

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081921\
 Data File : VV021877.D
 Acq On : 19 Aug 2021 09:31
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050309

Quant Time: Aug 20 02:12:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM081621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 19 01:14:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	424031	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	401617	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	213248	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	145596	43.921	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.840%
7) Chloroethane-d5	1.558	69	113442	45.349	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.700%
11) 1,1-Dichloroethene-d2	2.104	63	224806	42.604	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.200%
21) 2-Butanone-d5	3.870	46	208859	101.305	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.310%
24) Chloroform-d	4.346	84	276117	48.077	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.160%
26) 1,2-Dichloroethane-d4	5.027	65	159375	48.243	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.480%
32) Benzene-d6	5.046	84	546392	47.311	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.620%
36) 1,2-Dichloropropane-d6	6.069	67	169935	47.250	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.500%
41) Toluene-d8	7.316	98	510808	47.852	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.700%
43) trans-1,3-Dichloroprop...	7.622	79	81085	45.811	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.620%
47) 2-Hexanone-d5	8.085	63	127832	108.447	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.450%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	233864	52.473	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.940%
66) 1,2-Dichlorobenzene-d4	11.625	152	208254	47.189	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.380%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	154859	47.206	ug/L	99
3) Chloromethane	1.240	50	162402	47.669	ug/L	100
5) Vinyl chloride	1.310	62	162019	48.296	ug/L	100
6) Bromomethane	1.506	94	101466	50.321	ug/L	98
8) Chloroethane	1.577	64	97952	48.862	ug/L	99
9) Trichlorofluoromethane	1.748	101	227820	49.565	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	122974	46.730	ug/L	100
12) 1,1-Dichloroethene	2.114	96	113723	45.370	ug/L	94
13) Acetone	2.156	43	184548	108.788	ug/L #	100
14) Carbon disulfide	2.288	76	402172	47.686	ug/L	100
15) Methyl Acetate	2.423	43	165968	53.255	ug/L	98
16) Methylene chloride	2.503	84	160558	46.051	ug/L	99
17) trans-1,2-Dichloroethene	2.754	96	147954	50.302	ug/L	96
18) Methyl tert-butyl Ether	2.764	73	464574	51.358	ug/L	99
19) 1,1-Dichloroethane	3.185	63	263517	50.330	ug/L	99
20) cis-1,2-Dichloroethene	3.908	96	162153	47.609	ug/L	97
22) 2-Butanone	3.953	43	260661	105.509	ug/L	98
23) Bromochloromethane	4.246	128	85098	47.093	ug/L	99
25) Chloroform	4.371	83	271180	48.136	ug/L	99

