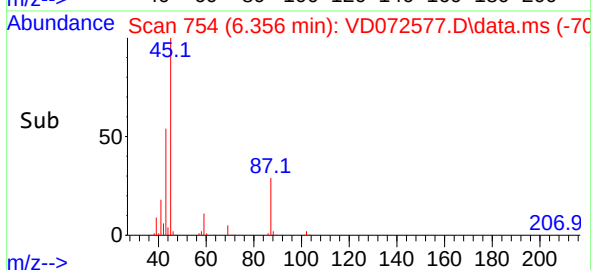
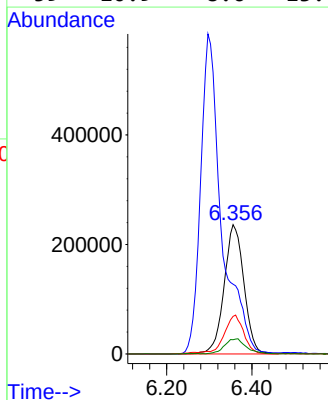
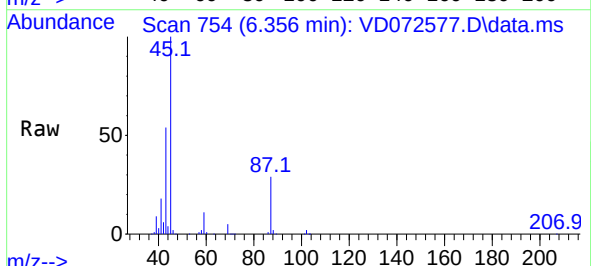
Manual Integrations
APPROVED

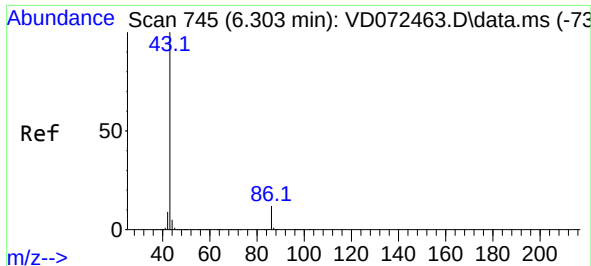
Reviewed By :John Carlone 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022



#22
Diisopropyl ether
Concen: 52.422 ug/l
RT: 6.356 min Scan# 754
Delta R.T. -0.012 min
Lab File: VD072577.D
Acq: 11 Apr 2022 09:52

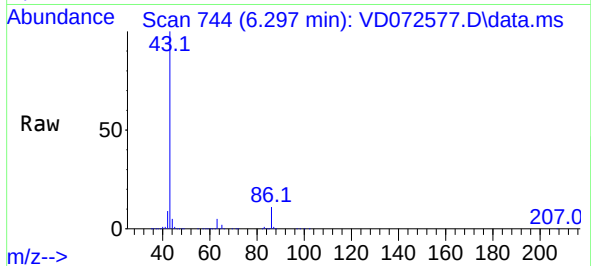
Tgt Ion: 45 Resp: 763550
Ion Ratio Lower Upper
45 100
43 53.8 46.6 70.0
87 28.9 18.4 27.6#
59 10.9 8.6 13.0





#23
 Vinyl Acetate
 Concen: 254.998 ug/l
 RT: 6.297 min Scan# 744
 Delta R.T. -0.006 min
 Lab File: VD072577.D
 Acq: 11 Apr 2022 09:52

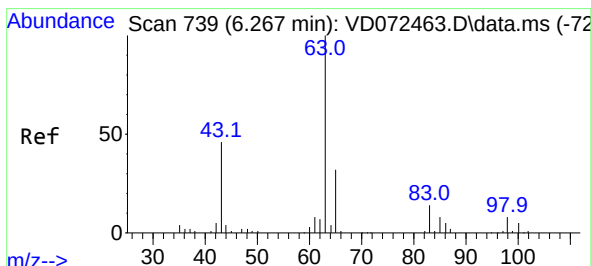
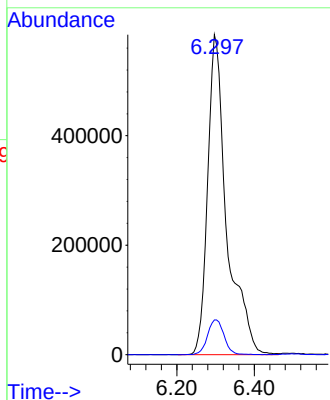
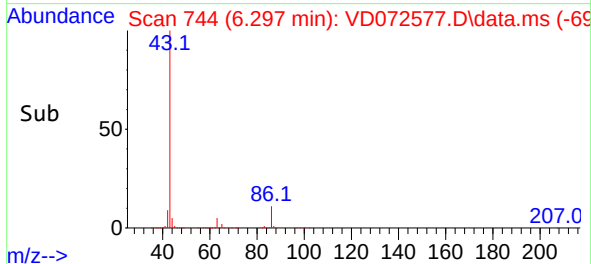
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



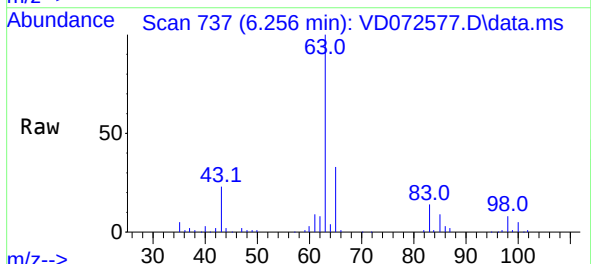
Tgt Ion: 43 Resp: 199870
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.1 10.7

Manual Integrations
 APPROVED

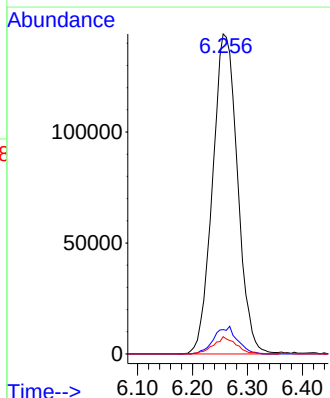
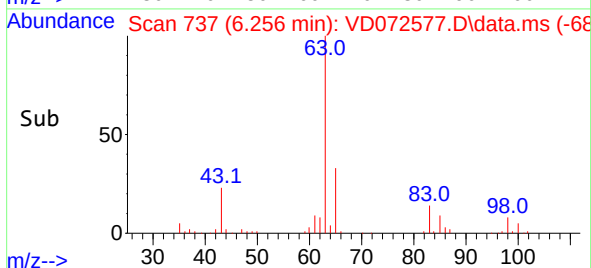
Reviewed By :John Carlone 04/12/2022
 Supervised By :Mahesh Dadoda 04/12/2022

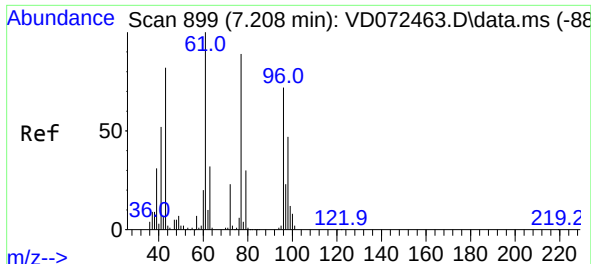


#24
 1,1-Dichloroethane
 Concen: 51.891 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. -0.012 min
 Lab File: VD072577.D
 Acq: 11 Apr 2022 09:52



Tgt Ion: 63 Resp: 455446
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.6 10.9
 100 5.4 2.1 6.5





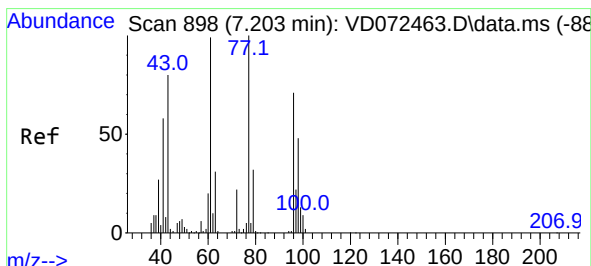
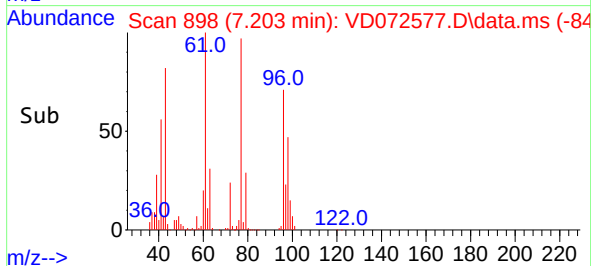
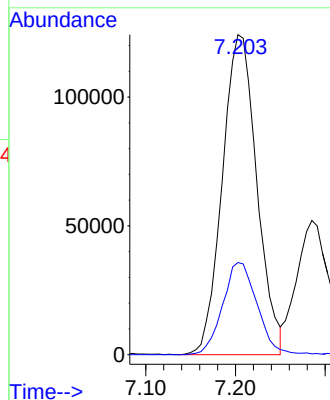
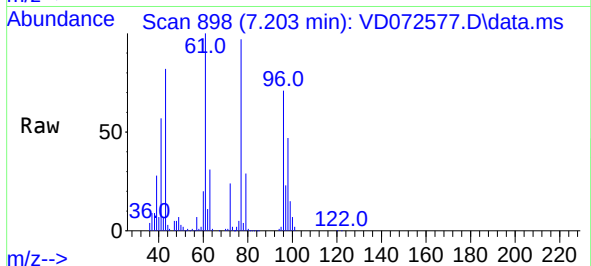
#25
2-Butanone
Concen: 263.769 ug/l
RT: 7.203 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD072577.D
Acq: 11 Apr 2022 09:52

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 33213
Ion Ratio Lower Upper
43 100
72 28.8 18.6 27.8

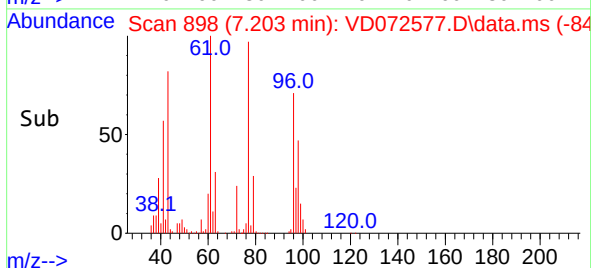
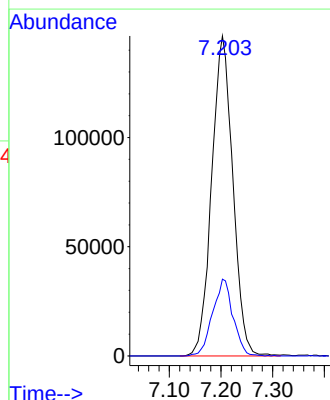
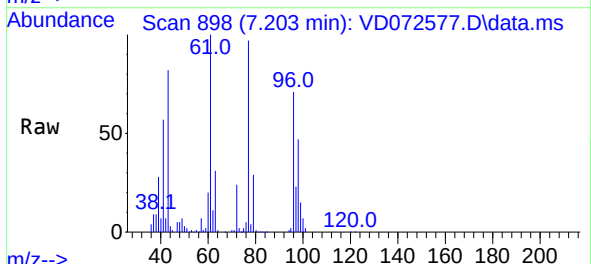
Manual Integrations
APPROVED

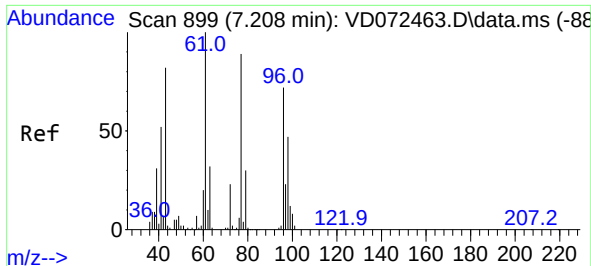
Reviewed By :John Carlone 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022



#26
2,2-Dichloropropane
Concen: 53.450 ug/l
RT: 7.203 min Scan# 898
Delta R.T. 0.000 min
Lab File: VD072577.D
Acq: 11 Apr 2022 09:52

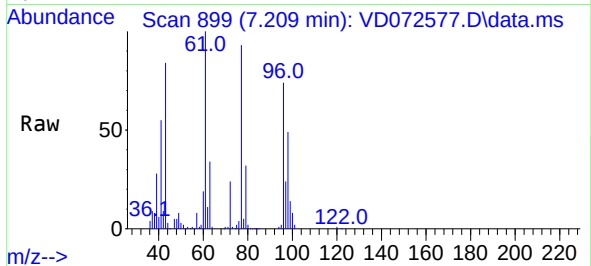
Tgt Ion: 77 Resp: 416687
Ion Ratio Lower Upper
77 100
97 23.1 10.8 32.4





#27
cis-1,2-Dichloroethene
Concen: 51.246 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD072577.D
Acq: 11 Apr 2022 09:52

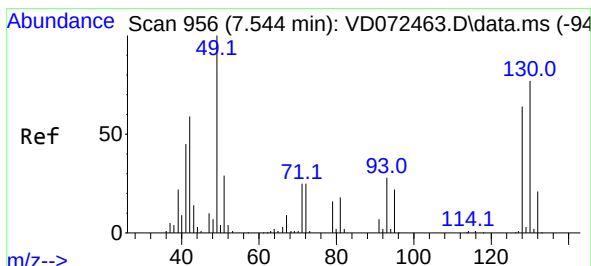
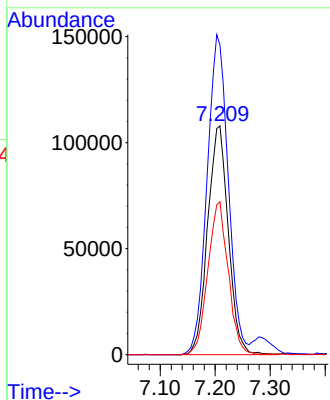
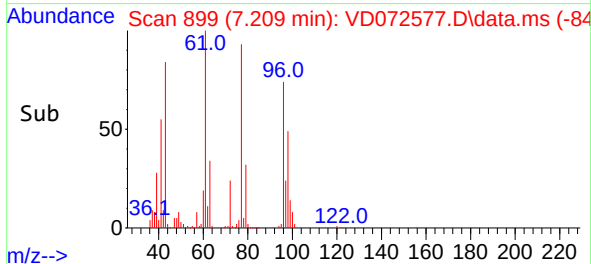
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



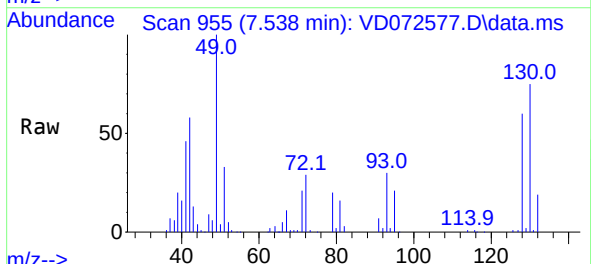
Tgt Ion: 96 Resp: 282072
Ion Ratio Lower Upper
96 100
61 143.3 0.0 313.8
98 65.8 0.0 128.8

Manual Integrations
APPROVED

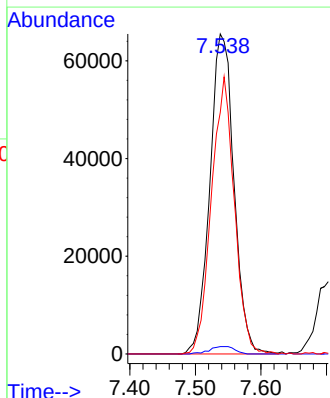
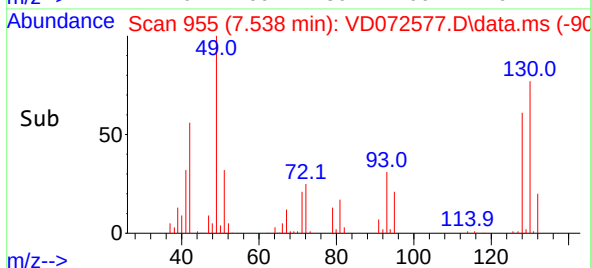
Reviewed By :John Carlone 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022

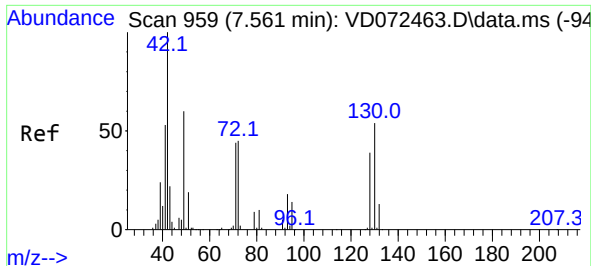


#28
Bromochloromethane
Concen: 44.460 ug/l
RT: 7.538 min Scan# 955
Delta R.T. -0.006 min
Lab File: VD072577.D
Acq: 11 Apr 2022 09:52



Tgt Ion: 49 Resp: 167200
Ion Ratio Lower Upper
49 100
129 2.4 0.0 4.0
130 82.3 52.6 79.0#





#29

Tetrahydrofuran

Concen: 252.507 ug/l

RT: 7.556 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD072577.D

Acq: 11 Apr 2022 09:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 191960

Ion Ratio Lower Upper

42 100

72 44.3 30.7 46.1

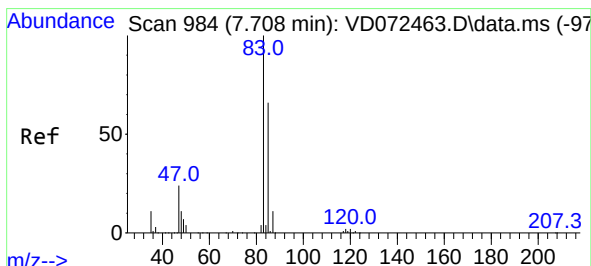
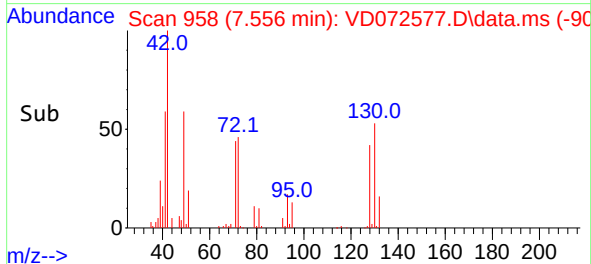
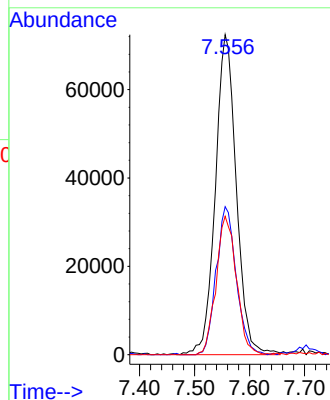
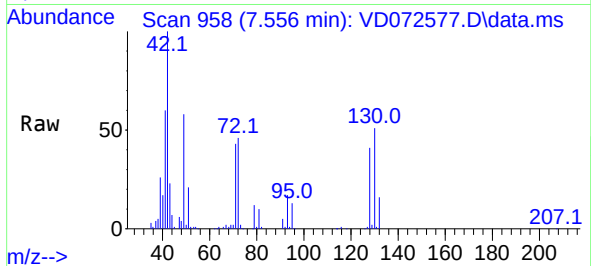
71 41.8 28.6 43.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/12/2022

Supervised By :Mahesh Dadoda 04/12/2022



#30

Chloroform

Concen: 50.818 ug/l

RT: 7.703 min Scan# 983

Delta R.T. -0.006 min

Lab File: VD072577.D

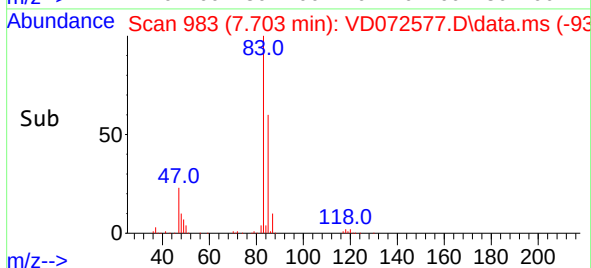
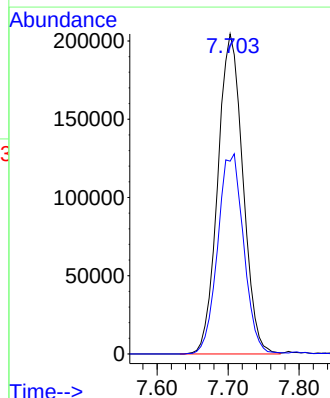
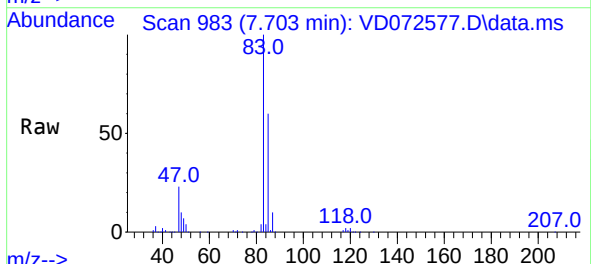
Acq: 11 Apr 2022 09:52

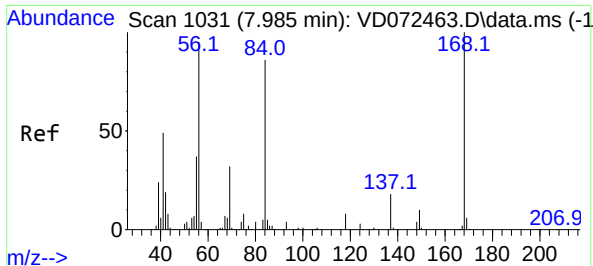
Tgt Ion: 83 Resp: 501737

Ion Ratio Lower Upper

83 100

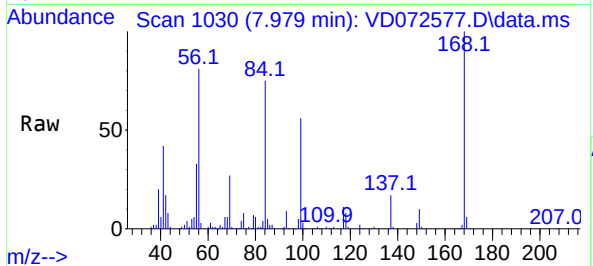
85 60.2 52.7 79.1





#31
Cyclohexane
Concen: 52.449 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072577.D
Acq: 11 Apr 2022 09:52

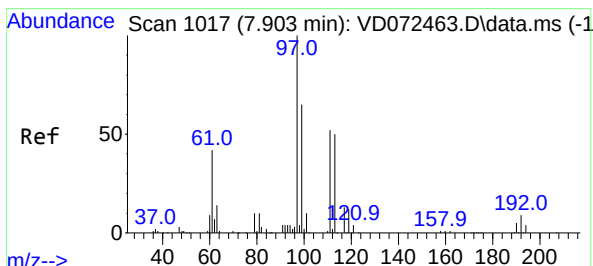
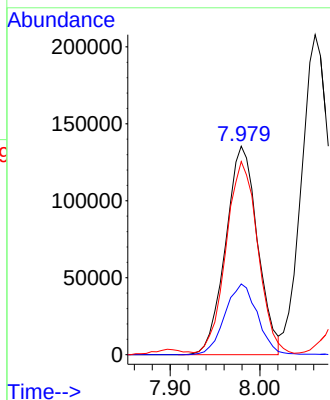
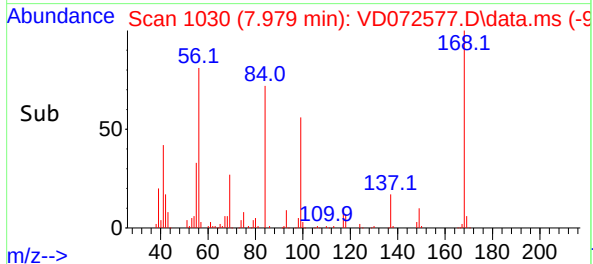
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



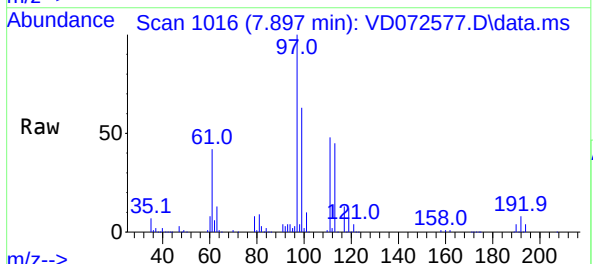
Tgt Ion: 56 Resp: 33485
Ion Ratio Lower Upper
56 100
69 33.9 25.4 38.2
84 90.7 63.0 94.4

Manual Integrations
APPROVED

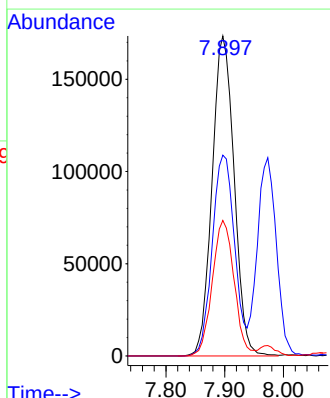
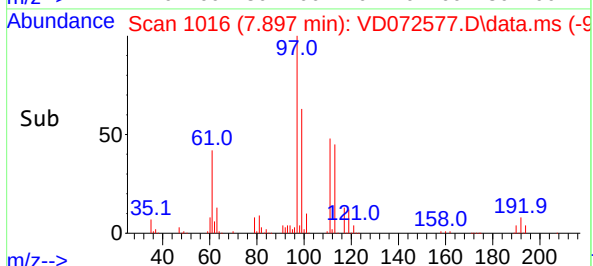
Reviewed By :John Carlone 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022

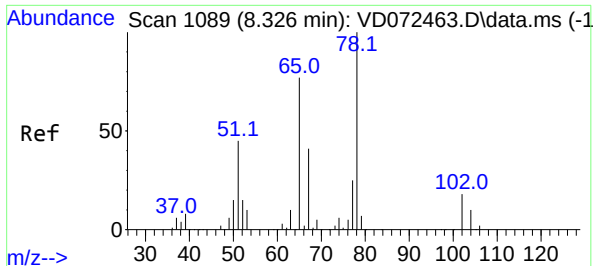


#32
1,1,1-Trichloroethane
Concen: 53.920 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VD072577.D
Acq: 11 Apr 2022 09:52



Tgt Ion: 97 Resp: 451524
Ion Ratio Lower Upper
97 100
99 64.0 52.4 78.6
61 41.9 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 45.241 ug/l

RT: 8.320 min Scan# 1107

Delta R.T. -0.006 min

Lab File: VD072577.D

Acq: 11 Apr 2022 09:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 22089

Ion Ratio Lower Upper

65 100

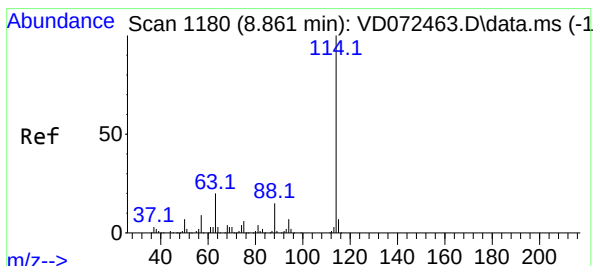
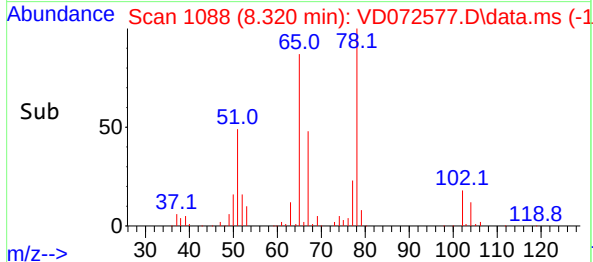
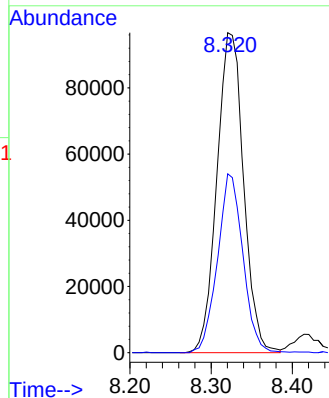
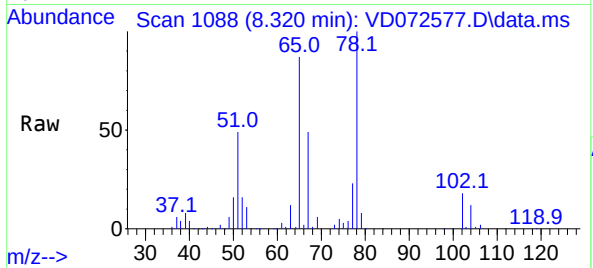
67 53.2 0.0 101.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/12/2022

Supervised By :Mahesh Dadoda 04/12/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD072577.D

Acq: 11 Apr 2022 09:52

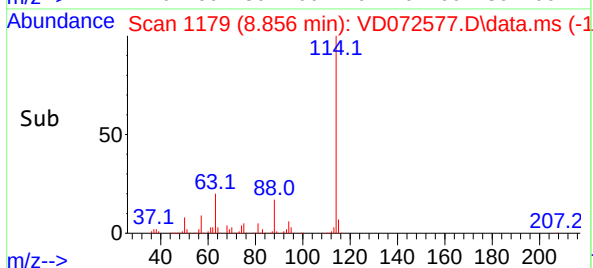
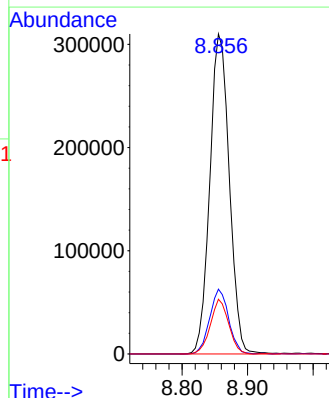
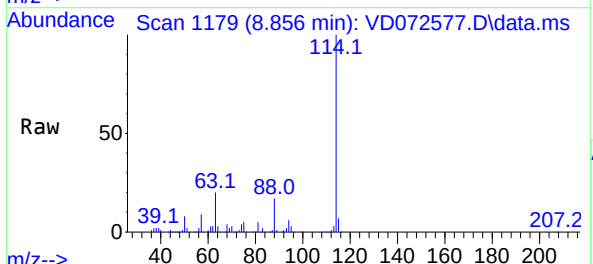
Tgt Ion:114 Resp: 640058

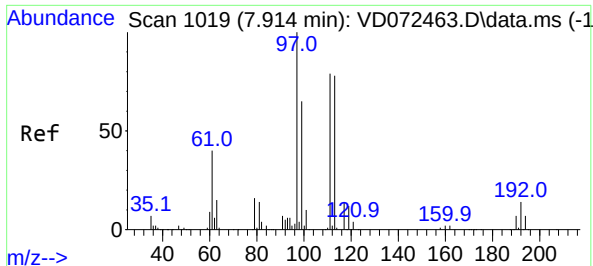
Ion Ratio Lower Upper

114 100

63 20.3 0.0 46.6

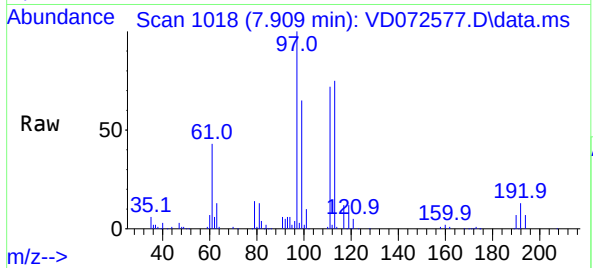
88 17.1 0.0 33.2





#35
Dibromofluoromethane
Concen: 48.804 ug/l
RT: 7.909 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD072577.D
Acq: 11 Apr 2022 09:52

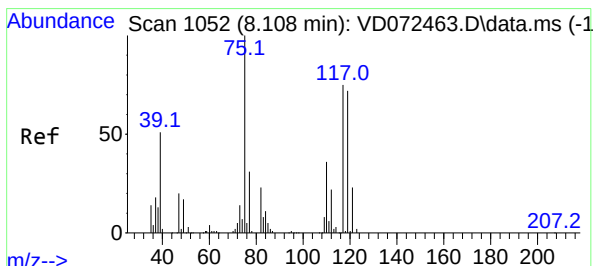
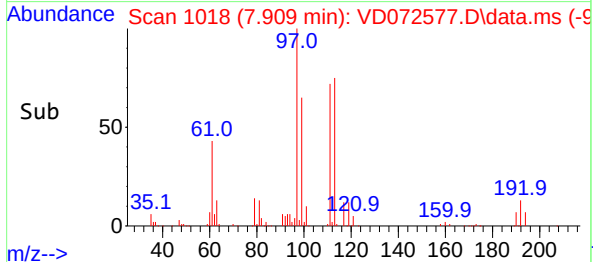
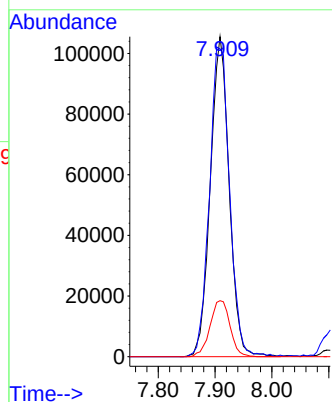
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 242759
Ion Ratio Lower Upper
113 100
111 103.6 83.8 125.6
192 18.6 14.6 21.8

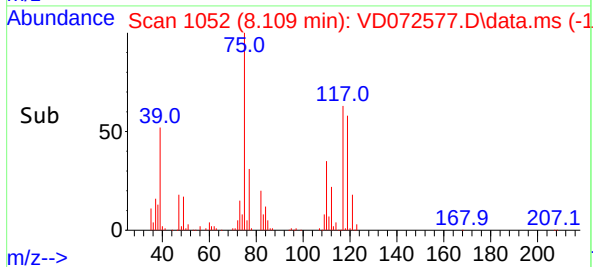
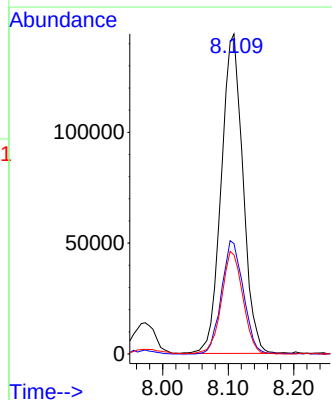
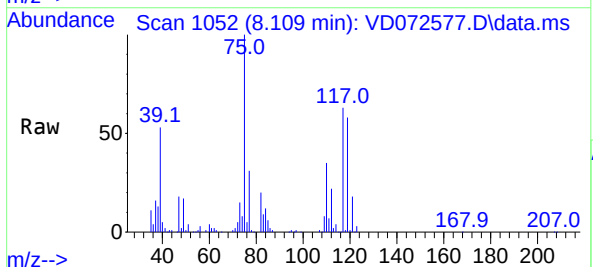
Manual Integrations
APPROVED

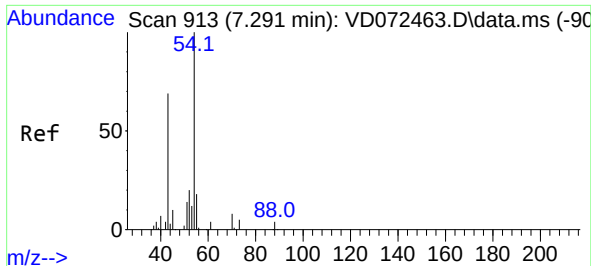
Reviewed By :John Carlone 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022



#36
1,1-Dichloropropene
Concen: 51.913 ug/l
RT: 8.109 min Scan# 1052
Delta R.T. 0.001 min
Lab File: VD072577.D
Acq: 11 Apr 2022 09:52

Tgt Ion: 75 Resp: 330269
Ion Ratio Lower Upper
75 100
110 35.7 16.4 49.1
77 31.8 24.2 36.2





#37

Ethyl Acetate

Concen: 51.054 ug/l

RT: 7.285 min Scan# 913

Delta R.T. -0.006 min

Lab File: VD072577.D

Acq: 11 Apr 2022 09:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 134560

Ion Ratio Lower Upper

43 100

61 15.5 9.8 14.8

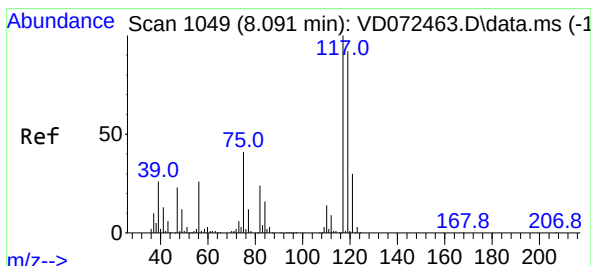
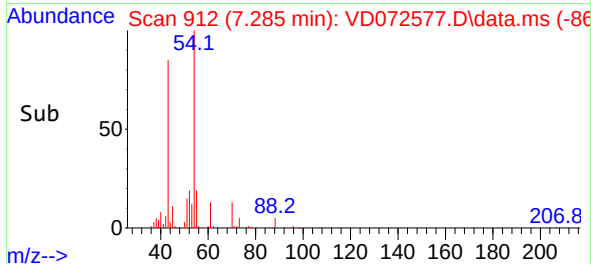
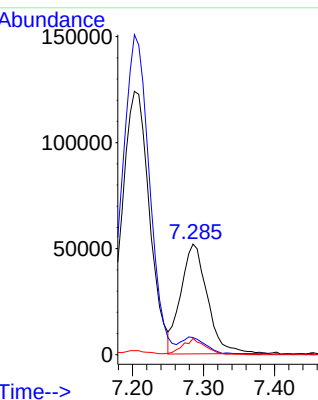
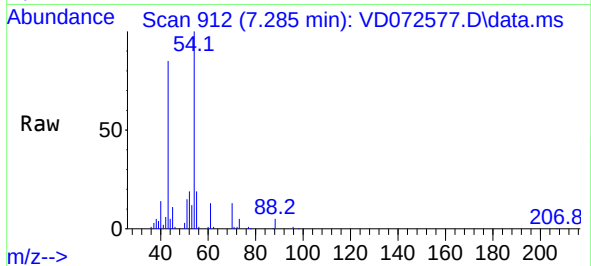
70 12.7 6.9 10.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/12/2022

Supervised By :Mahesh Dadoda 04/12/2022



#38

Carbon Tetrachloride

Concen: 55.858 ug/l

RT: 8.091 min Scan# 1049

Delta R.T. 0.000 min

Lab File: VD072577.D

Acq: 11 Apr 2022 09:52

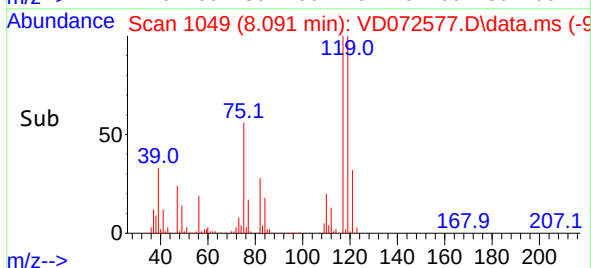
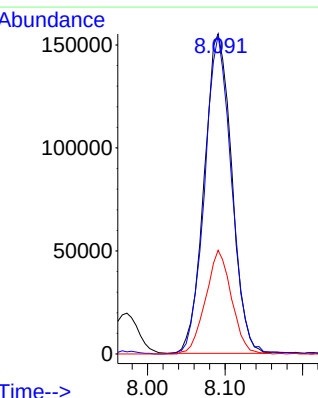
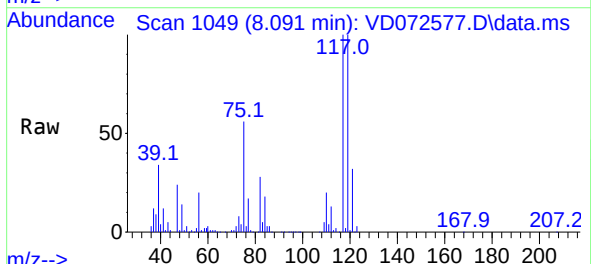
Tgt Ion:117 Resp: 382776

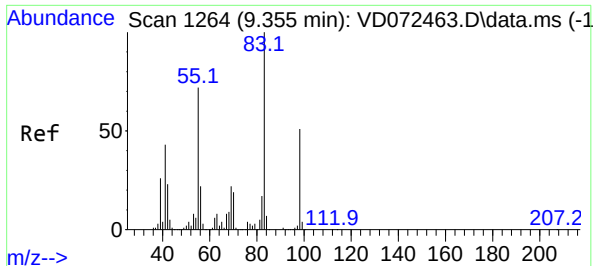
Ion Ratio Lower Upper

117 100

119 99.7 75.8 113.6

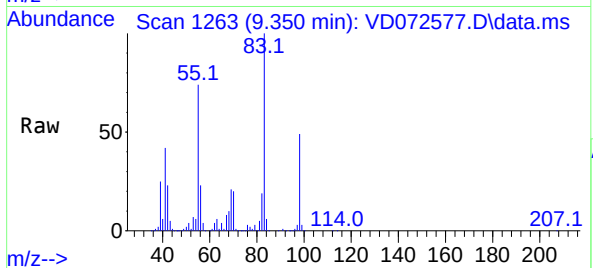
121 32.5 24.5 36.7





#39
Methylcyclohexane
Concen: 50.805 ug/l
RT: 9.350 min Scan# 11
Delta R.T. -0.005 min
Lab File: VD072577.D
Acq: 11 Apr 2022 09:52

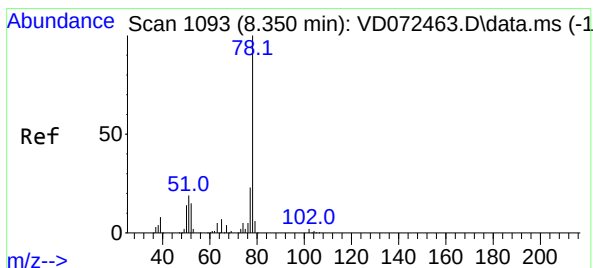
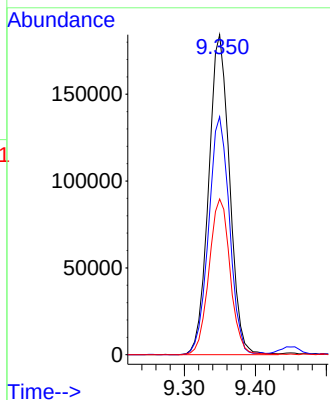
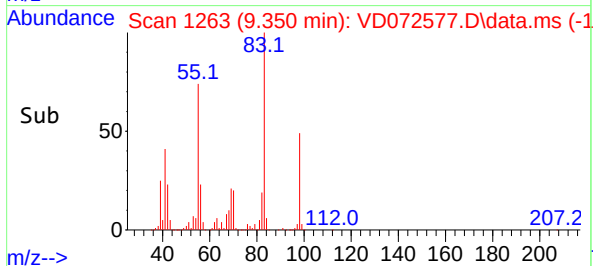
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



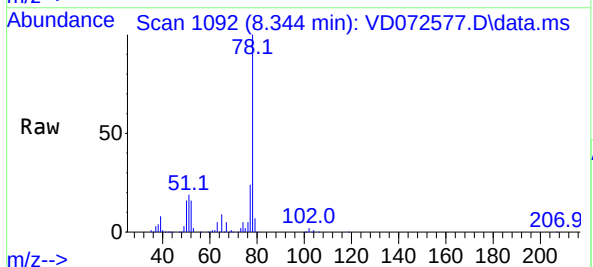
Tgt Ion: 83 Resp: 376468
Ion Ratio Lower Upper
83 100
55 74.3 63.2 94.8
98 48.7 38.2 57.4