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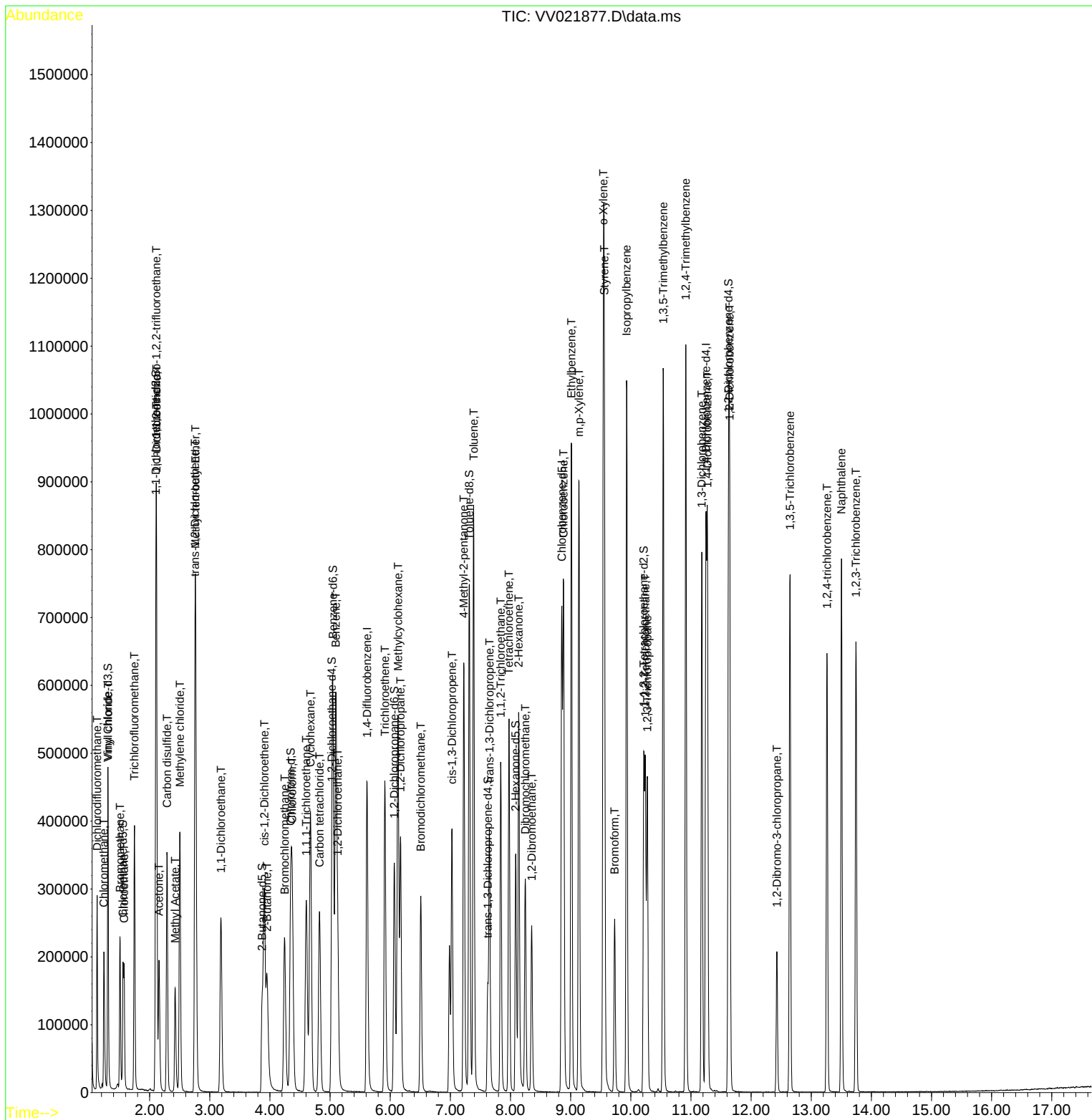
Instrument :
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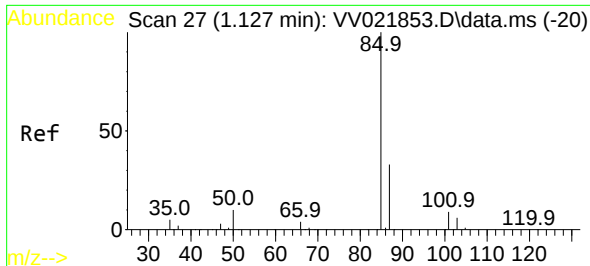
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	185709	46.786	ug/L	99
29) Cyclohexane	4.673	56	231695	46.842	ug/L	99
30) 1,1,1-Trichloroethane	4.606	97	236628	47.086	ug/L	99
31) Carbon tetrachloride	4.825	117	206043	47.383	ug/L	99
33) Benzene	5.095	78	596756	48.285	ug/L	100
34) Trichloroethene	5.911	95	158414	44.604	ug/L	97
35) Methylcyclohexane	6.130	83	247738	47.813	ug/L	99
37) 1,2-Dichloropropane	6.172	63	151402	48.380	ug/L	100
38) Bromodichloromethane	6.509	83	194937	47.262	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	232391	46.897	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	416421	96.735	ug/L	99
42) Toluene	7.387	91	643238	48.731	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	220370	47.189	ug/L	100
45) 1,1,2-Trichloroethane	7.837	97	150292	47.941	ug/L	98
46) Tetrachloroethene	7.976	164	128391	48.643	ug/L	99
48) 2-Hexanone	8.136	43	340037	101.976	ug/L	98
49) Dibromochloromethane	8.246	129	165645	47.857	ug/L	97
50) 1,2-Dibromoethane	8.352	107	163604	47.956	ug/L	100
51) Chlorobenzene	8.882	112	410659	47.650	ug/L	99
52) Ethylbenzene	9.011	91	676265	48.023	ug/L	99
53) m,p-Xylene	9.140	106	265353	48.620	ug/L	98
54) o-Xylene	9.545	106	261756	48.385	ug/L	100
55) Styrene	9.561	104	446583	49.296	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.242	83	233007	53.391	ug/L	98
59) Bromoform	9.731	173	116195	45.836	ug/L	98
60) Isopropylbenzene	9.931	105	690077	48.268	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	187398	47.553	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	578939	48.255	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	590755	48.428	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	333111	48.113	ug/L	98
65) 1,4-Dichlorobenzene	11.275	146	333918	48.317	ug/L	100
67) 1,2-Dichlorobenzene	11.644	146	332798	47.649	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	47683	49.766	ug/L	99
69) 1,3,5-Trichlorobenzene	12.647	180	241051	48.031	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	203001	48.230	ug/L	99
71) Naphthalene	13.503	128	610611	49.942	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	206405	48.815	ug/L	99

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

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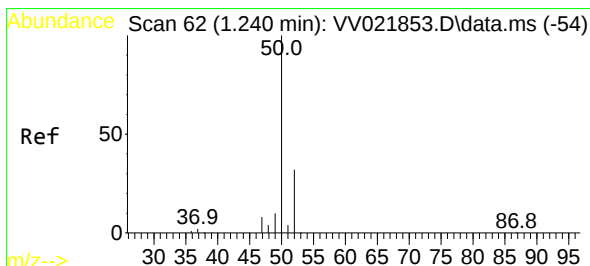
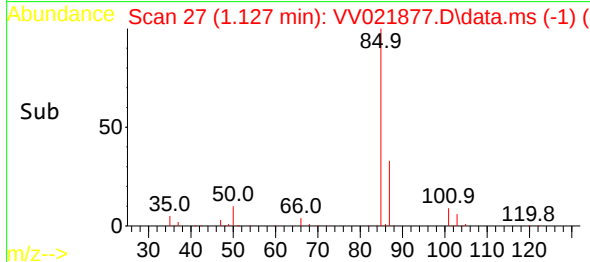
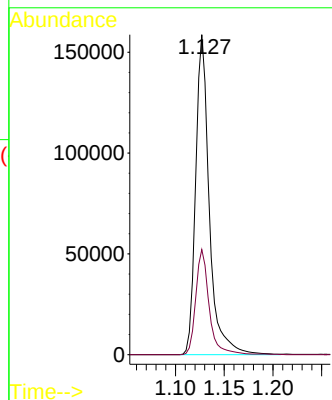
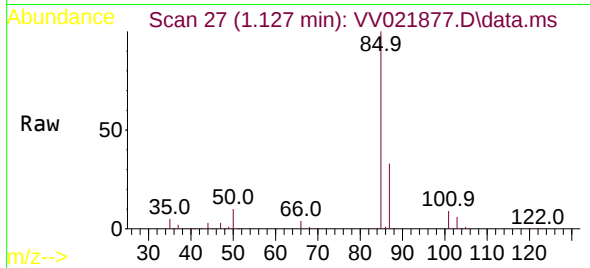




#2
 Dichlorodifluoromethane
 Concen: 47.206 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. -0.000 min
 Lab File: VV021877.D
 Acq: 19 Aug 2021 09:31