Manual Integrations
APPROVED

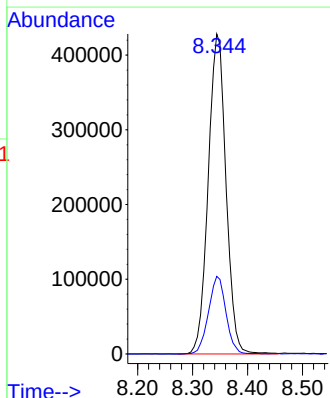
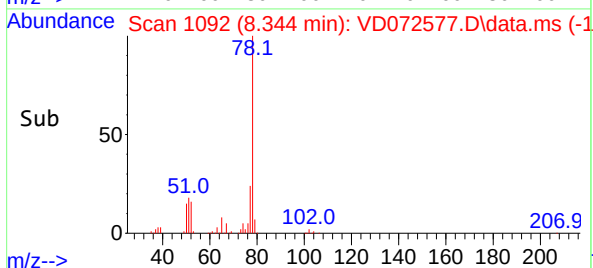
Reviewed By :John Carlone 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022

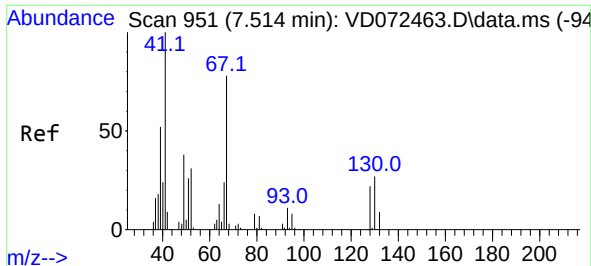


#40
Benzene
Concen: 55.424 ug/l
RT: 8.344 min Scan# 1092
Delta R.T. -0.006 min
Lab File: VD072577.D
Acq: 11 Apr 2022 09:52



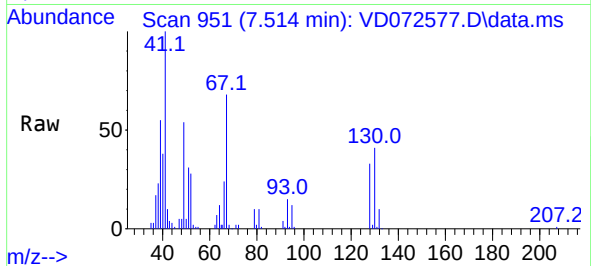
Tgt Ion: 78 Resp: 962803
Ion Ratio Lower Upper
78 100
77 24.3 19.1 28.7





#41
Methacrylonitrile
Concen: 50.393 ug/l m
RT: 7.514 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD072577.D
Acq: 11 Apr 2022 09:52

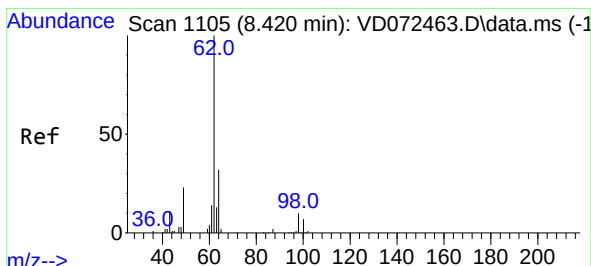
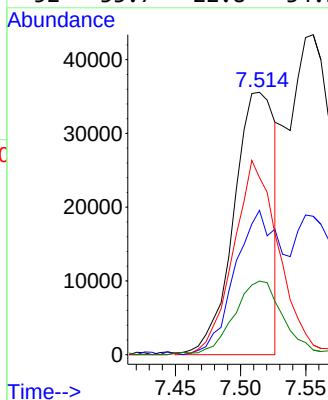
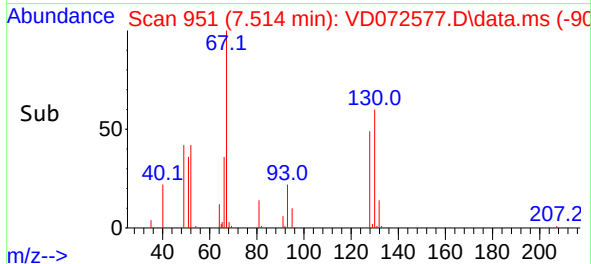
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 7764
Ion Ratio Lower Upper
41 100
39 64.6 44.6 67.0
67 82.4 48.2 72.4
52 33.7 22.8 34.2

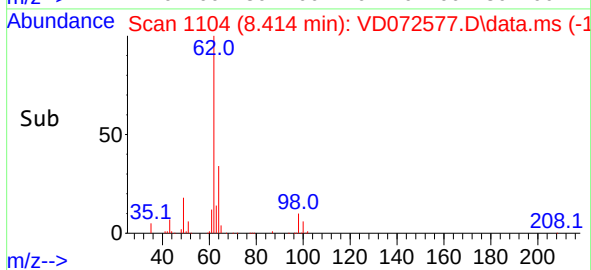
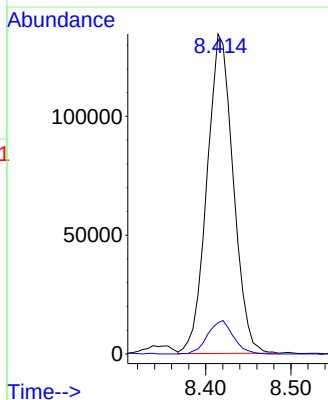
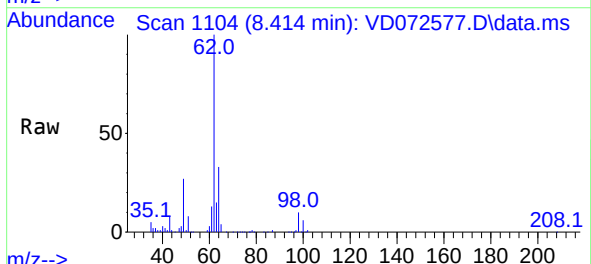
Manual Integrations
APPROVED

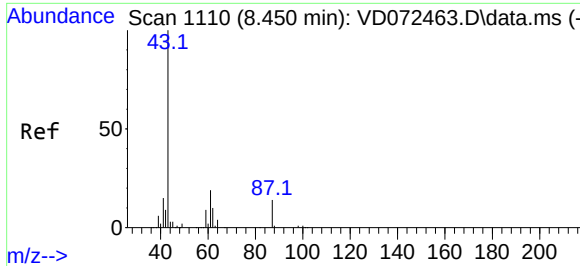
Reviewed By :John Carlone 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022



#42
1,2-Dichloroethane
Concen: 54.421 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VD072577.D
Acq: 11 Apr 2022 09:52

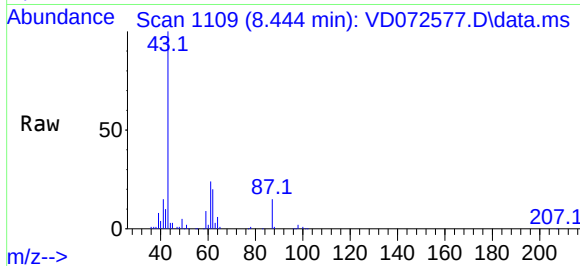
Tgt Ion: 62 Resp: 288959
Ion Ratio Lower Upper
62 100
98 10.2 0.0 17.6





#43
Isopropyl Acetate
Concen: 53.594 ug/l
RT: 8.444 min Scan# 1110
Delta R.T. -0.006 min
Lab File: VD072577.D
Acq: 11 Apr 2022 09:52

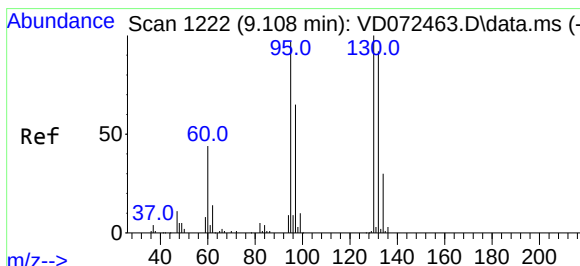
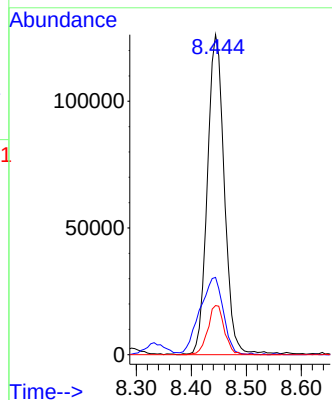
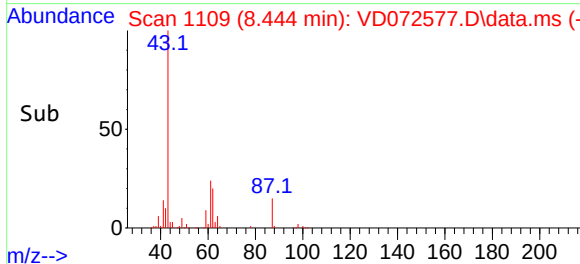
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 27095
Ion Ratio Lower Upper
43 100
61 32.9 22.4 33.6
87 15.0 8.7 13.1

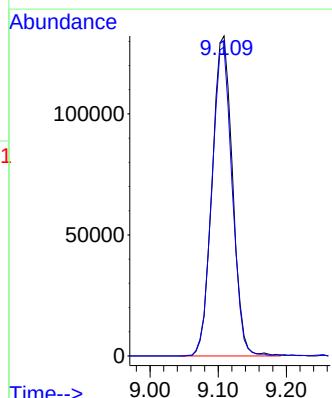
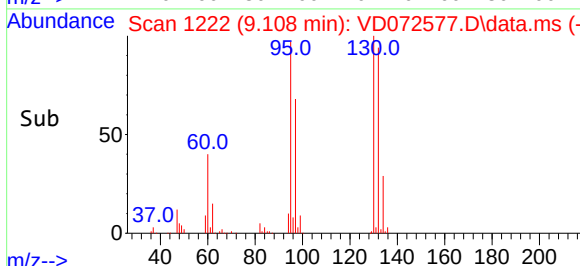
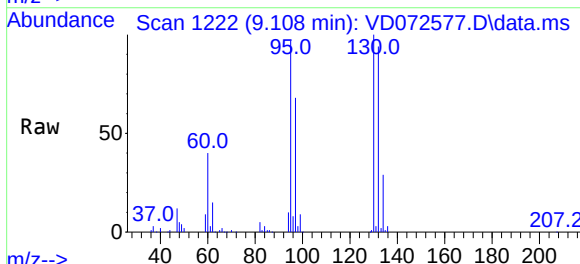
Manual Integrations
APPROVED

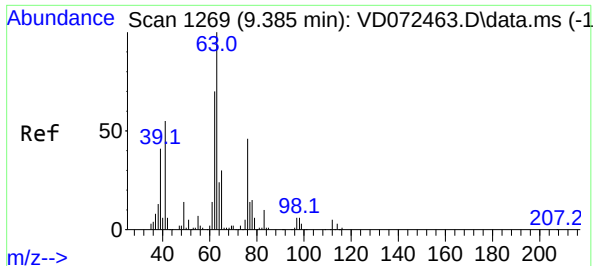
Reviewed By :John Carlone 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022



#44
Trichloroethene
Concen: 55.722 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD072577.D
Acq: 11 Apr 2022 09:52

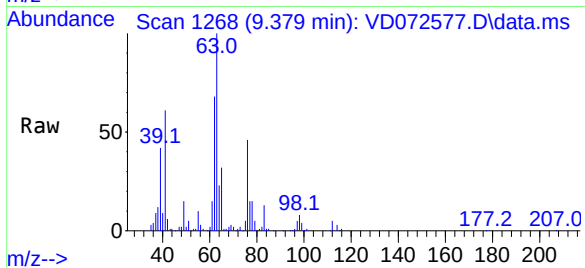
Tgt Ion:130 Resp: 274813
Ion Ratio Lower Upper
130 100
95 96.6 0.0 205.4





#45
1,2-Dichloropropane
Concen: 53.761 ug/l
RT: 9.379 min Scan# 1268
Delta R.T. -0.006 min
Lab File: VD072577.D
Acq: 11 Apr 2022 09:52

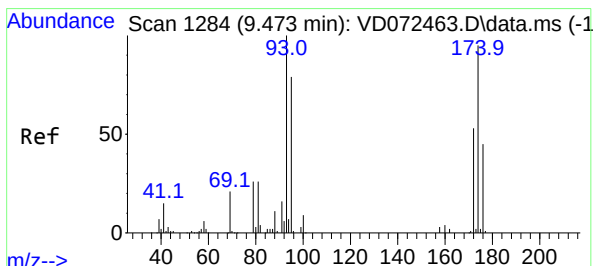
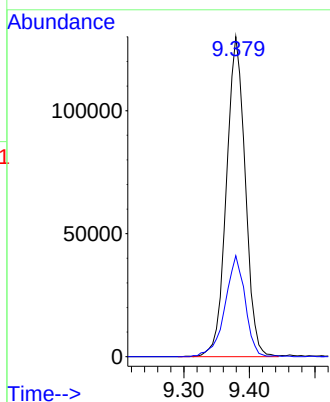
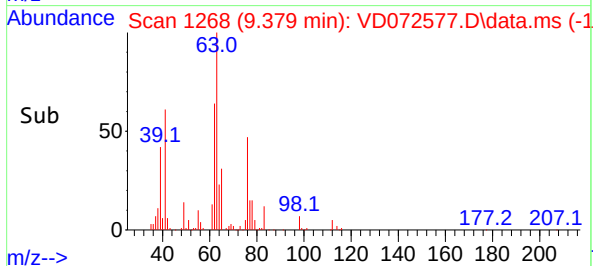
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



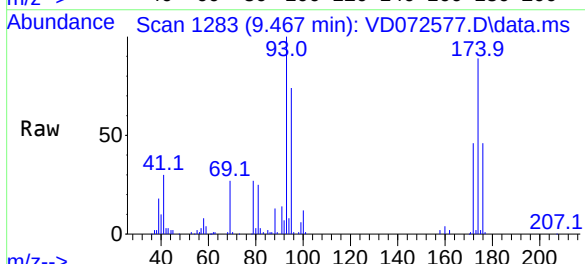
Tgt Ion: 63 Resp: 259793
Ion Ratio Lower Upper
63 100
65 31.6 26.2 39.4

Manual Integrations
APPROVED

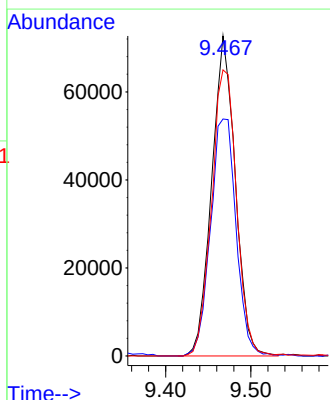
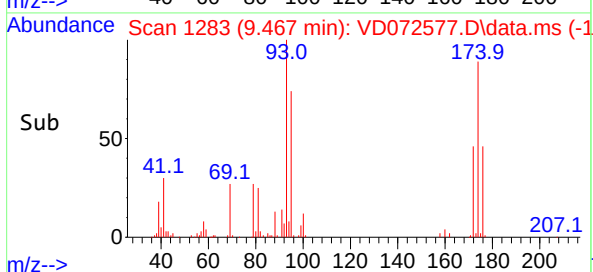
Reviewed By :John Carlone 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022

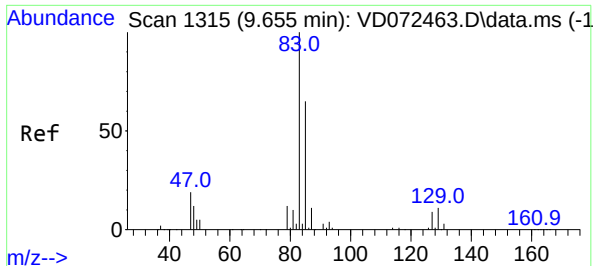


#46
Dibromomethane
Concen: 55.291 ug/l
RT: 9.467 min Scan# 1283
Delta R.T. -0.006 min
Lab File: VD072577.D
Acq: 11 Apr 2022 09:52



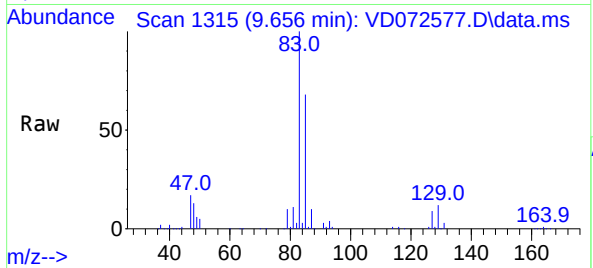
Tgt Ion: 93 Resp: 140179
Ion Ratio Lower Upper
93 100
95 80.2 66.7 100.1
174 95.2 71.6 107.4





#47
Bromodichloromethane
Concen: 53.158 ug/l
RT: 9.656 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VD072577.D
Acq: 11 Apr 2022 09:52

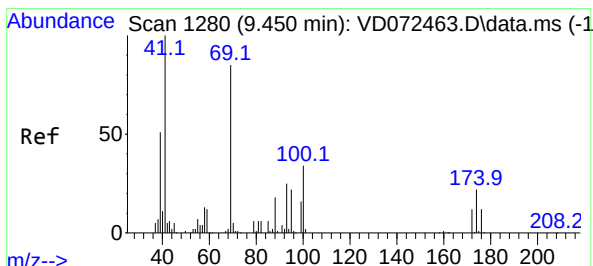
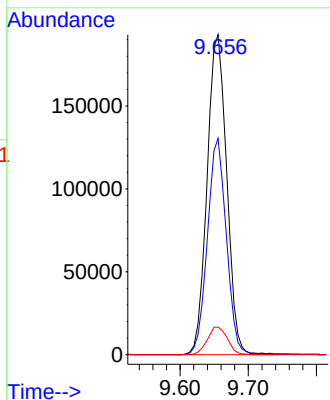
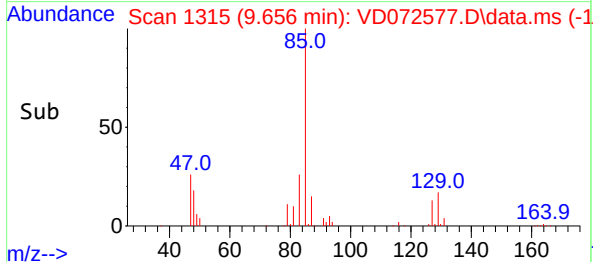
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



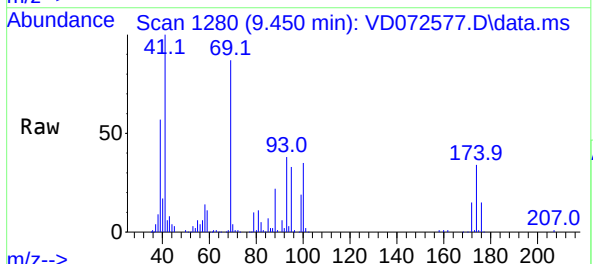
Tgt Ion: 83 Resp: 387188
Ion Ratio Lower Upper
83 100
85 67.6 51.4 77.0
127 8.6 6.1 9.1

Manual Integrations
APPROVED

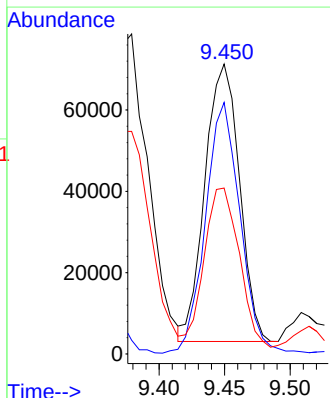
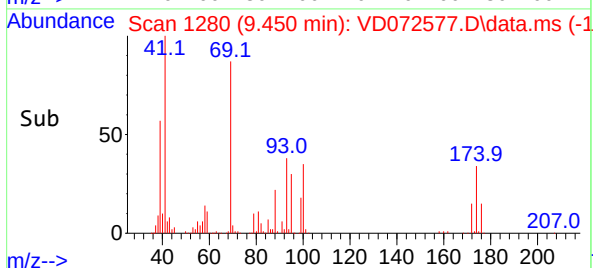
Reviewed By :John Carlone 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022

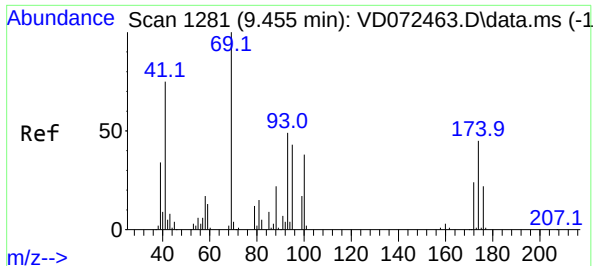


#48
Methyl methacrylate
Concen: 50.892 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VD072577.D
Acq: 11 Apr 2022 09:52



Tgt Ion: 41 Resp: 124915
Ion Ratio Lower Upper
41 100
69 90.9 56.7 85.1#
39 63.9 42.7 64.1





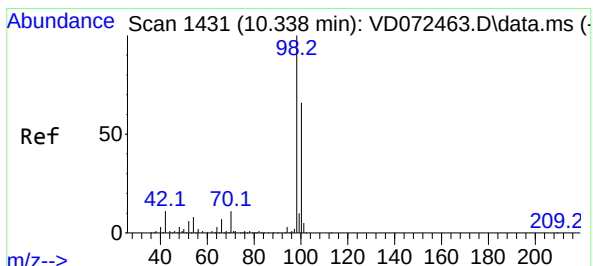
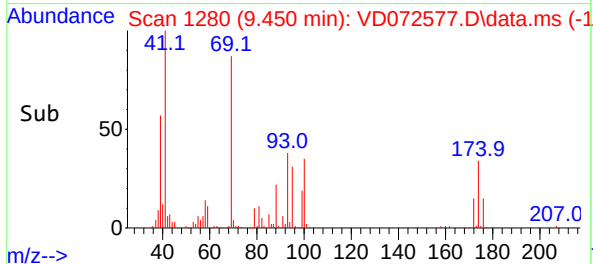
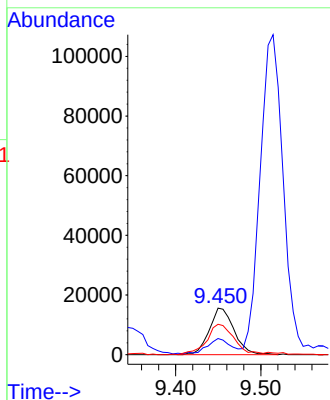
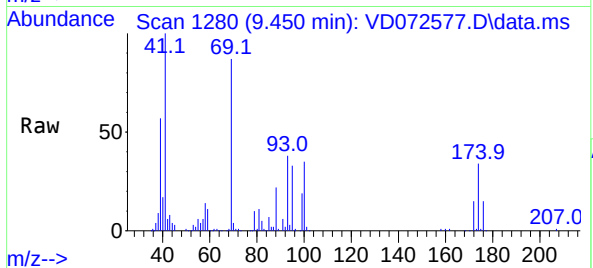
#49
1,4-Dioxane
Concen: 1044.935 ug/l
RT: 9.450 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072577.D
Acq: 11 Apr 2022 09:52