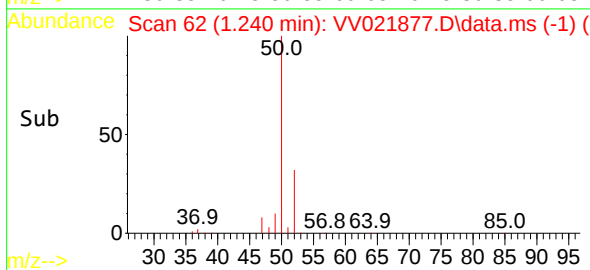
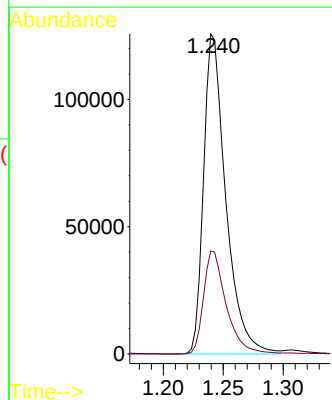
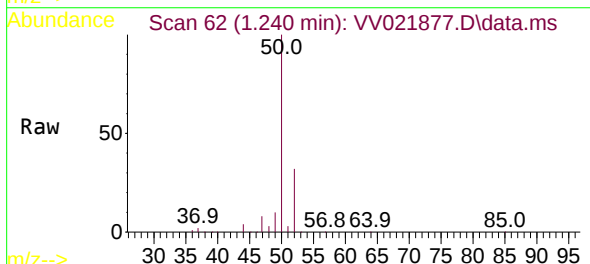
Instrument :
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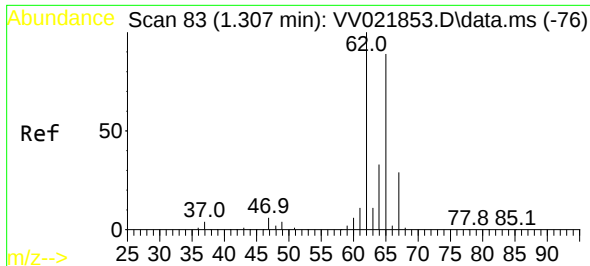
Tgt Ion: 85 Resp: 154859
 Ion Ratio Lower Upper
 85 100
 87 32.2 26.1 39.1



#3
 Chloromethane
 Concen: 47.669 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV021877.D
 Acq: 19 Aug 2021 09:31

Tgt Ion: 50 Resp: 162402
 Ion Ratio Lower Upper
 50 100
 52 32.2 22.7 42.1

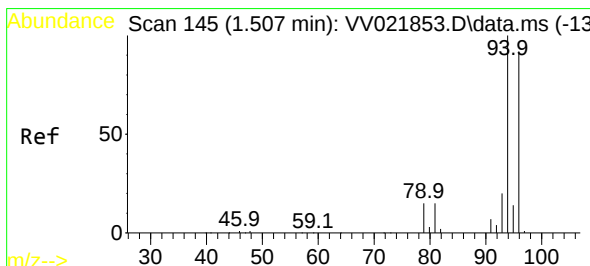
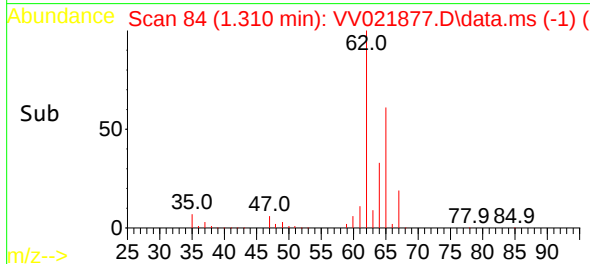
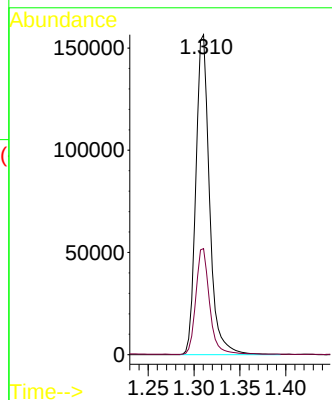
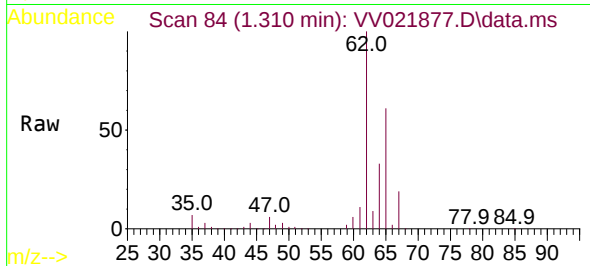




#5
 Vinyl chloride
 Concen: 48.296 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV021877.D
 Acq: 19 Aug 2021 09:31