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 31514
Ion Ratio Lower Upper
88 100
43 29.3 31.0 46.4
58 72.3 58.1 87.1

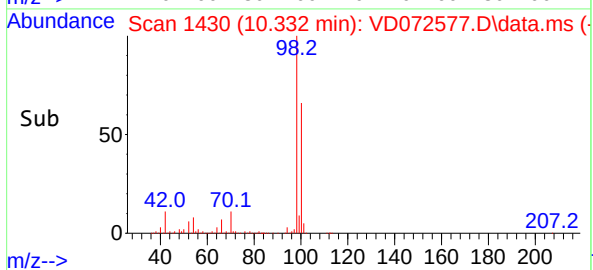
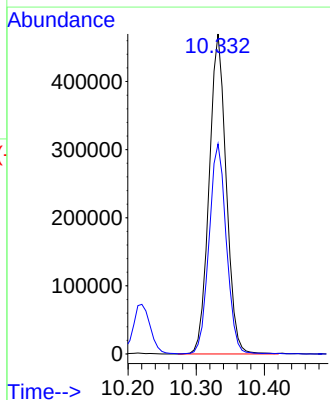
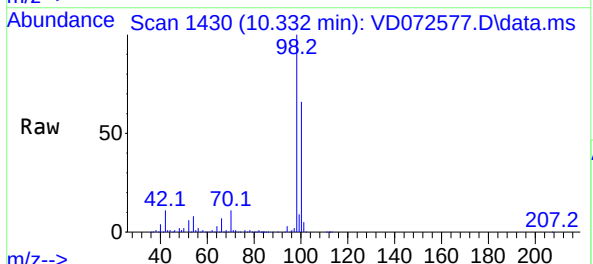
Manual Integrations
APPROVED

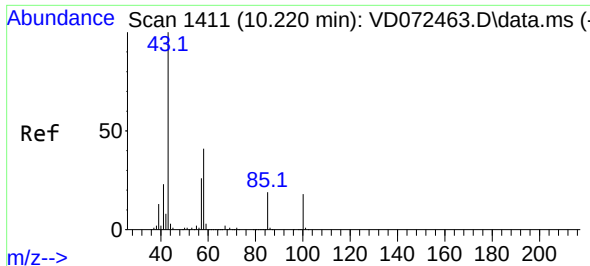
Reviewed By :John Carlone 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022



#50
Toluene-d8
Concen: 47.450 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD072577.D
Acq: 11 Apr 2022 09:52

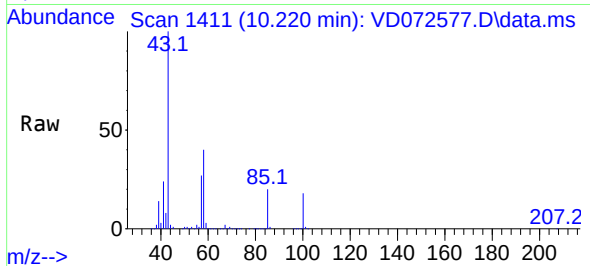
Tgt Ion: 98 Resp: 820438
Ion Ratio Lower Upper
98 100
100 66.2 52.4 78.6





#51
4-Methyl-2-Pentanone
Concen: 263.567 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD072577.D
Acq: 11 Apr 2022 09:52

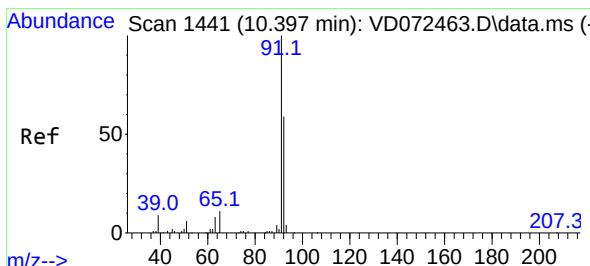
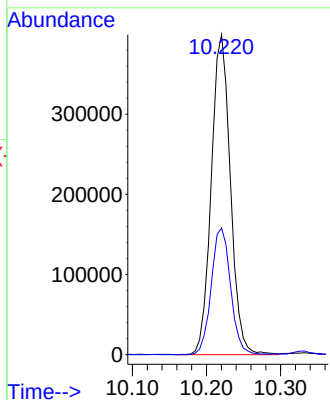
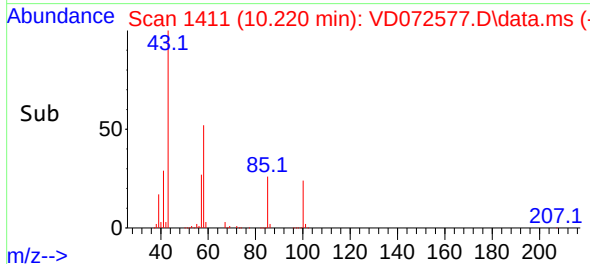
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



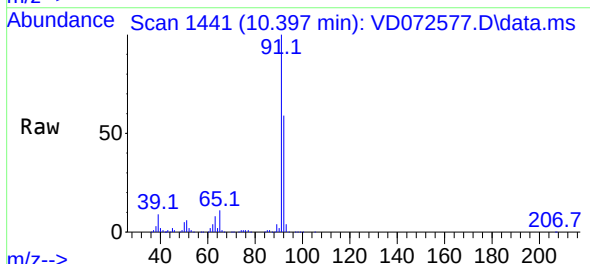
Tgt Ion: 43 Resp: 714994
Ion Ratio Lower Upper
43 100
58 40.1 28.6 43.0

Manual Integrations
APPROVED

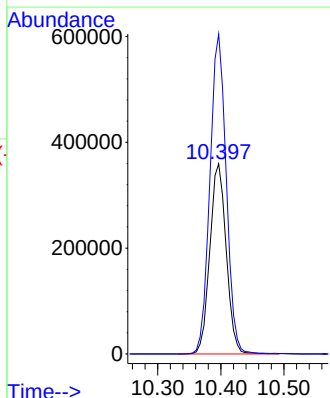
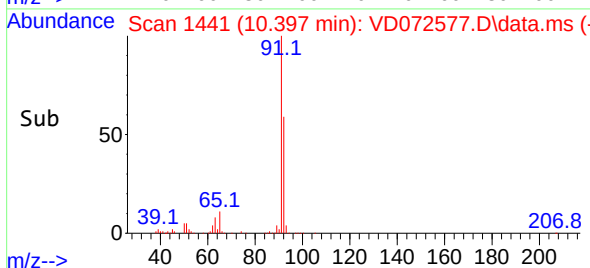
Reviewed By :John Carlone 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022

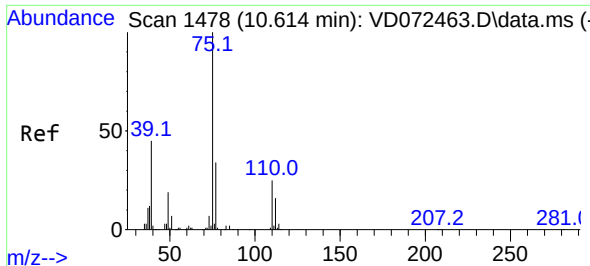


#52
Toluene
Concen: 56.070 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD072577.D
Acq: 11 Apr 2022 09:52



Tgt Ion: 92 Resp: 647081
Ion Ratio Lower Upper
92 100
91 167.9 139.6 209.4





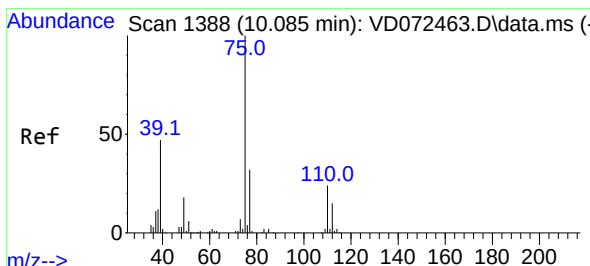
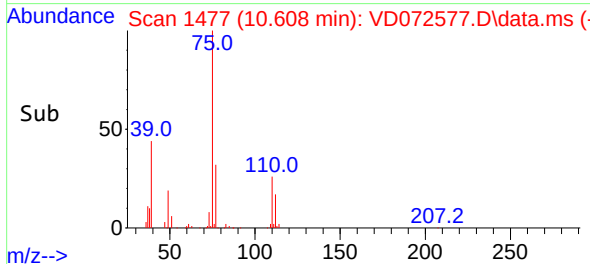
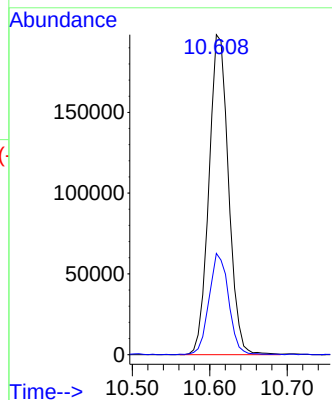
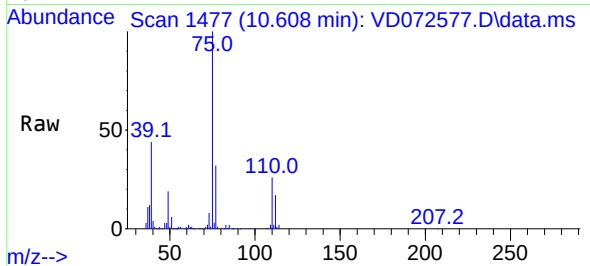
#53
t-1,3-Dichloropropene
Concen: 54.953 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VD072577.D
Acq: 11 Apr 2022 09:52

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 348793
Ion Ratio Lower Upper
75 100
77 31.5 24.5 36.7

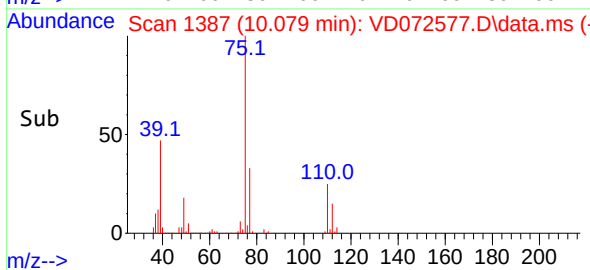
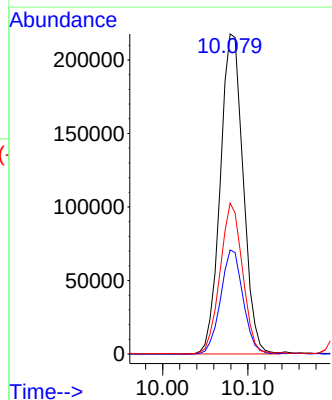
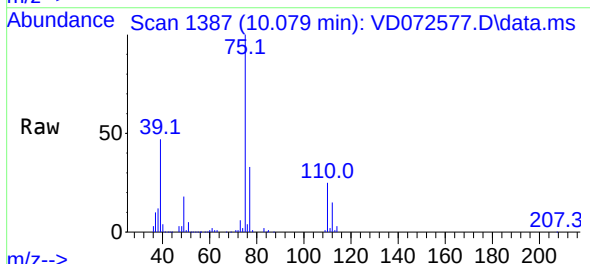
Manual Integrations
APPROVED

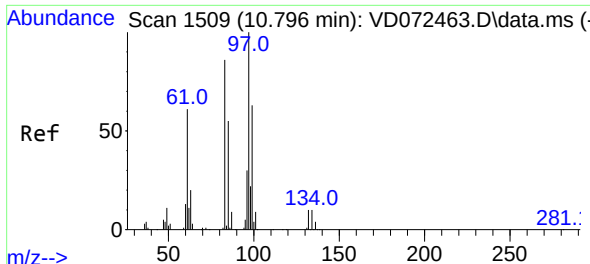
Reviewed By :John Carlone 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022



#54
cis-1,3-Dichloropropene
Concen: 54.239 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. -0.006 min
Lab File: VD072577.D
Acq: 11 Apr 2022 09:52

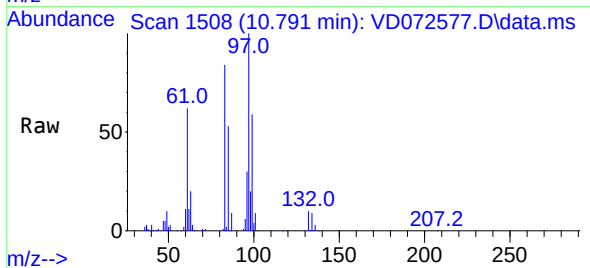
Tgt Ion: 75 Resp: 407027
Ion Ratio Lower Upper
75 100
77 32.5 24.8 37.2
39 47.0 46.8 70.2





#55
1,1,2-Trichloroethane
Concen: 53.058 ug/l
RT: 10.791 min Scan# 1509
Delta R.T. -0.006 min
Lab File: VD072577.D
Acq: 11 Apr 2022 09:52

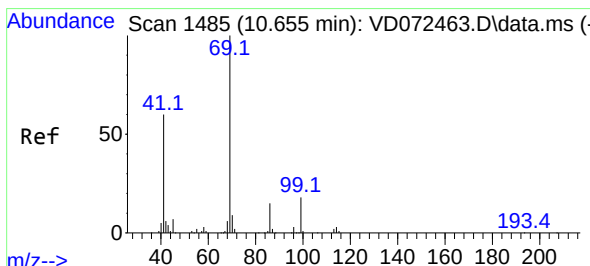
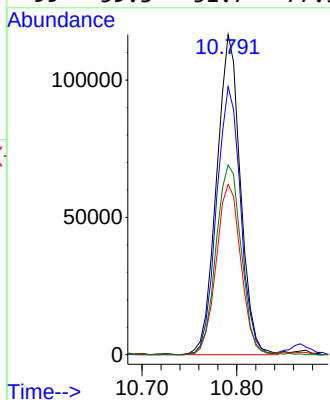
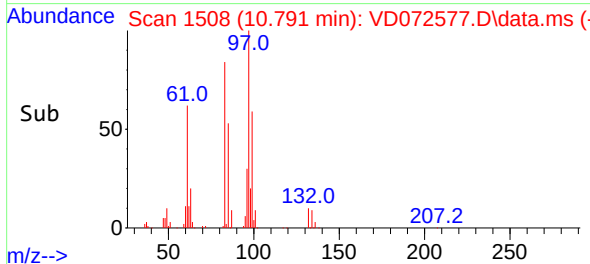
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



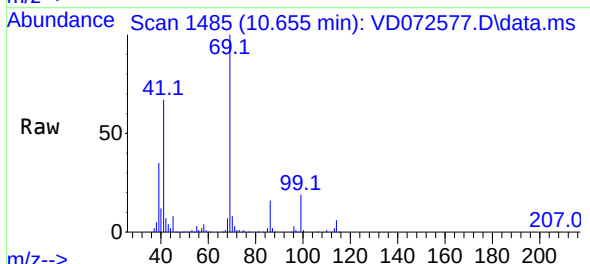
Tgt Ion: 97 Resp: 203934
Ion Ratio Lower Upper
97 100
83 83.7 69.0 103.4
85 53.2 42.6 63.8
99 59.3 51.7 77.5

Manual Integrations
APPROVED

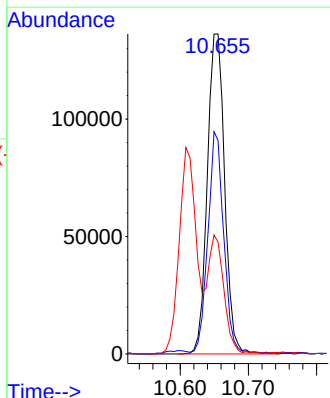
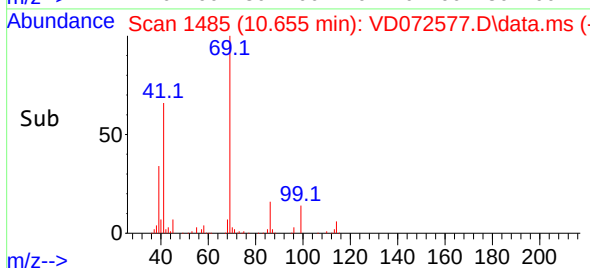
Reviewed By :John Carlone 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022

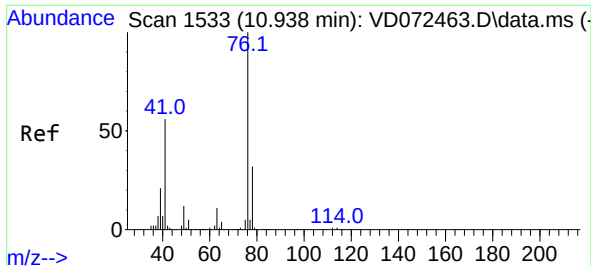


#56
Ethyl methacrylate
Concen: 50.994 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD072577.D
Acq: 11 Apr 2022 09:52



Tgt Ion: 69 Resp: 241112
Ion Ratio Lower Upper
69 100
41 63.1 63.0 94.6
39 34.6 33.8 50.8





#57

1,3-Dichloropropane

Concen: 53.333 ug/l

RT: 10.938 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD072577.D

Acq: 11 Apr 2022 09:52

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 33889

Ion Ratio Lower Upper

76 100

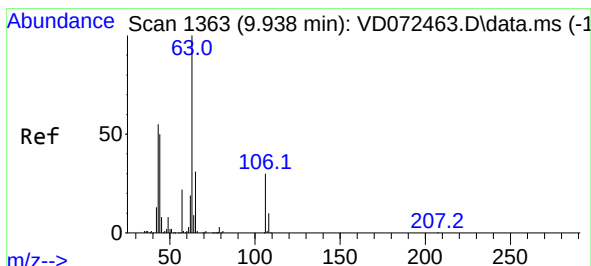
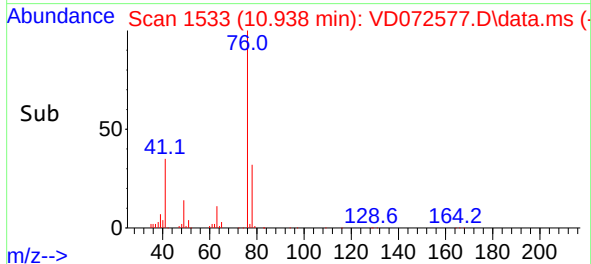
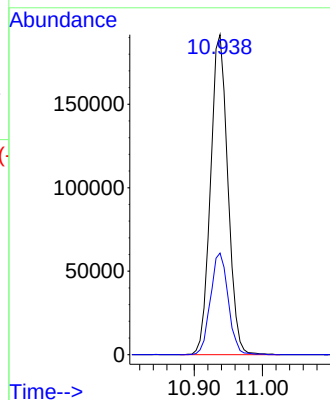
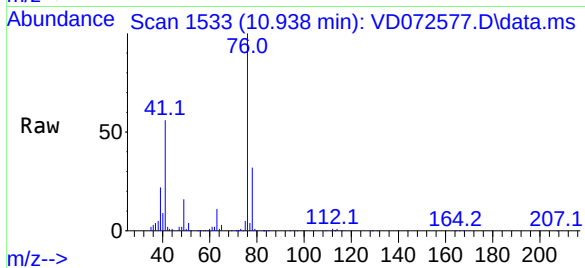
78 32.5 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/12/2022

Supervised By :Mahesh Dadoda 04/12/2022



#58

2-Chloroethyl Vinyl ether

Concen: 260.400 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.006 min

Lab File: VD072577.D

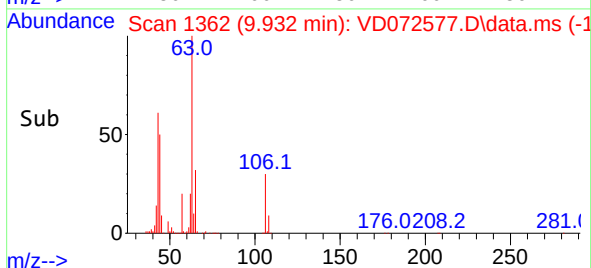
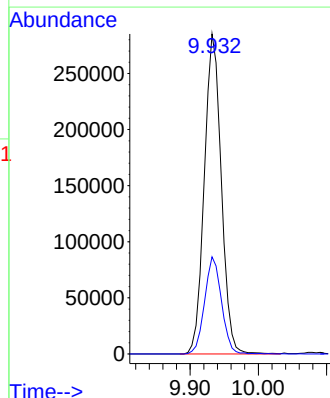
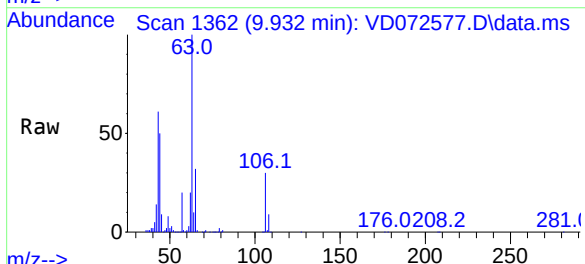
Acq: 11 Apr 2022 09:52

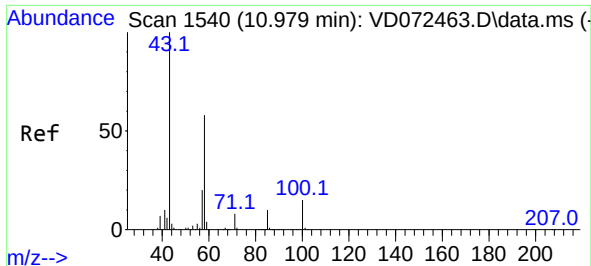
Tgt Ion: 63 Resp: 494137

Ion Ratio Lower Upper

63 100

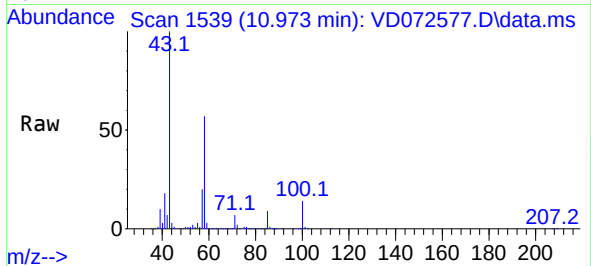
106 30.2 21.4 32.0





#59
2-Hexanone
Concen: 285.413 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.006 min
Lab File: VD072577.D
Acq: 11 Apr 2022 09:52

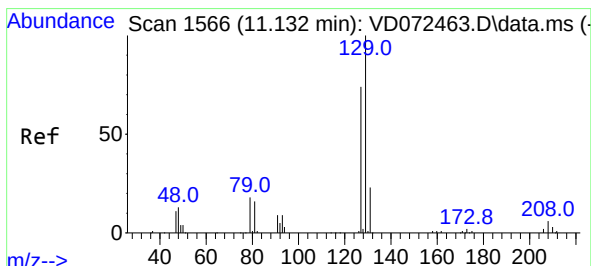
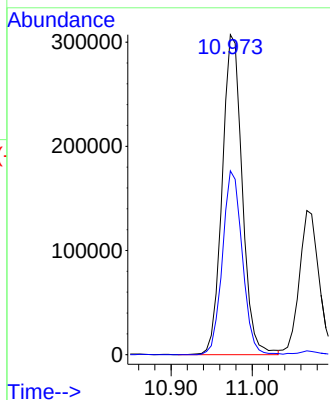
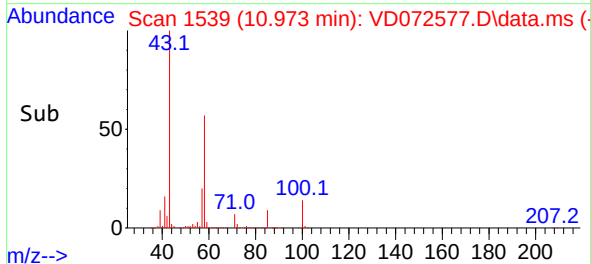
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 52651
Ion Ratio Lower Upper
43 100
58 56.8 25.3 75.9

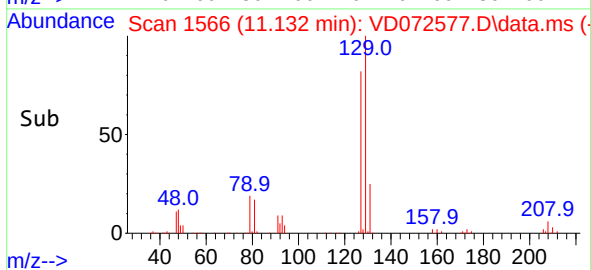
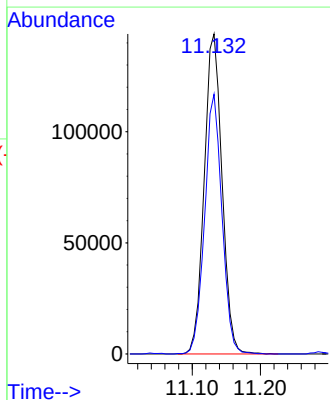
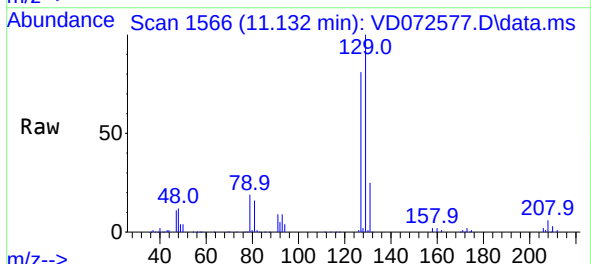
Manual Integrations
APPROVED

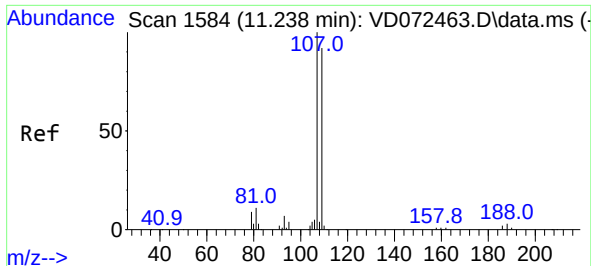
Reviewed By :John Carlone 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022



#60
Dibromochloromethane
Concen: 52.854 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD072577.D
Acq: 11 Apr 2022 09:52

Tgt Ion:129 Resp: 262055
Ion Ratio Lower Upper
129 100
127 78.9 39.2 117.6





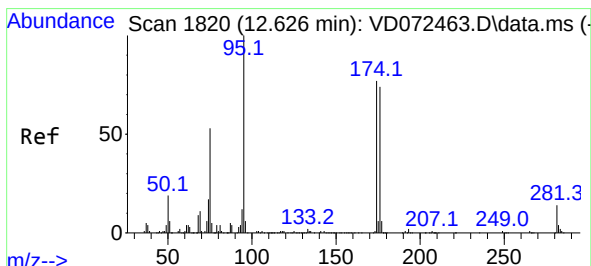
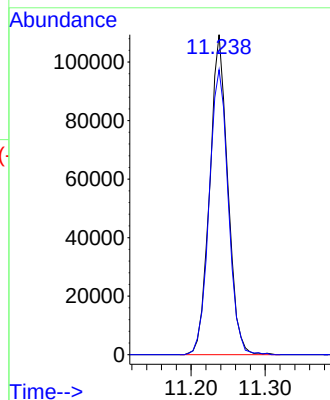
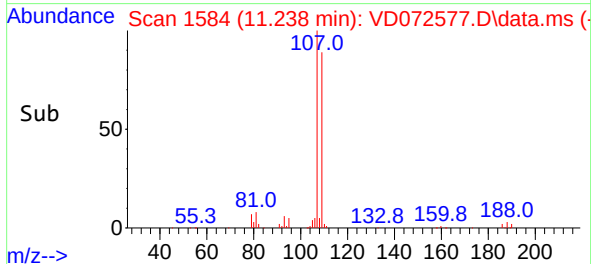
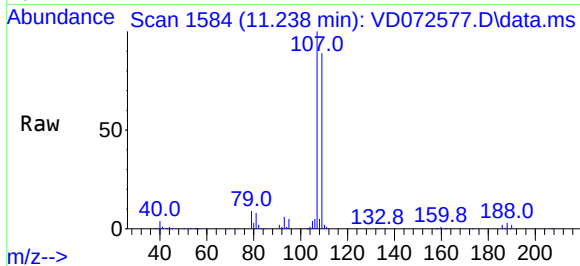
#61
1,2-Dibromoethane
Concen: 54.434 ug/l
RT: 11.238 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072577.D
Acq: 11 Apr 2022 09:52

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 185764
Ion Ratio Lower Upper
107 100
109 93.9 74.2 111.4

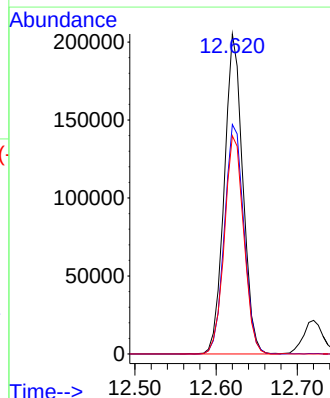
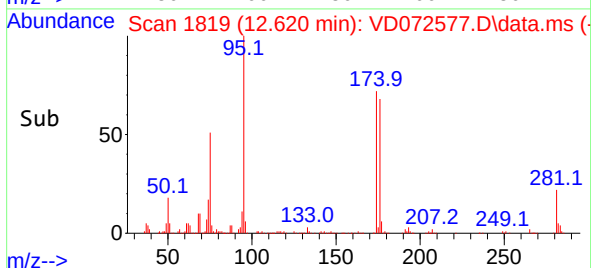
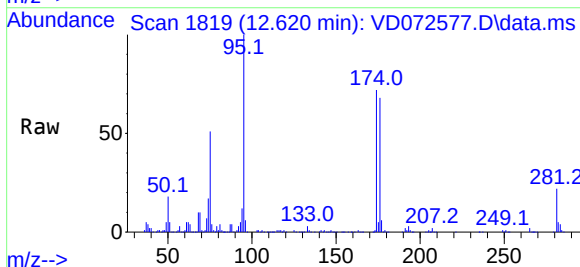
Manual Integrations
APPROVED

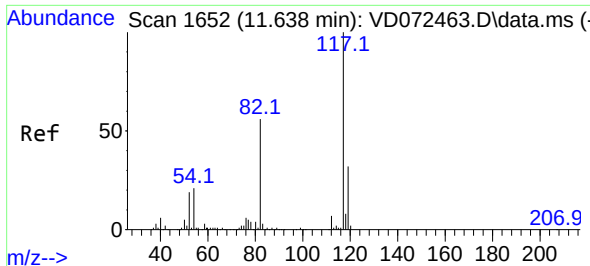
Reviewed By :John Carlone 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022



#62
4-Bromofluorobenzene
Concen: 48.190 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072577.D
Acq: 11 Apr 2022 09:52

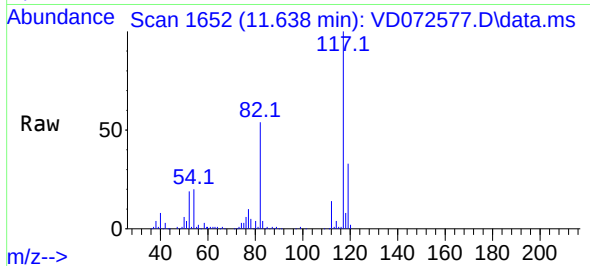
Tgt Ion: 95 Resp: 325415
Ion Ratio Lower Upper
95 100
174 75.3 0.0 152.8
176 71.2 0.0 145.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072577.D
Acq: 11 Apr 2022 09:52

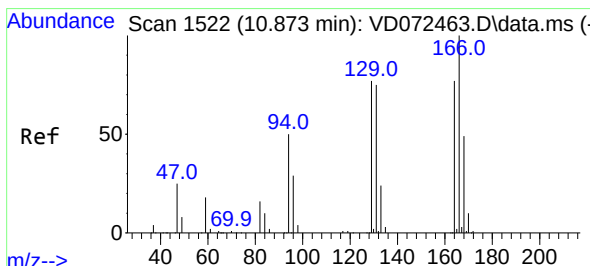
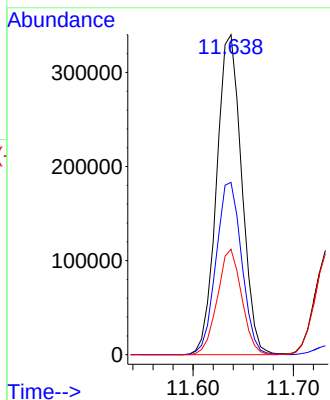
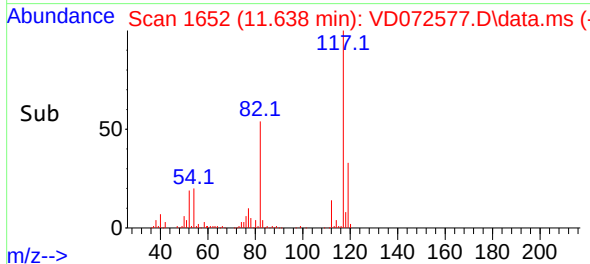
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



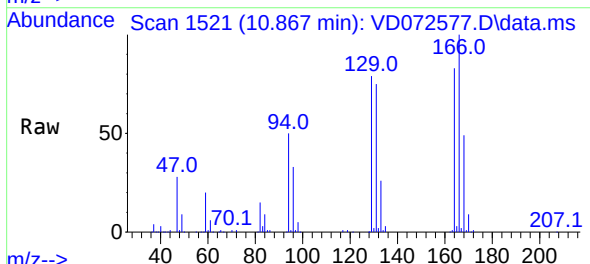
Tgt Ion:117 Resp: 59131
Ion Ratio Lower Upper
117 100
82 53.8 45.3 67.9
119 33.0 26.6 40.0

Manual Integrations
APPROVED

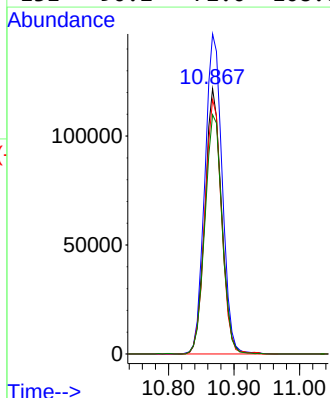
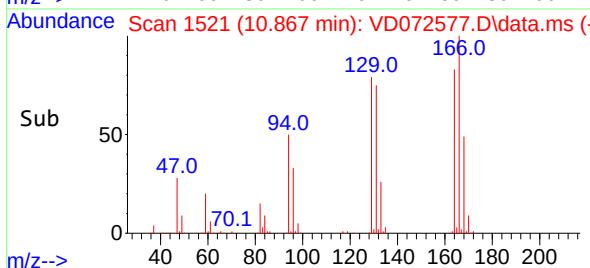
Reviewed By :John Carlone 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022

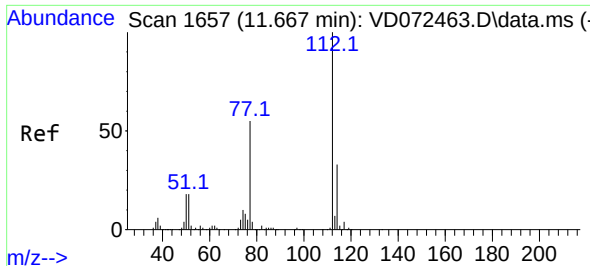


#64
Tetrachloroethene
Concen: 55.643 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VD072577.D
Acq: 11 Apr 2022 09:52



Tgt Ion:164 Resp: 214970
Ion Ratio Lower Upper
164 100
166 120.6 98.5 147.7
129 95.9 74.6 111.8
131 90.2 72.0 108.0





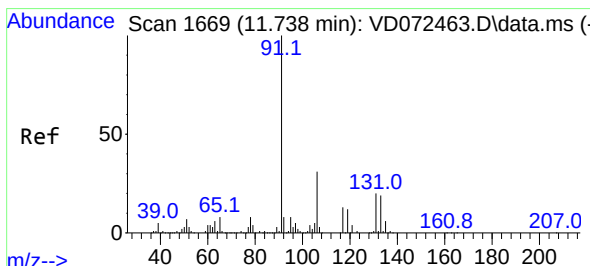
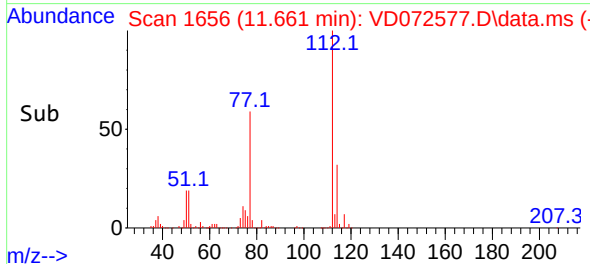
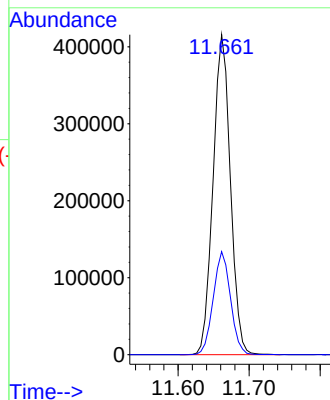
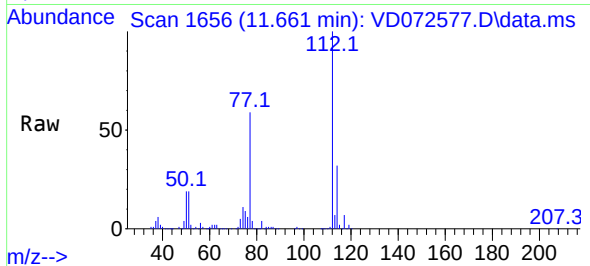
#65
Chlorobenzene
Concen: 53.201 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.006 min
Lab File: VD072577.D
Acq: 11 Apr 2022 09:52

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 703320
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6

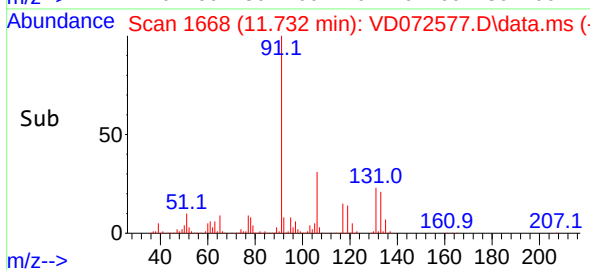
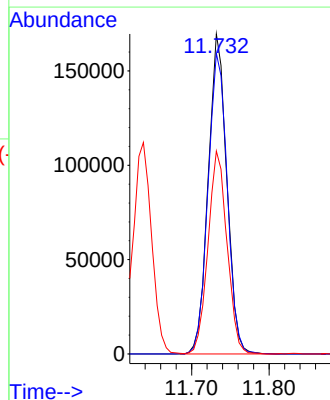
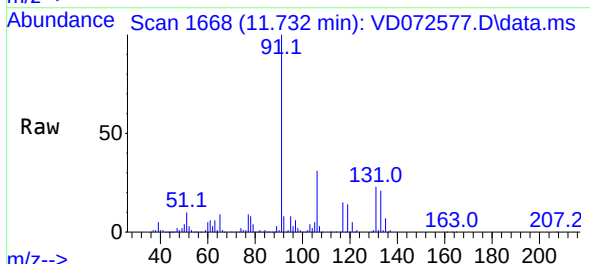
Manual Integrations
APPROVED

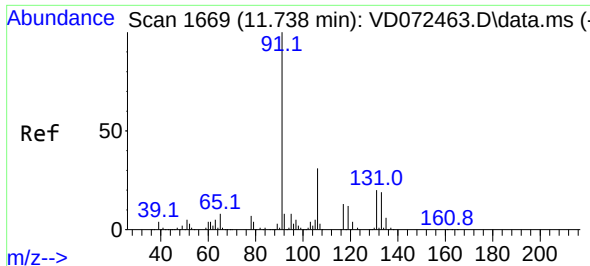
Reviewed By :John Carlone 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 53.403 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD072577.D
Acq: 11 Apr 2022 09:52

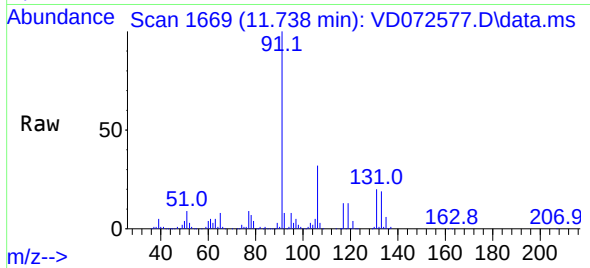
Tgt Ion:131 Resp: 282262
Ion Ratio Lower Upper
131 100
133 97.2 48.1 144.3
119 64.9 31.9 95.9





#67
Ethyl Benzene
Concen: 54.827 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD072577.D
Acq: 11 Apr 2022 09:52

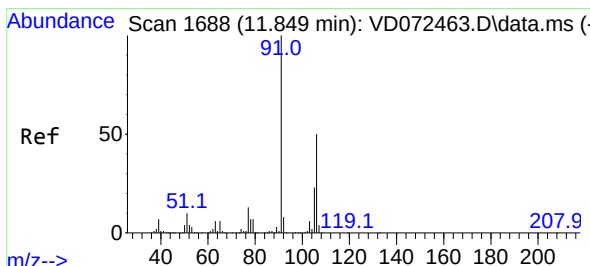
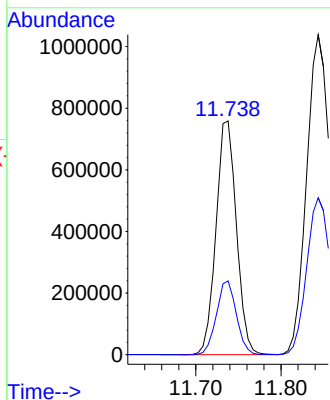
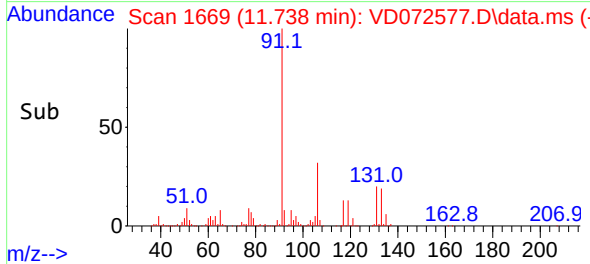
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



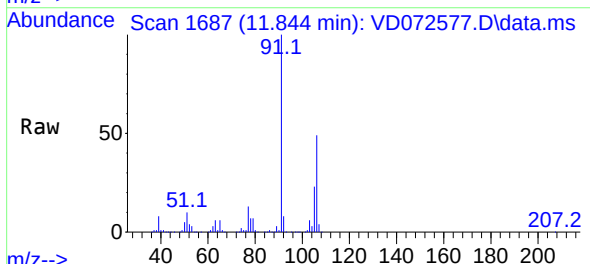
Tgt Ion: 91 Resp: 1264730
Ion Ratio Lower Upper
91 100
106 31.6 24.2 36.4