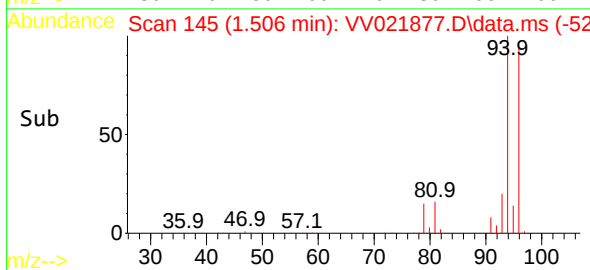
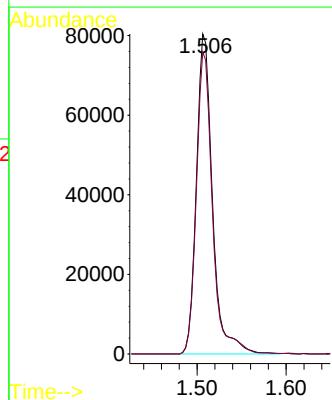
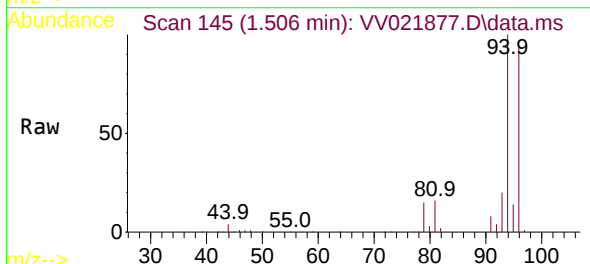
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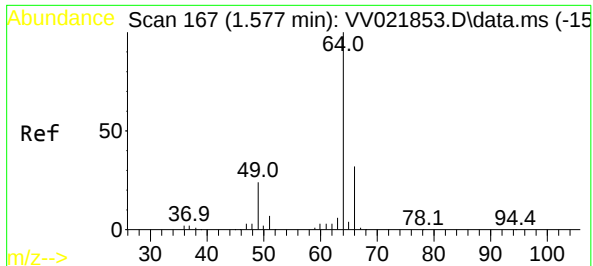
Tgt Ion: 62 Resp: 162019
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.4 43.4



#6
 Bromomethane
 Concen: 50.321 ug/L
 RT: 1.506 min Scan# 145
 Delta R.T. -0.000 min
 Lab File: VV021877.D
 Acq: 19 Aug 2021 09:31

Tgt Ion: 94 Resp: 101466
 Ion Ratio Lower Upper
 94 100
 96 94.4 64.8 120.3

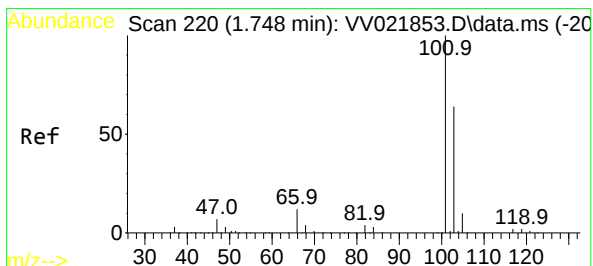
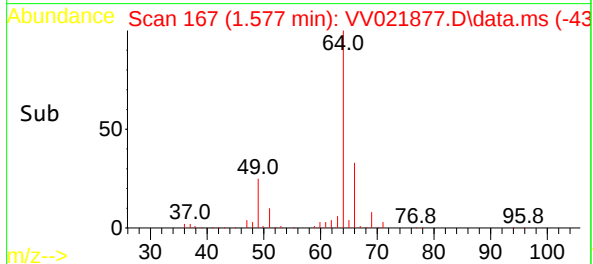
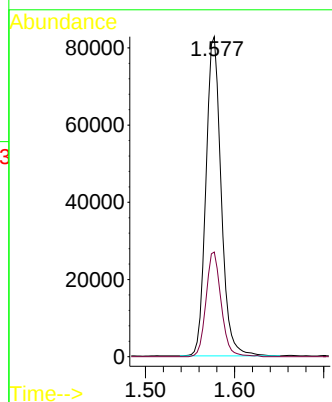
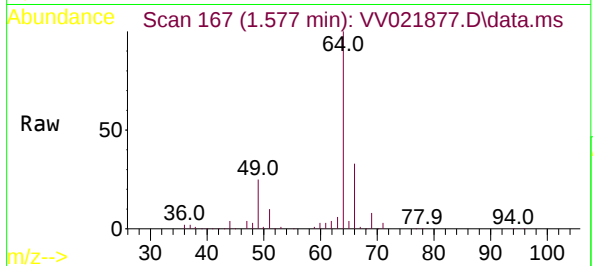




#8
Chloroethane
Concen: 48.862 ug/L
RT: 1.577 min Scan# 167
Delta R.T. -0.000 min
Lab File: VV021877.D
Acq: 19 Aug 2021 09:31

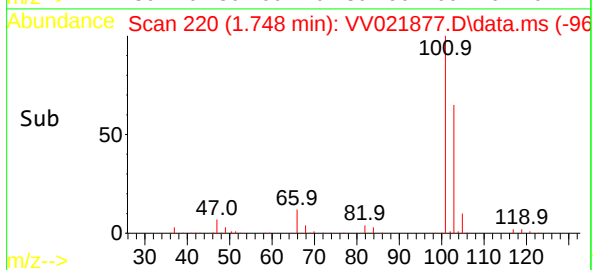
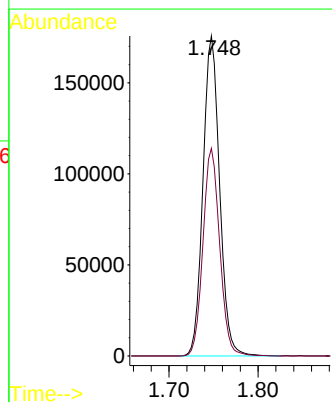
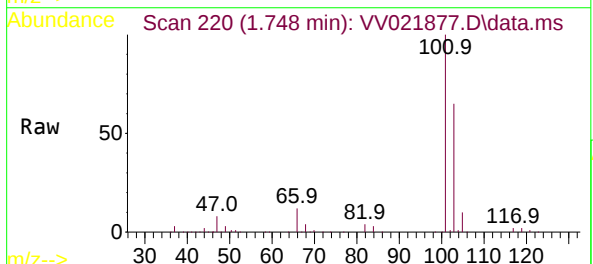
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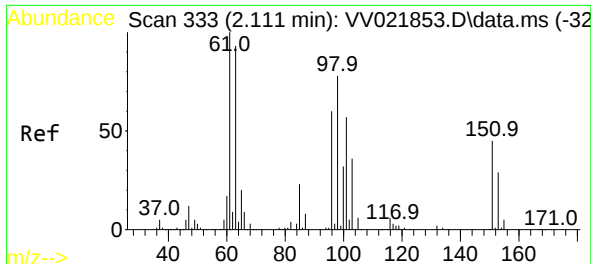
Tgt Ion: 64 Resp: 97952
Ion Ratio Lower Upper
64 100
66 32.7 22.6 42.0