Manual Integrations
APPROVED

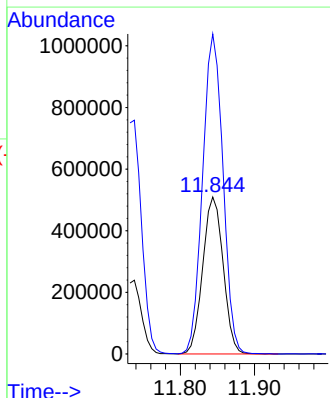
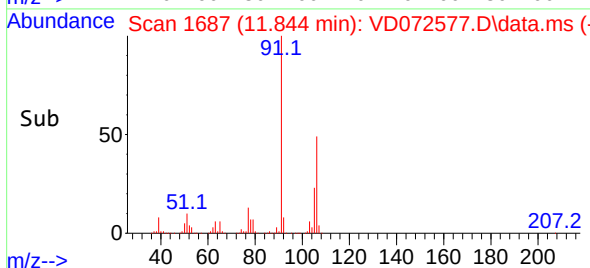
Reviewed By :John Carlone 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022

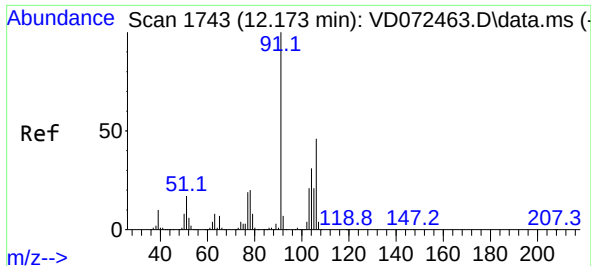


#68
m/p-Xylenes
Concen: 111.483 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.006 min
Lab File: VD072577.D
Acq: 11 Apr 2022 09:52



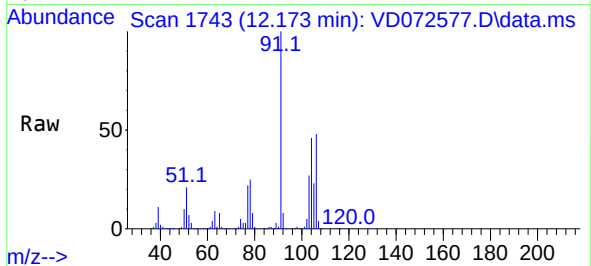
Tgt Ion:106 Resp: 975648
Ion Ratio Lower Upper
106 100
91 203.0 163.7 245.5





#69
o-Xylene
Concen: 55.103 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD072577.D
Acq: 11 Apr 2022 09:52

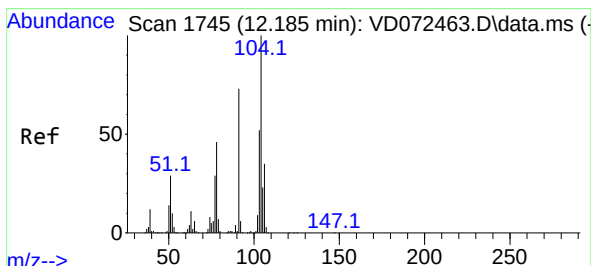
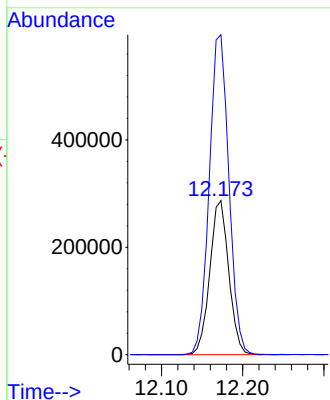
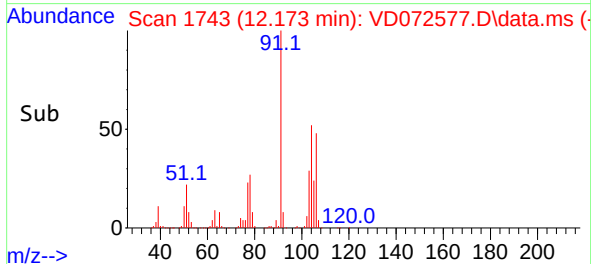
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



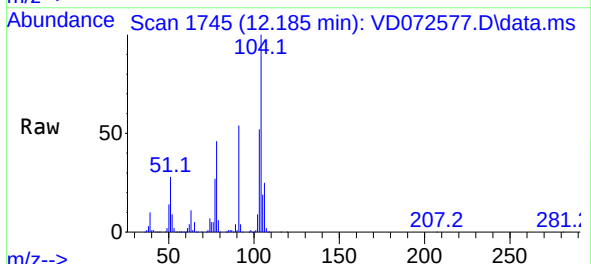
Tgt Ion:106 Resp: 46528
Ion Ratio Lower Upper
106 100
91 214.8 110.4 331.2

Manual Integrations
APPROVED

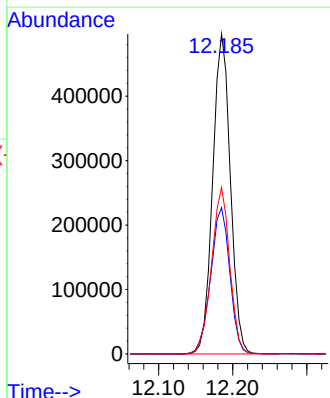
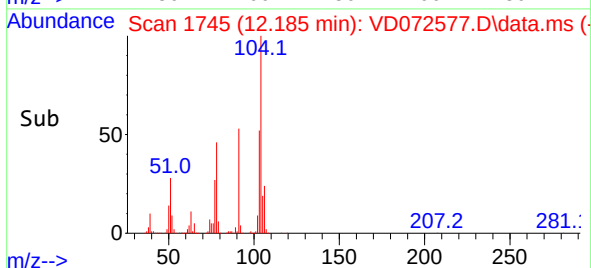
Reviewed By :John Carlone 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022

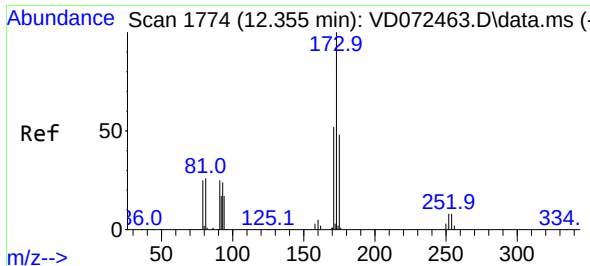


#70
Styrene
Concen: 55.241 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD072577.D
Acq: 11 Apr 2022 09:52



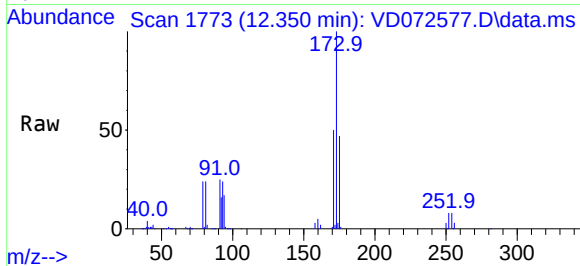
Tgt Ion:104 Resp: 822065
Ion Ratio Lower Upper
104 100
78 49.4 41.8 62.8
103 53.7 44.2 66.4





#71
Bromoform
Concen: 52.623 ug/l
RT: 12.350 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VD072577.D
Acq: 11 Apr 2022 09:52

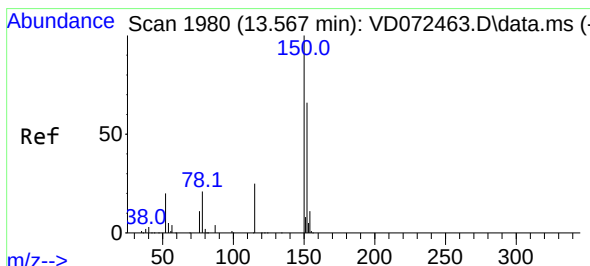
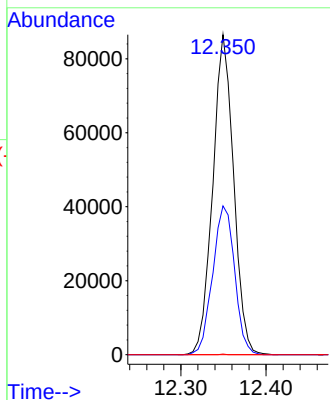
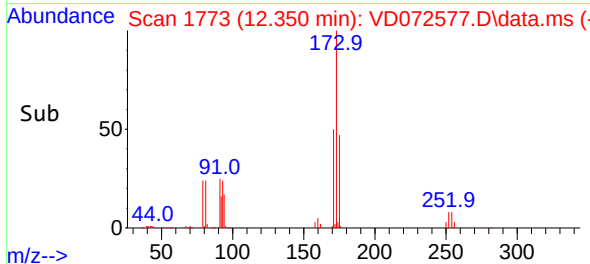
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 147448
Ion Ratio Lower Upper
173 100
175 48.9 23.9 71.8
254 0.0 0.0 0.0

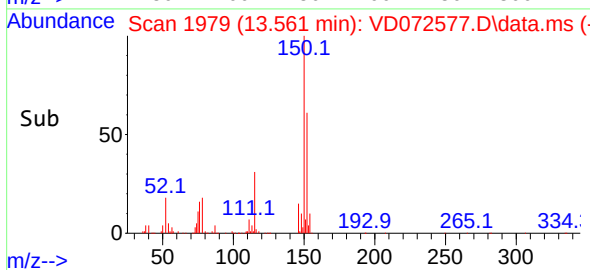
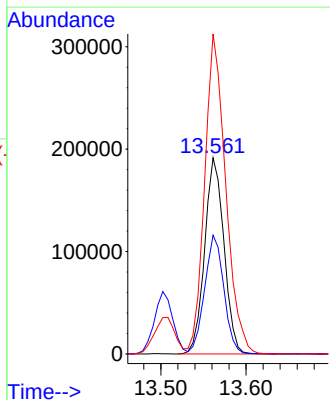
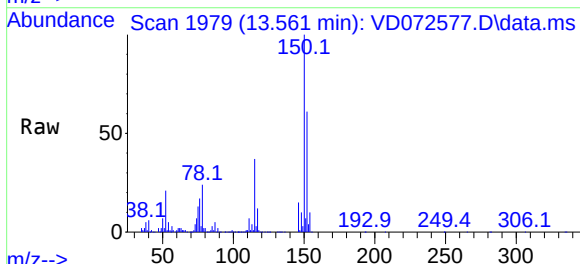
Manual Integrations
APPROVED

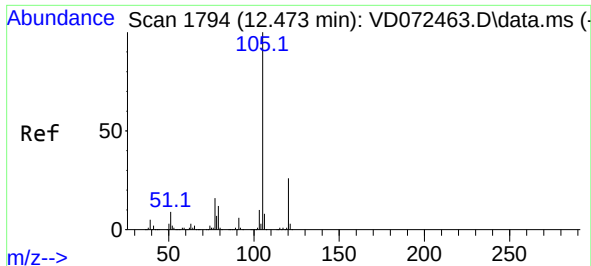
Reviewed By :John Carlone 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072577.D
Acq: 11 Apr 2022 09:52

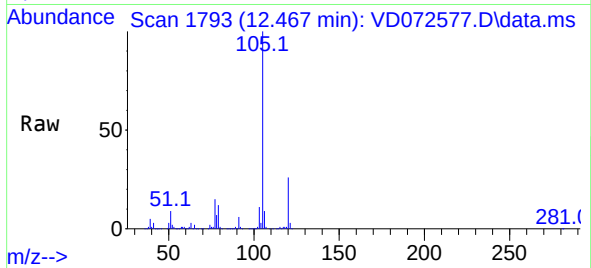
Tgt Ion:152 Resp: 302047
Ion Ratio Lower Upper
152 100
115 60.2 31.3 93.8
150 178.0 0.0 348.6





#73
Isopropylbenzene
Concen: 52.836 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD072577.D
Acq: 11 Apr 2022 09:52

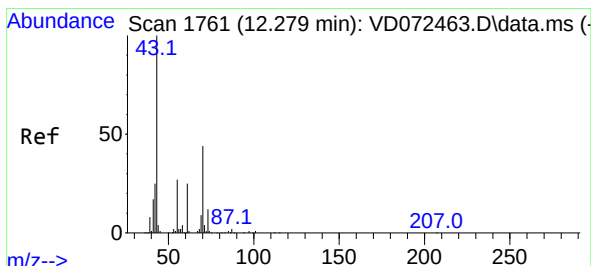
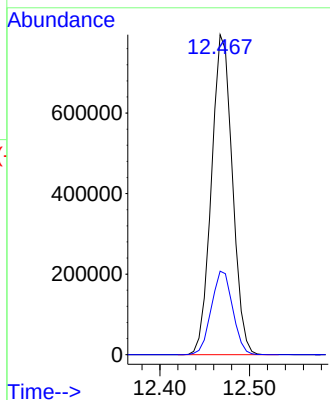
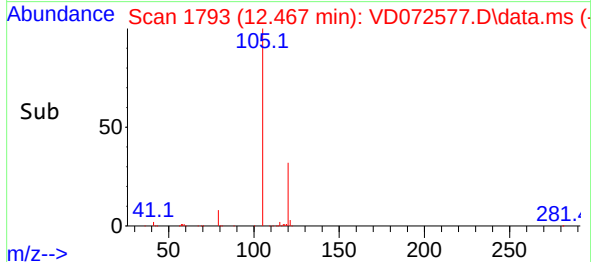
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 128886
Ion Ratio Lower Upper
105 100
120 26.6 13.0 38.9

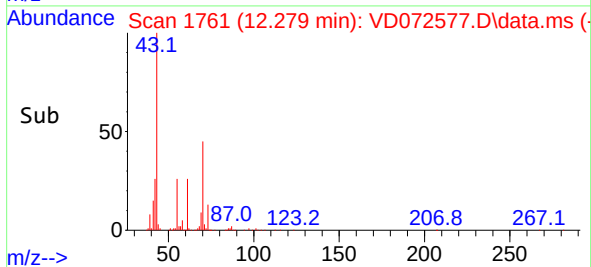
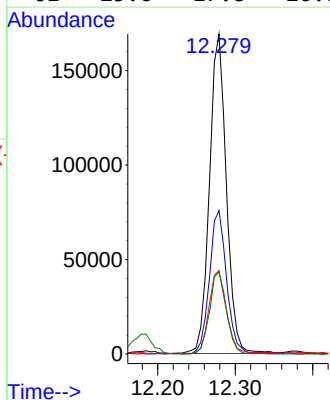
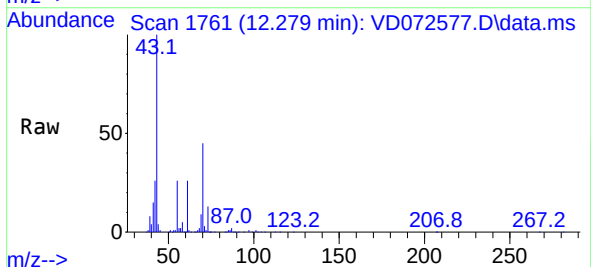
Manual Integrations
APPROVED

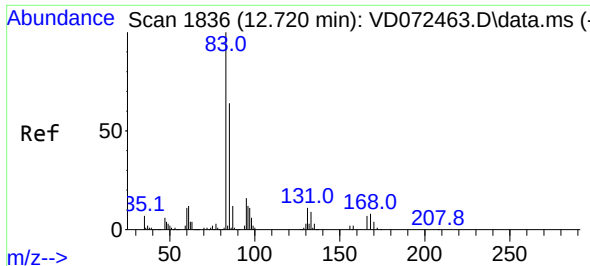
Reviewed By :John Carlone 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022



#74
N-ethyl acetate
Concen: 50.235 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD072577.D
Acq: 11 Apr 2022 09:52

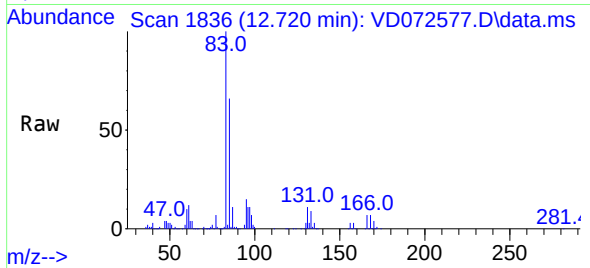
Tgt Ion: 43 Resp: 257117
Ion Ratio Lower Upper
43 100
70 45.4 31.3 46.9
55 26.3 20.0 30.0
61 25.6 17.8 26.8





#75
1,1,2,2-Tetrachloroethane
Concen: 48.830 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD072577.D
Acq: 11 Apr 2022 09:52

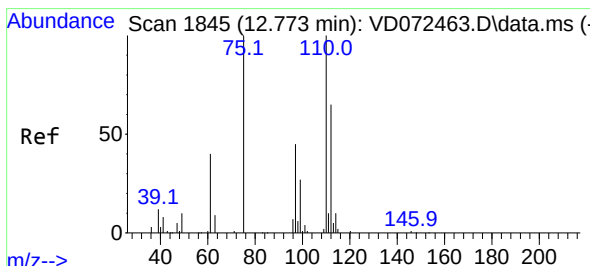
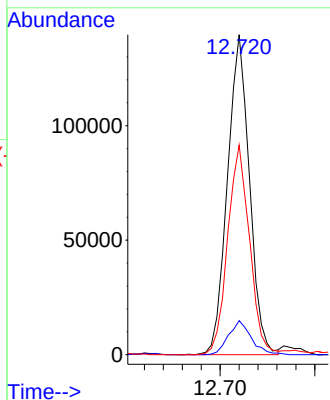
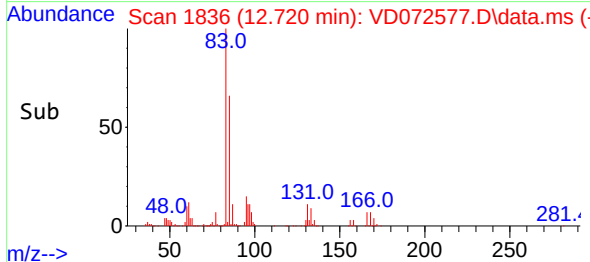
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



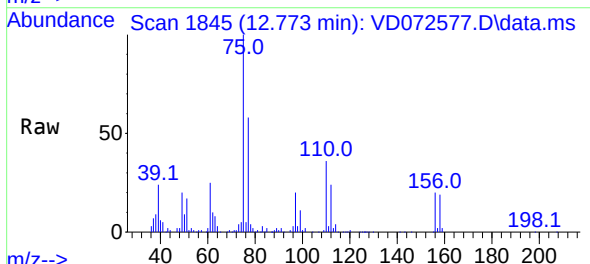
Tgt Ion: 83 Resp: 225610
Ion Ratio Lower Upper
83 100
131 11.0 5.0 14.9
85 65.1 32.6 98.0

Manual Integrations
APPROVED

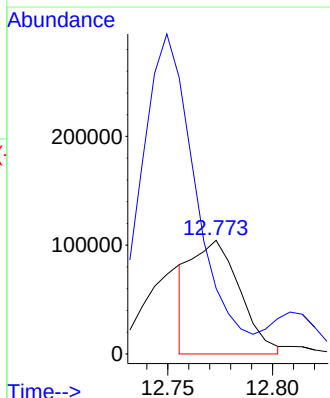
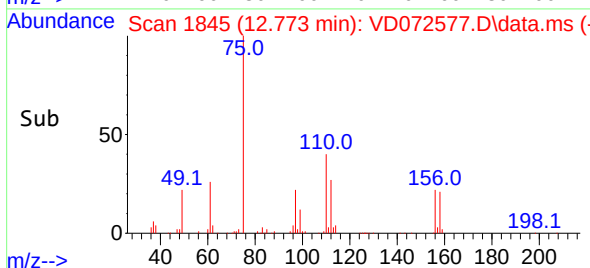
Reviewed By :John Carlone 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022

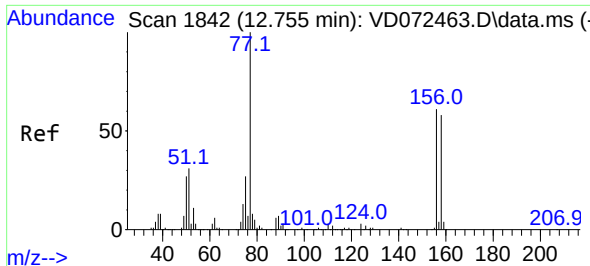


#76
1,2,3-Trichloropropane
Concen: 50.960 ug/l m
RT: 12.773 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VD072577.D
Acq: 11 Apr 2022 09:52



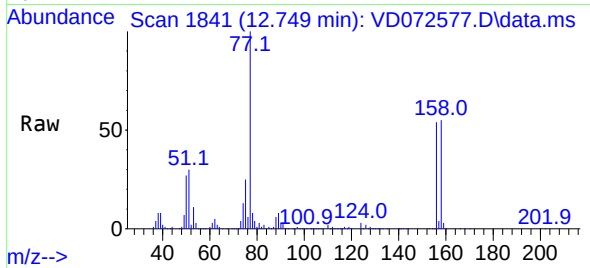
Tgt Ion: 75 Resp: 167878
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 51.931 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.006 min
Lab File: VD072577.D
Acq: 11 Apr 2022 09:52

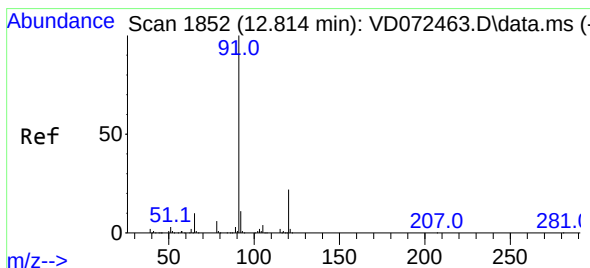
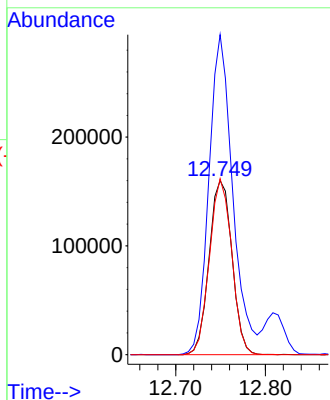
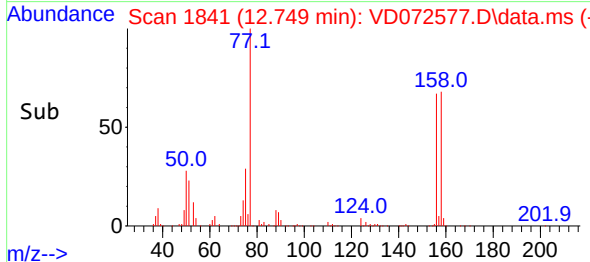
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