#9
Trichlorofluoromethane
Concen: 49.565 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.000 min
Lab File: VV021877.D
Acq: 19 Aug 2021 09:31

Tgt Ion:101 Resp: 227820
Ion Ratio Lower Upper
101 100
103 65.1 51.8 77.8

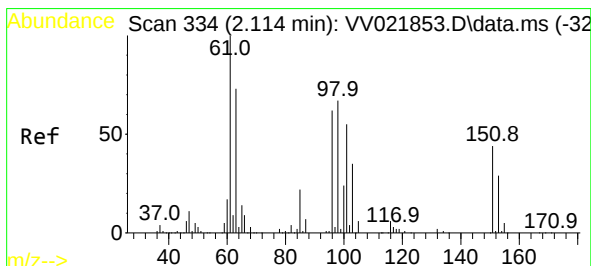
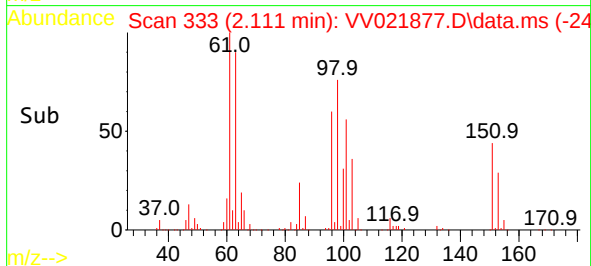
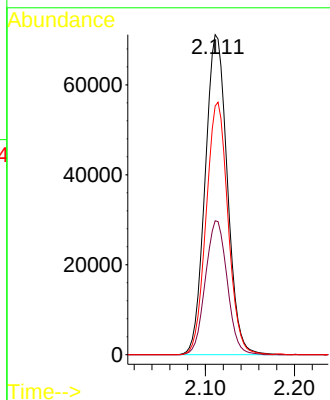
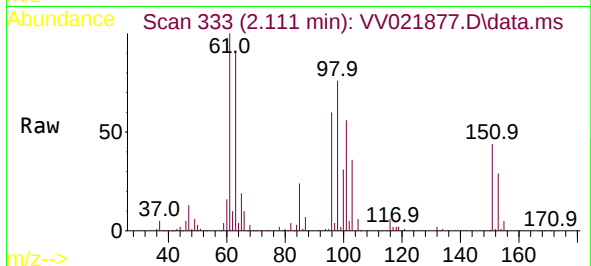




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 46.730 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.000 min
Lab File: VV021877.D
Acq: 19 Aug 2021 09:31

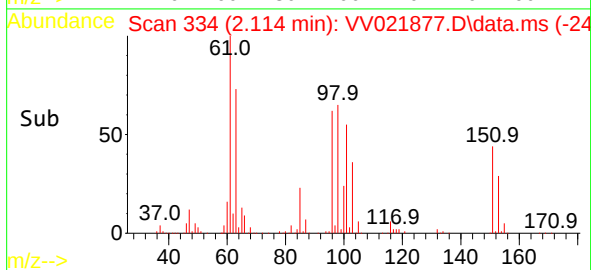
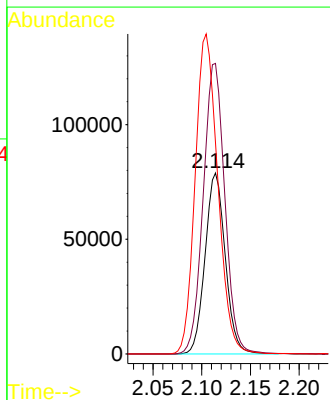
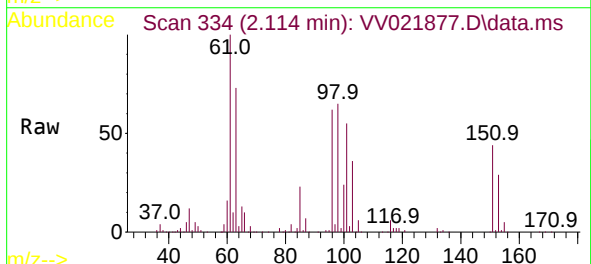
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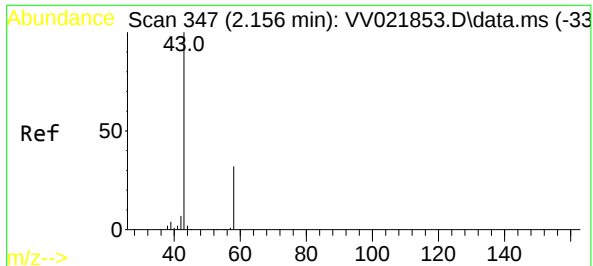
Tgt Ion:101 Resp: 122974
Ion Ratio Lower Upper
101 100
85 41.1 33.4 50.2
151 77.8 62.2 93.2



#12
1,1-Dichloroethene
Concen: 45.370 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV021877.D
Acq: 19 Aug 2021 09:31

Tgt Ion: 96 Resp: 113723
Ion Ratio Lower Upper
96 100
61 160.6 115.5 214.5
63 116.9 90.3 167.7