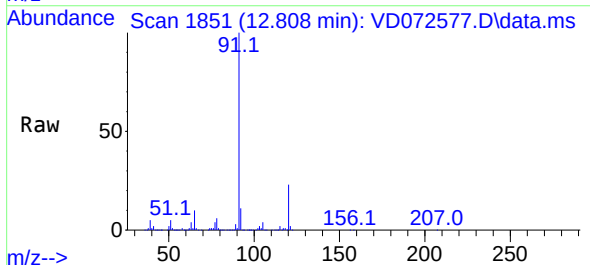
Tgt Ion: 156 Resp: 283935
Ion Ratio Lower Upper
156 100
77 190.6 102.8 308.3
158 98.2 48.7 146.1

Manual Integrations
APPROVED

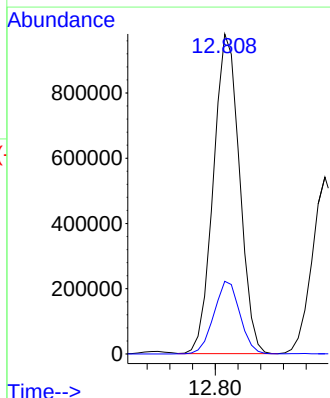
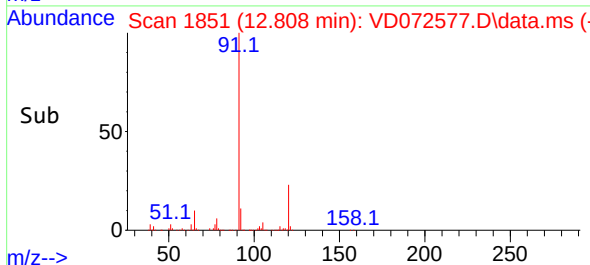
Reviewed By :John Carlone 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022

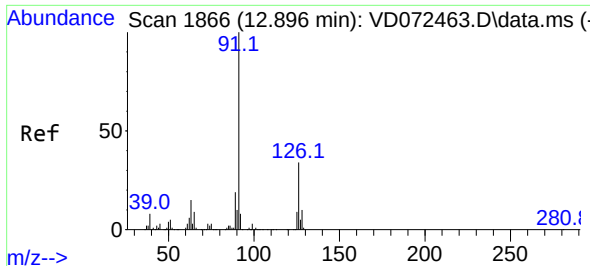


#78
n-propylbenzene
Concen: 53.141 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VD072577.D
Acq: 11 Apr 2022 09:52



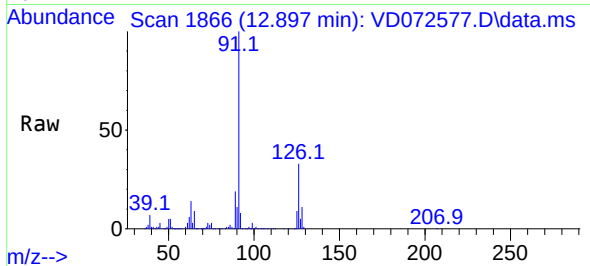
Tgt Ion: 91 Resp: 1563825
Ion Ratio Lower Upper
91 100
120 22.7 10.9 32.9





#79
2-Chlorotoluene
Concen: 52.058 ug/l
RT: 12.897 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD072577.D
Acq: 11 Apr 2022 09:52

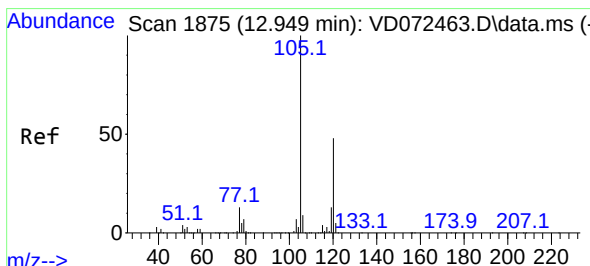
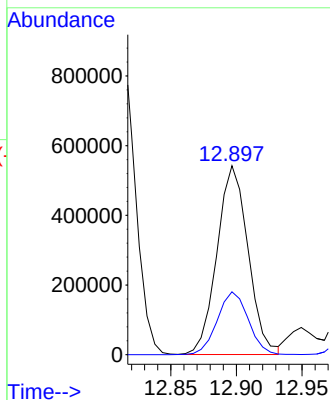
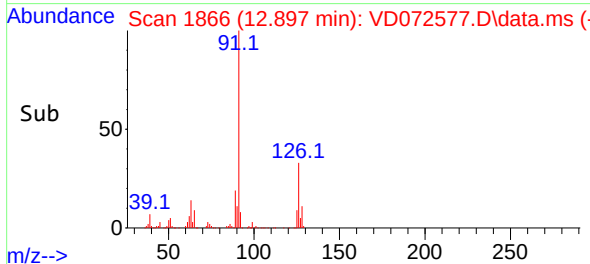
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



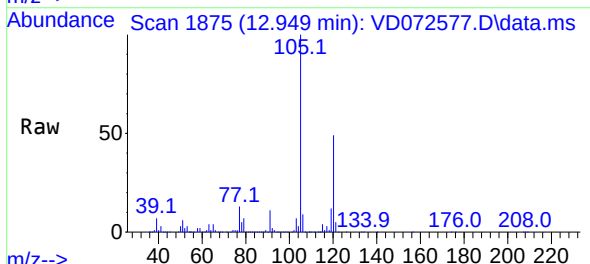
Tgt Ion: 91 Resp: 895907
Ion Ratio Lower Upper
91 100
126 33.2 16.2 48.6

Manual Integrations
APPROVED

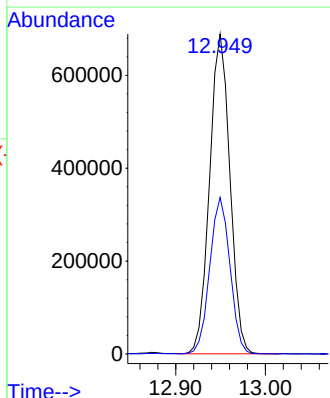
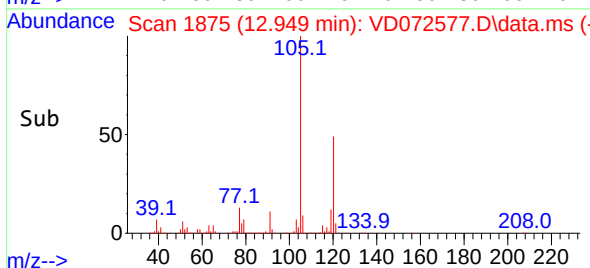
Reviewed By :John Carlone 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022

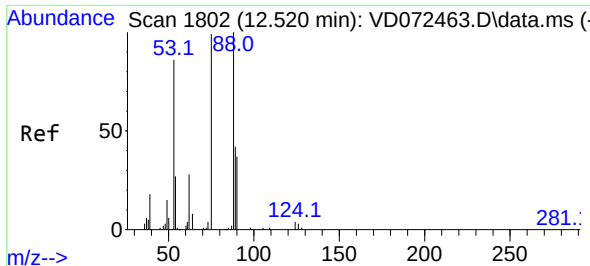


#80
1,3,5-Trimethylbenzene
Concen: 51.871 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD072577.D
Acq: 11 Apr 2022 09:52



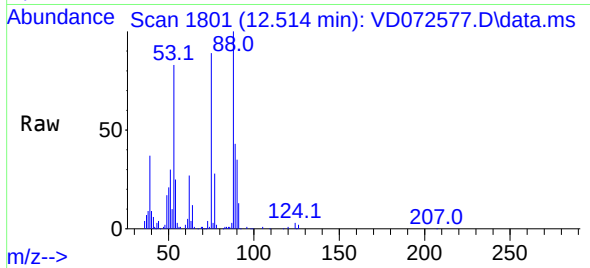
Tgt Ion:105 Resp: 1083676
Ion Ratio Lower Upper
105 100
120 48.7 24.3 72.8





#81
trans-1,4-Dichloro-2-butene
Concen: 50.702 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. -0.006 min
Lab File: VD072577.D
Acq: 11 Apr 2022 09:52

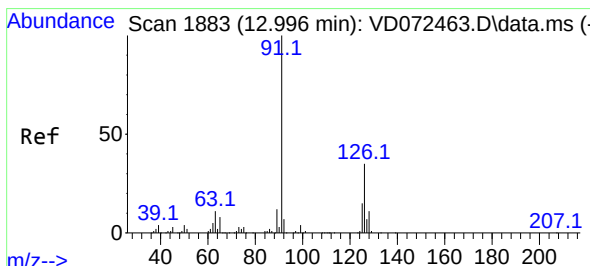
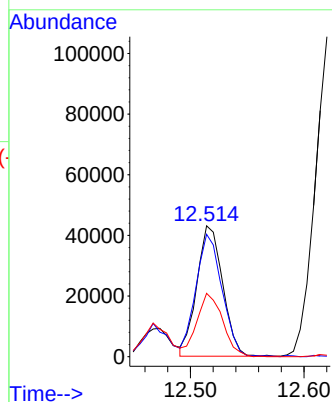
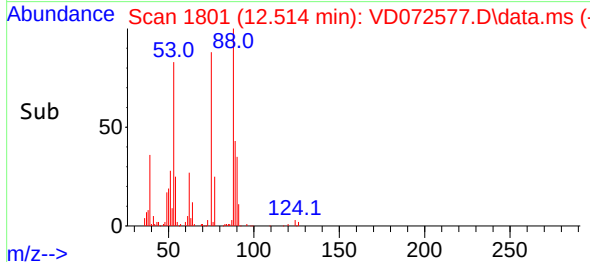
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



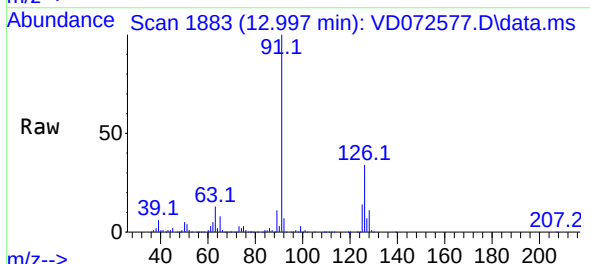
Tgt Ion: 75 Resp: 68069
Ion Ratio Lower Upper
75 100
53 95.7 86.5 129.7
89 48.8 33.9 50.9

Manual Integrations
APPROVED

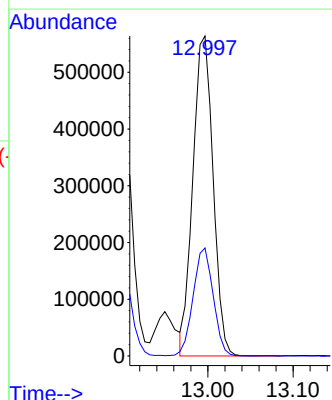
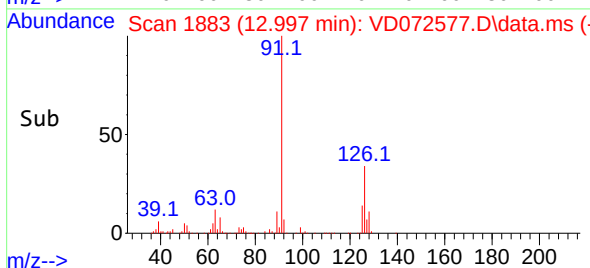
Reviewed By :John Carlone 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022

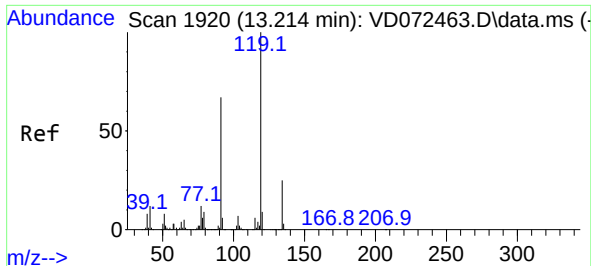


#82
4-Chlorotoluene
Concen: 51.792 ug/l
RT: 12.997 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD072577.D
Acq: 11 Apr 2022 09:52



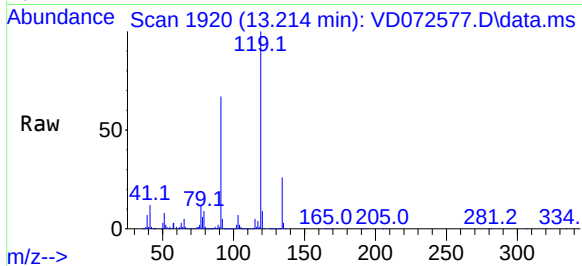
Tgt Ion: 91 Resp: 928299
Ion Ratio Lower Upper
91 100
126 33.6 16.5 49.5





#83
tert-Butylbenzene
Concen: 53.334 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD072577.D
Acq: 11 Apr 2022 09:52

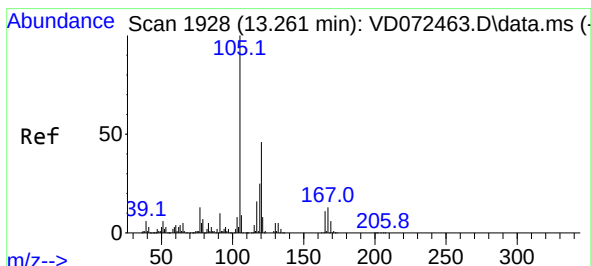
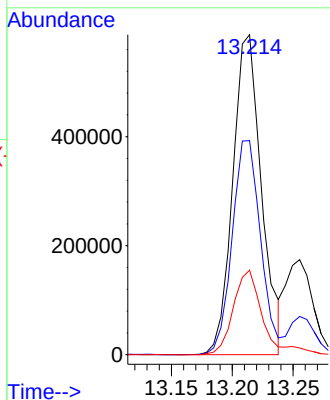
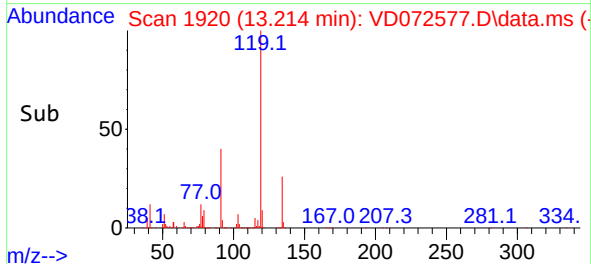
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



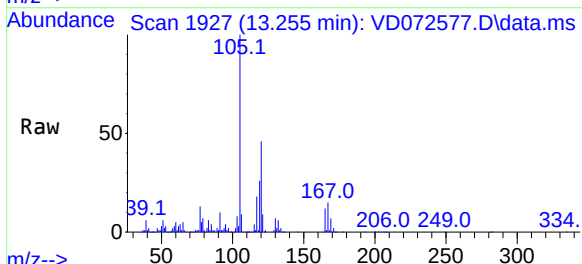
Tgt Ion:119 Resp: 964617
Ion Ratio Lower Upper
119 100
91 66.1 34.8 104.5
134 27.1 13.3 39.9

Manual Integrations
APPROVED

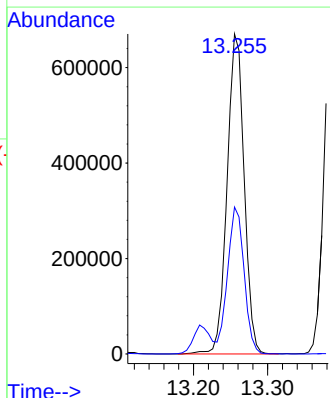
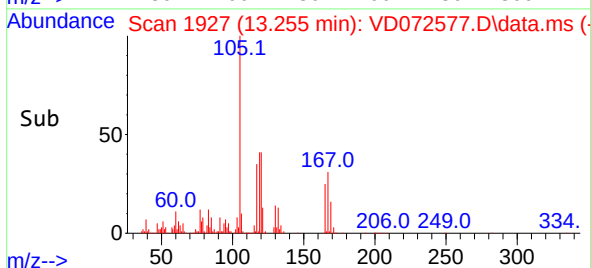
Reviewed By :John Carlone 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022

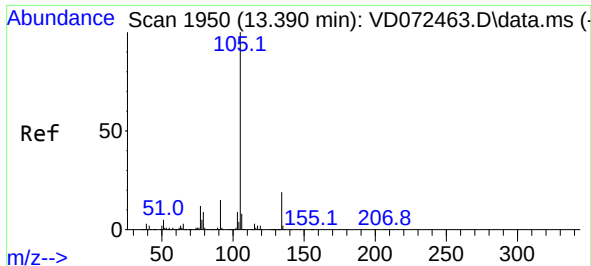


#84
1,2,4-Trimethylbenzene
Concen: 52.441 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD072577.D
Acq: 11 Apr 2022 09:52



Tgt Ion:105 Resp: 1071346
Ion Ratio Lower Upper
105 100
120 44.4 22.3 66.8





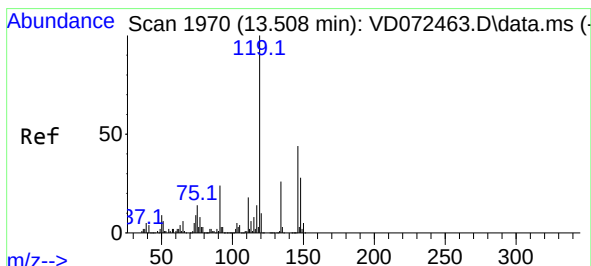
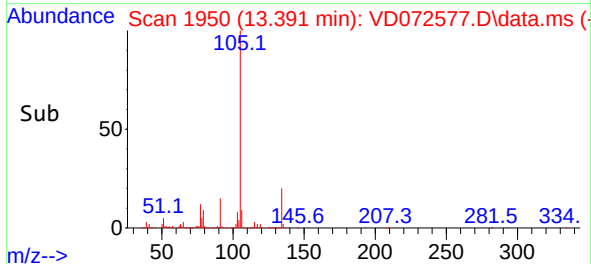
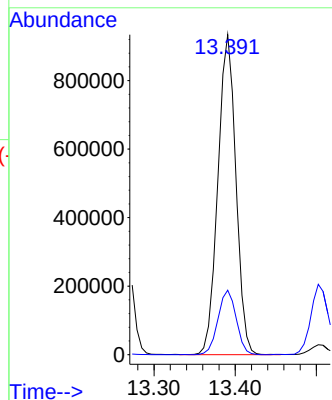
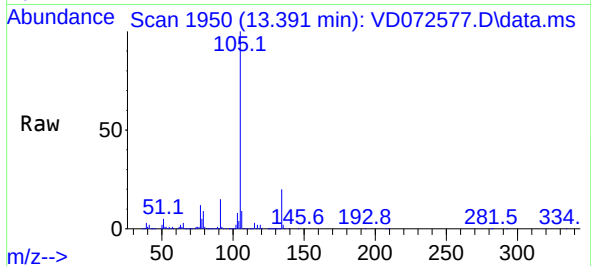
#85
 sec-Butylbenzene
 Concen: 52.859 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VD072577.D
 Acq: 11 Apr 2022 09:52

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 1440034
 Ion Ratio Lower Upper
 105 100
 134 20.4 9.8 29.3

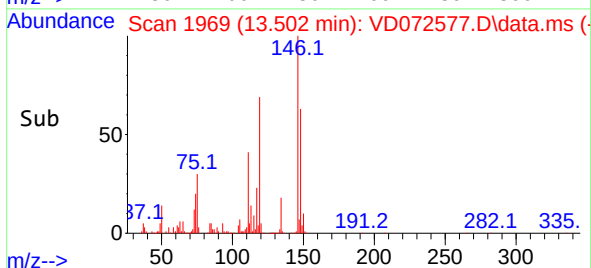
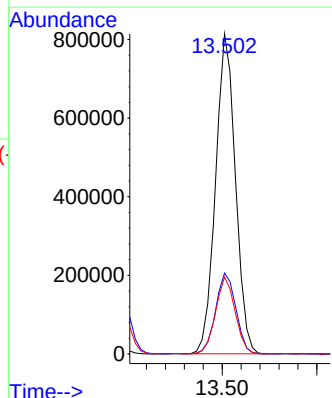
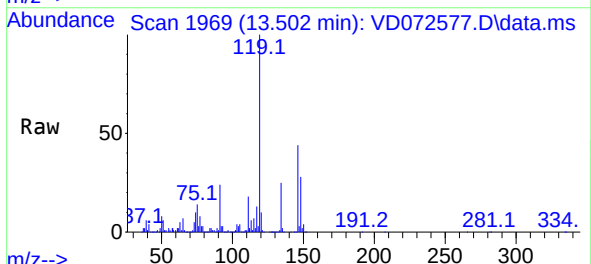
Manual Integrations
 APPROVED

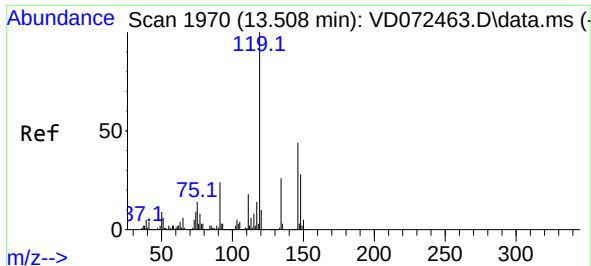
Reviewed By :John Carlone 04/12/2022
 Supervised By :Mahesh Dadoda 04/12/2022



#86
 p-Isopropyltoluene
 Concen: 53.281 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.006 min
 Lab File: VD072577.D
 Acq: 11 Apr 2022 09:52

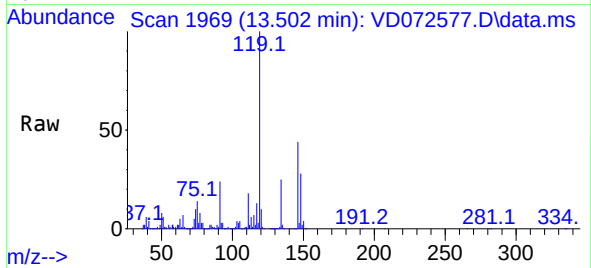
Tgt Ion:119 Resp: 1186469
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.9 38.6
 91 23.6 12.1 36.3