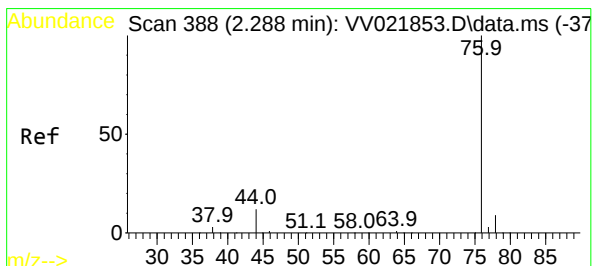
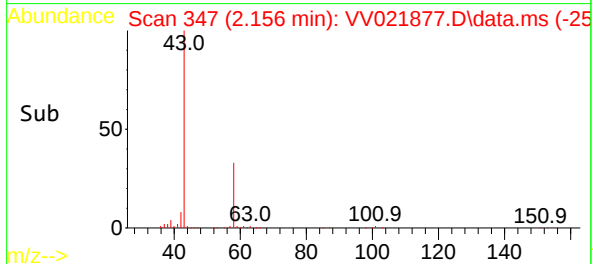
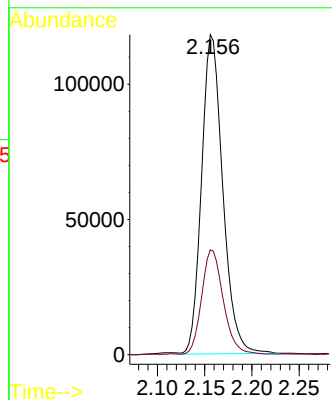
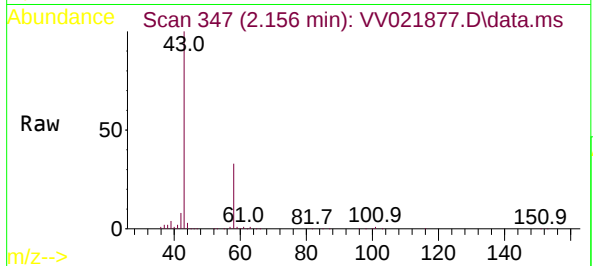




#13
Acetone
Concen: 108.788 ug/L
RT: 2.156 min Scan# 347
Delta R.T. -0.000 min
Lab File: VV021877.D
Acq: 19 Aug 2021 09:31

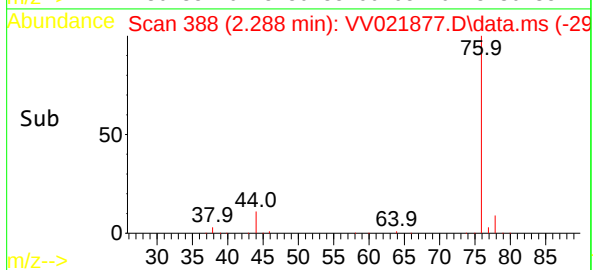
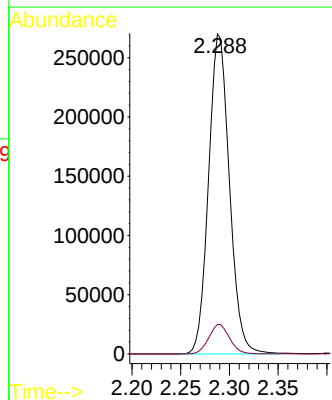
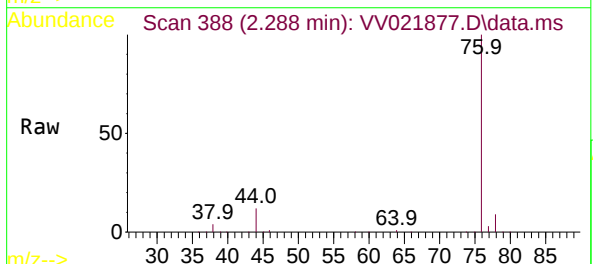
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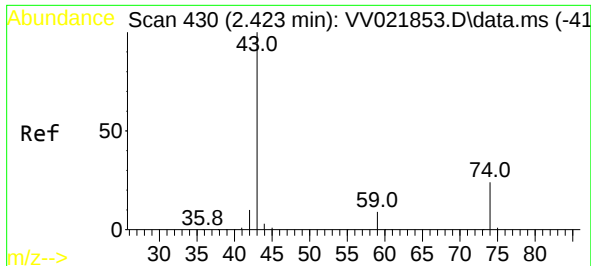
Tgt Ion: 43 Resp: 184548
Ion Ratio Lower Upper
43 100
58 33.2 0.0 0.0#



#14
Carbon disulfide
Concen: 47.686 ug/L
RT: 2.288 min Scan# 388
Delta R.T. -0.000 min
Lab File: VV021877.D
Acq: 19 Aug 2021 09:31

Tgt Ion: 76 Resp: 402172
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3

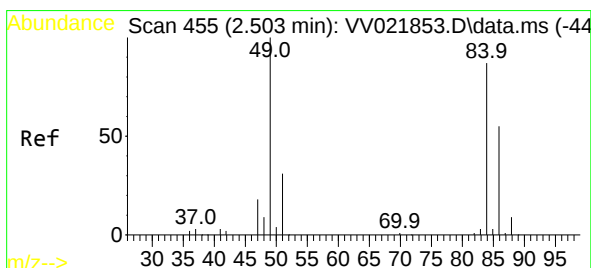
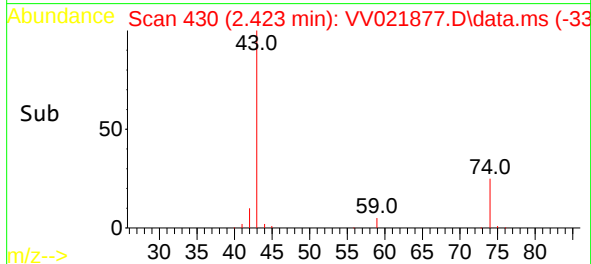
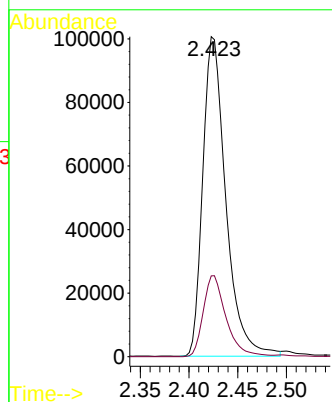
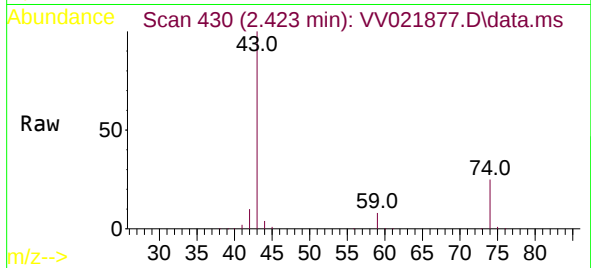