#87
1,3-Dichlorobenzene
Concen: 51.574 ug/l
RT: 13.502 min Scan# 1970
Delta R.T. -0.006 min
Lab File: VD072577.D
Acq: 11 Apr 2022 09:52

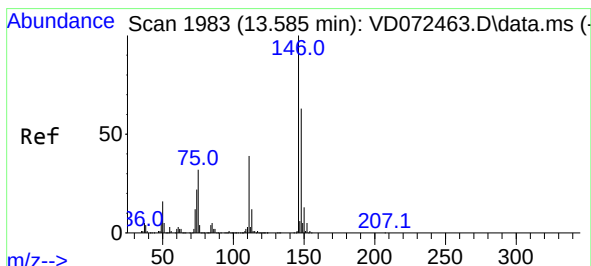
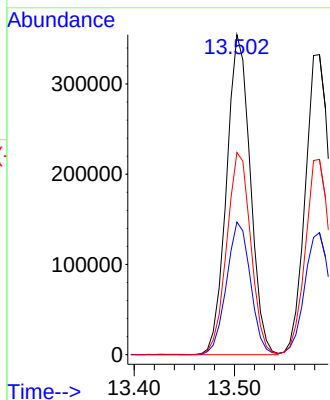
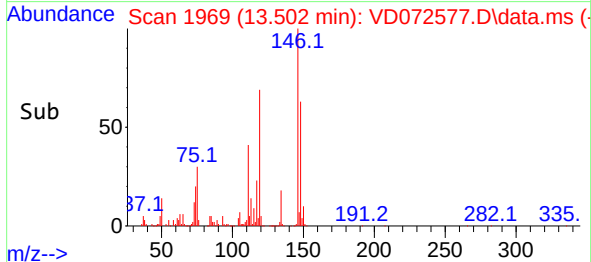
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



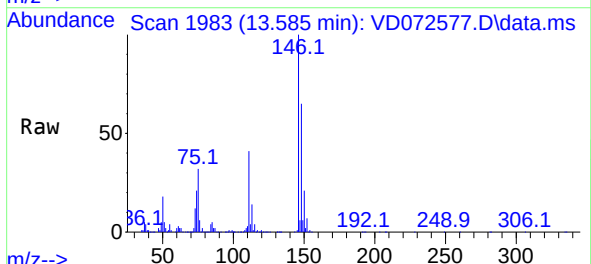
Tgt Ion:146 Resp: 584307
Ion Ratio Lower Upper
146 100
111 41.9 20.4 61.3
148 64.0 31.9 95.7

Manual Integrations
APPROVED

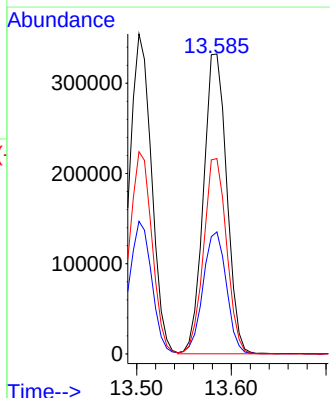
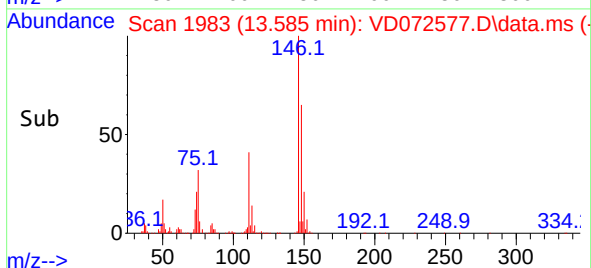
Reviewed By :John Carlone 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022

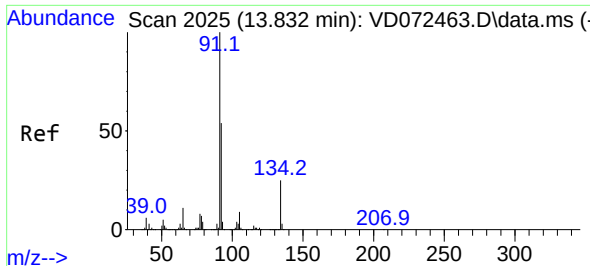


#88
1,4-Dichlorobenzene
Concen: 49.774 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VD072577.D
Acq: 11 Apr 2022 09:52



Tgt Ion:146 Resp: 568351
Ion Ratio Lower Upper
146 100
111 40.9 20.3 60.9
148 64.7 31.7 95.1





#89
n-Butylbenzene
Concen: 53.592 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. 0.000 min
Lab File: VD072577.D
Acq: 11 Apr 2022 09:52

Instrument :

MSVOA_D

ClientSampleId :

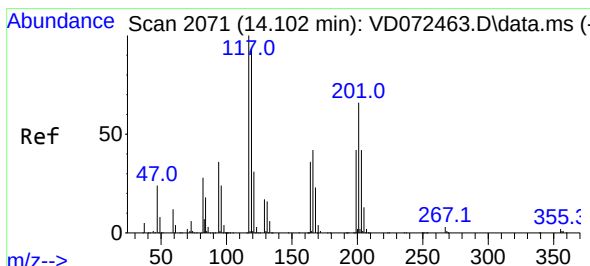
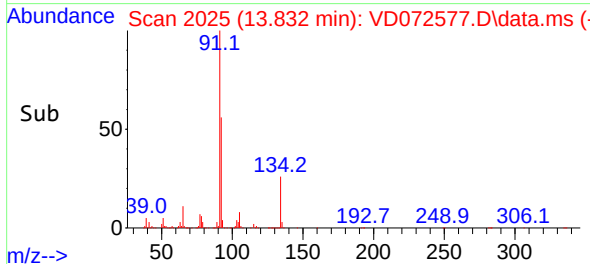
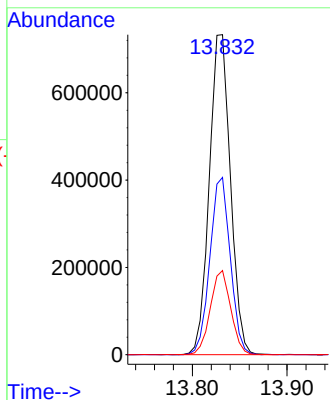
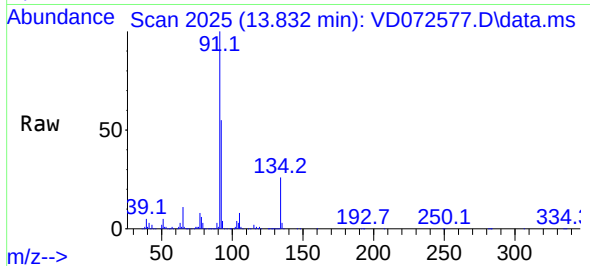
VSTDCCC050

Tgt Ion: 91 Resp: 1136849
Ion Ratio Lower Upper
91 100
92 53.5 26.6 79.8
134 25.5 12.3 36.9

Manual Integrations

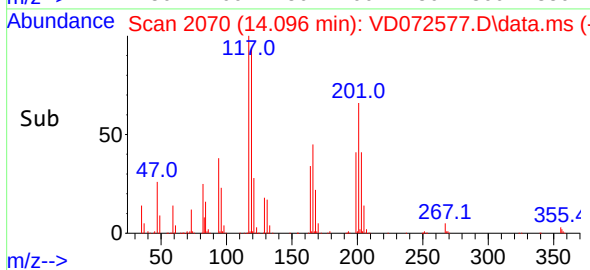
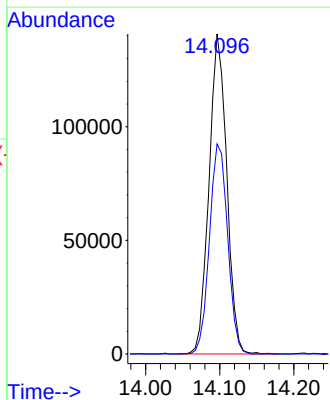
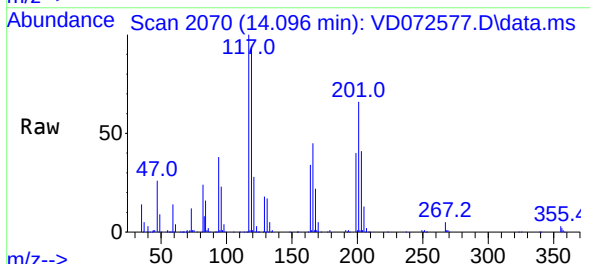
APPROVED

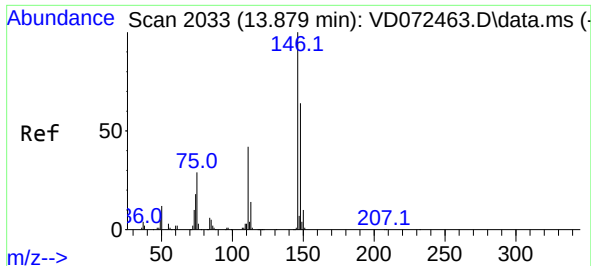
Reviewed By :John Carlone 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022



#90
Hexachloroethane
Concen: 51.359 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. -0.006 min
Lab File: VD072577.D
Acq: 11 Apr 2022 09:52

Tgt Ion:117 Resp: 234127
Ion Ratio Lower Upper
117 100
201 67.3 33.4 100.2





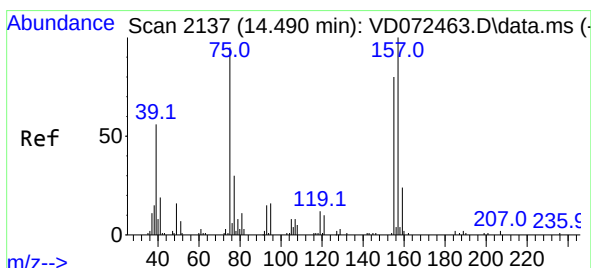
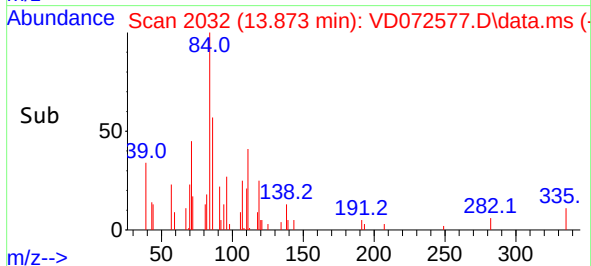
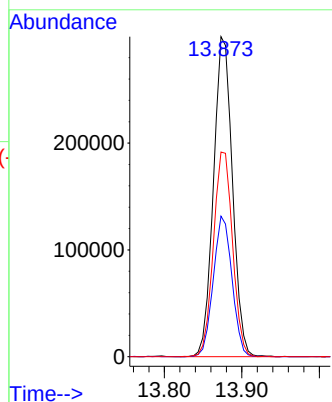
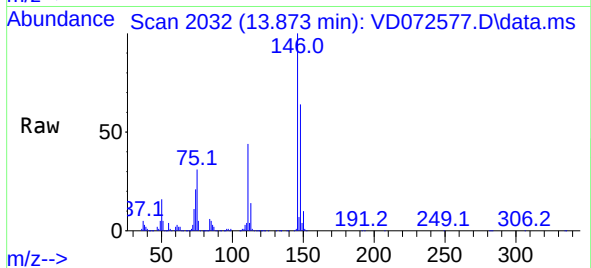
#91
1,2-Dichlorobenzene
Concen: 51.121 ug/l
RT: 13.873 min Scan# 2033
Delta R.T. -0.006 min
Lab File: VD072577.D
Acq: 11 Apr 2022 09:52

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 51083
Ion Ratio Lower Upper
146 100
111 43.4 21.1 63.3
148 64.6 31.7 95.1

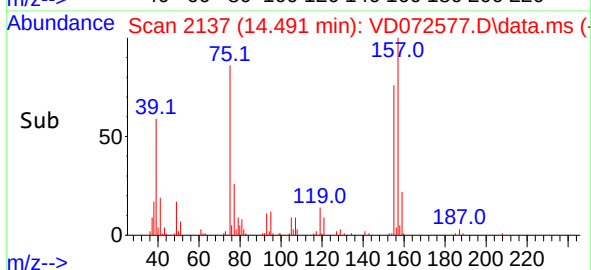
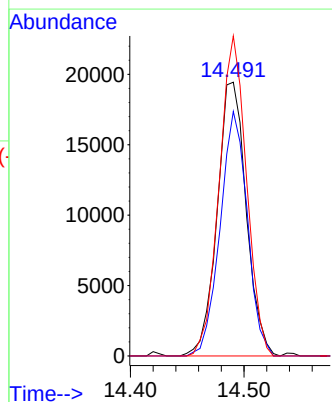
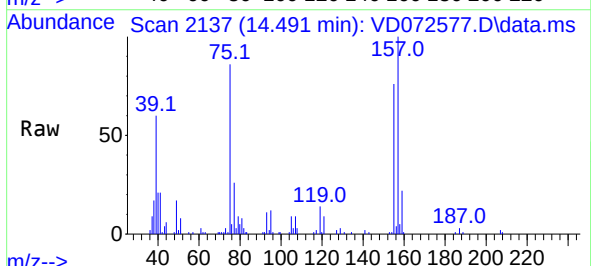
Manual Integrations
APPROVED

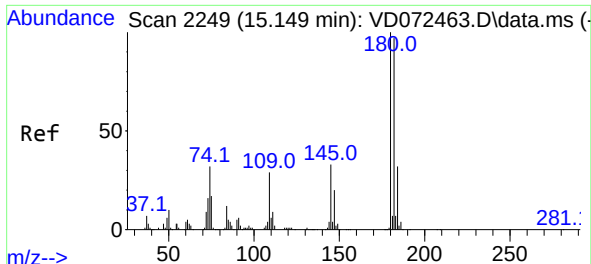
Reviewed By :John Carlone 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.604 ug/l
RT: 14.491 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VD072577.D
Acq: 11 Apr 2022 09:52

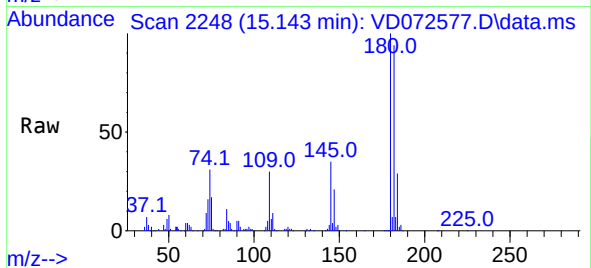
Tgt Ion: 75 Resp: 34579
Ion Ratio Lower Upper
75 100
155 83.5 36.8 110.3
157 109.7 48.4 145.0





#93
1,2,4-Trichlorobenzene
Concen: 51.117 ug/l
RT: 15.143 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD072577.D
Acq: 11 Apr 2022 09:52

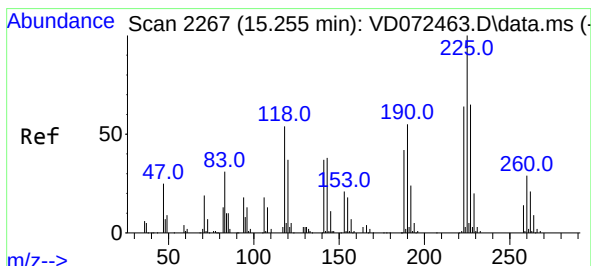
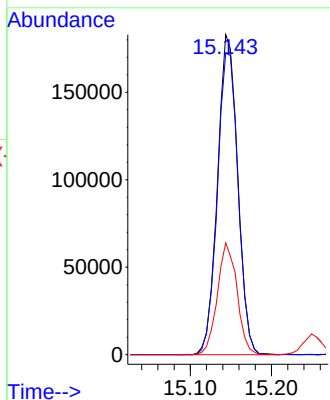
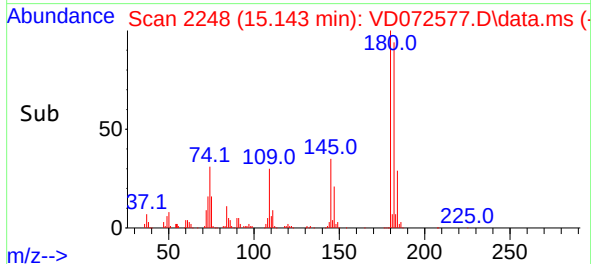
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



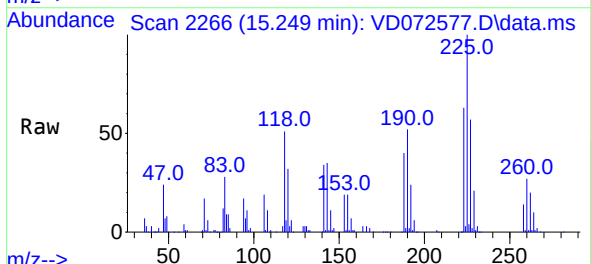
Tgt Ion:180 Resp: 316615
Ion Ratio Lower Upper
180 100
182 96.7 47.3 142.0
145 34.0 16.2 48.5

Manual Integrations
APPROVED

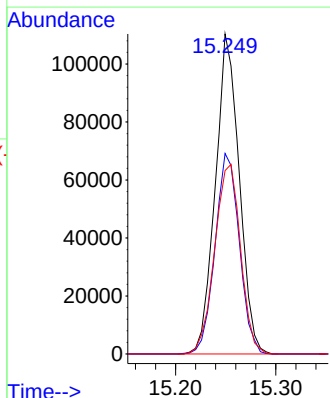
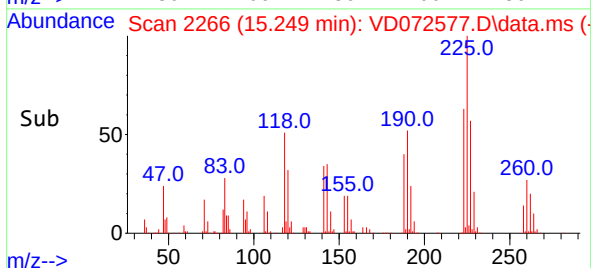
Reviewed By :John Carlone 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022

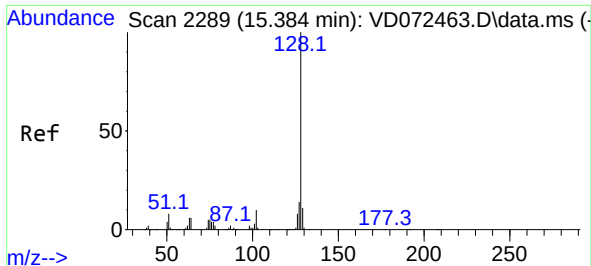


#94
Hexachlorobutadiene
Concen: 52.544 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. -0.006 min
Lab File: VD072577.D
Acq: 11 Apr 2022 09:52



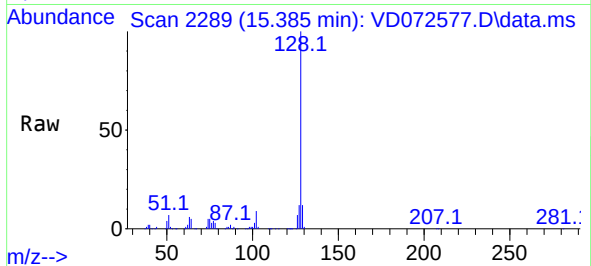
Tgt Ion:225 Resp: 182299
Ion Ratio Lower Upper
225 100
223 63.6 31.1 93.2
227 64.2 32.4 97.0





#95
Naphthalene
Concen: 47.955 ug/l
RT: 15.385 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD072577.D
Acq: 11 Apr 2022 09:52

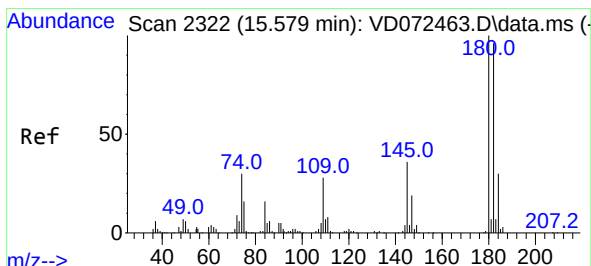
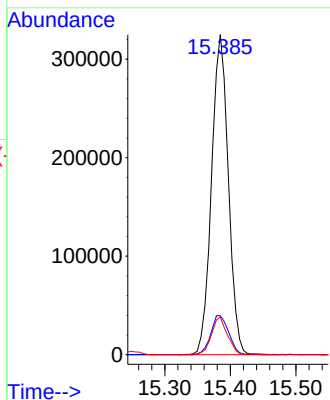
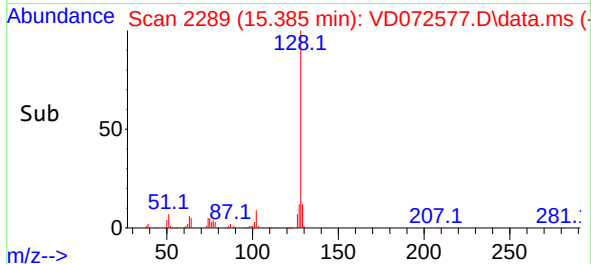
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



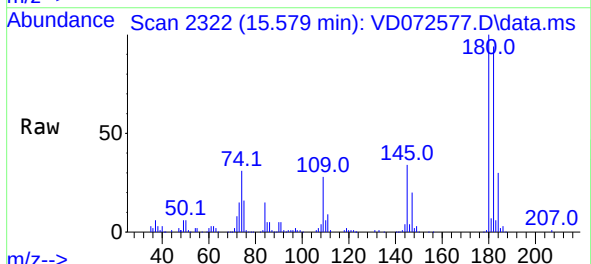
Tgt Ion:128 Resp: 577149
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.1 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/12/2022
Supervised By :Mahesh Dadoda 04/12/2022



#96
1,2,3-Trichlorobenzene
Concen: 51.878 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VD072577.D
Acq: 11 Apr 2022 09:52



Tgt Ion:180 Resp: 280446
Ion Ratio Lower Upper
180 100
182 94.2 47.6 142.9
145 34.3 17.1 51.3