#15
Methyl Acetate
Concen: 53.255 ug/L
RT: 2.423 min Scan# 430
Delta R.T. -0.000 min
Lab File: VV021877.D
Acq: 19 Aug 2021 09:31

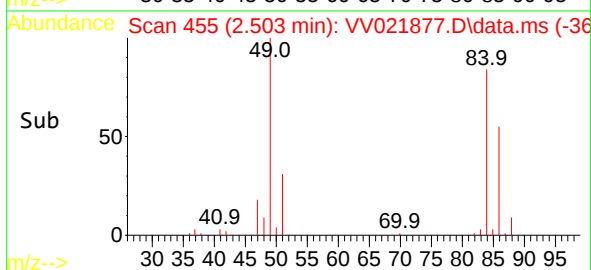
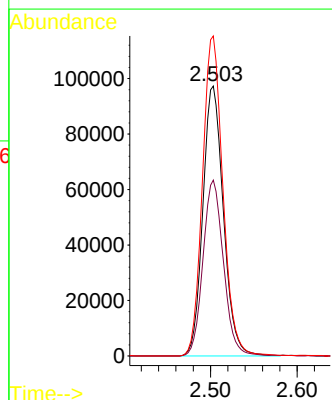
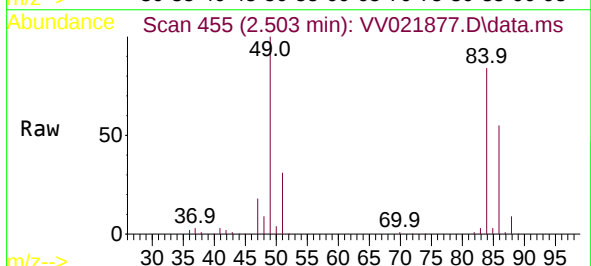
Instrument :
MSVOA_V
ClientSampleId :
VSTD050309

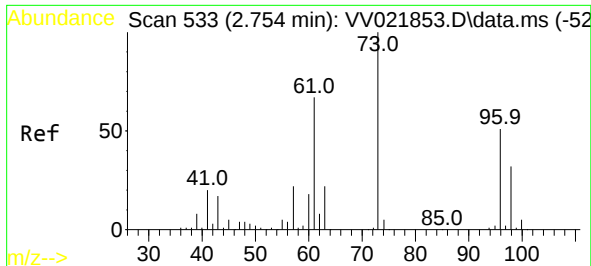
Tgt Ion: 43 Resp: 165968
Ion Ratio Lower Upper
43 100
74 25.0 19.0 28.6



#16
Methylene chloride
Concen: 46.051 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.000 min
Lab File: VV021877.D
Acq: 19 Aug 2021 09:31

Tgt Ion: 84 Resp: 160558
Ion Ratio Lower Upper
84 100
86 65.1 44.7 83.1
49 118.6 82.5 153.3

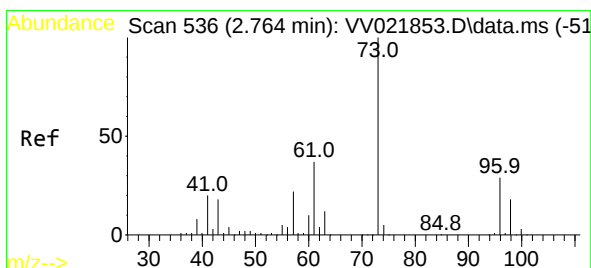
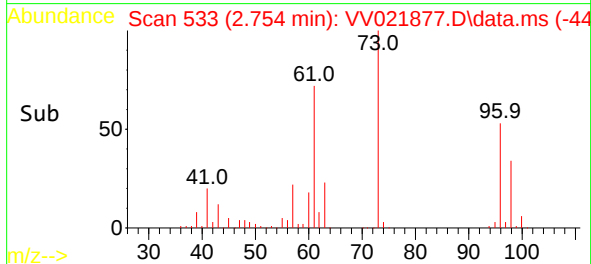
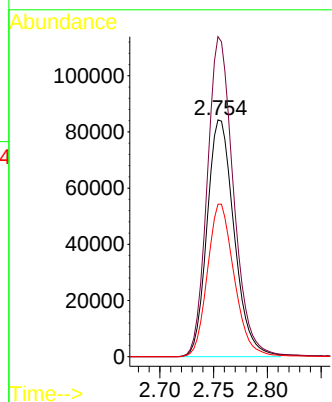
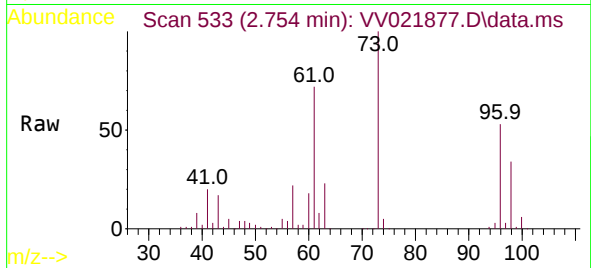




#17
trans-1,2-Dichloroethene
Concen: 50.302 ug/L
RT: 2.754 min Scan# 533
Delta R.T. -0.000 min
Lab File: VV021877.D
Acq: 19 Aug 2021 09:31

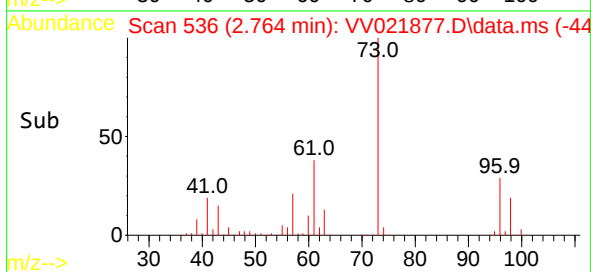
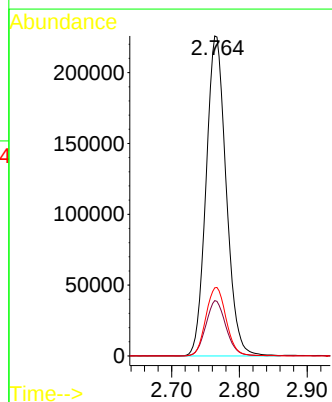
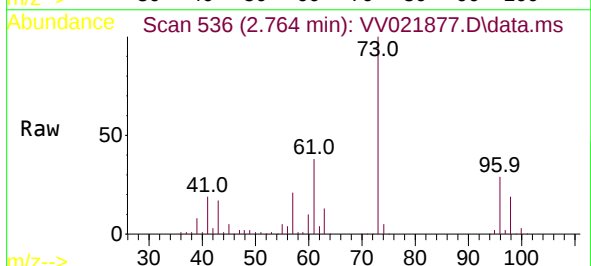
Instrument :
MSVOA_V
ClientSampleId :
VSTD050309

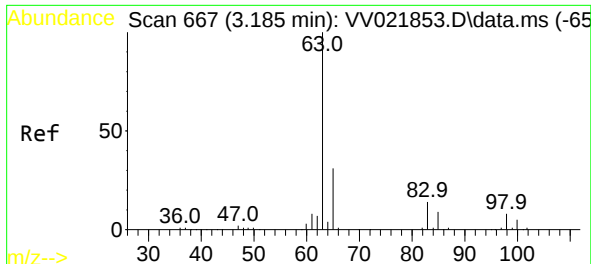
Tgt Ion: 96 Resp: 147954
Ion Ratio Lower Upper
96 100
61 135.1 90.4 168.0
98 64.4 44.4 82.5



#18
Methyl tert-butyl Ether
Concen: 51.358 ug/L
RT: 2.764 min Scan# 536
Delta R.T. -0.000 min
Lab File: VV021877.D
Acq: 19 Aug 2021 09:31

Tgt Ion: 73 Resp: 464574
Ion Ratio Lower Upper
73 100
43 17.2 14.2 21.4
57 21.7 17.7 26.5





#19

1,1-Dichloroethane

Concen: 50.330 ug/L

RT: 3.185 min Scan# 667

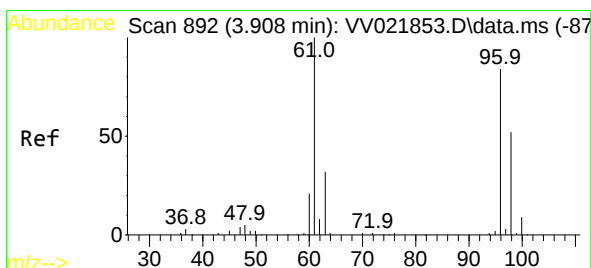
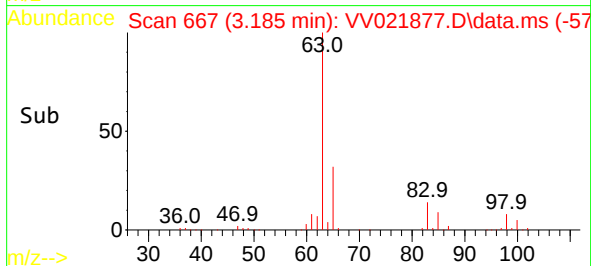
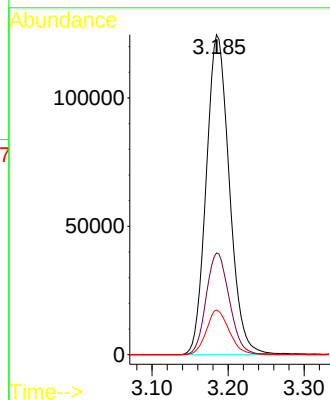
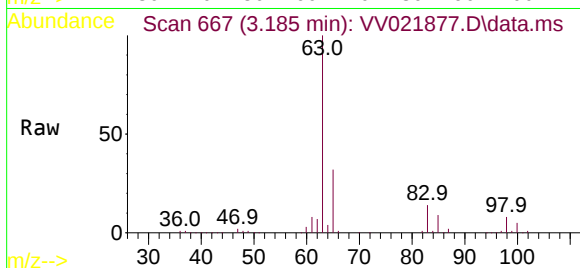
Delta R.T. -0.000 min

Lab File: VV021877.D

Acq: 19 Aug 2021 09:31

Tgt Ion: 63 Resp: 263517

Ion	Ratio	Lower	Upper
63	100		
65	31.8	21.8	40.6
83	13.9	9.6	17.8



#20

cis-1,2-Dichloroethene

Concen: 47.609 ug/L

RT: 3.908 min Scan# 892

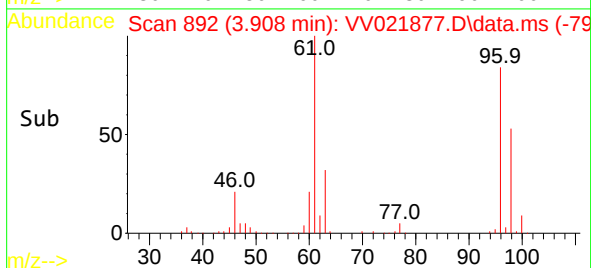
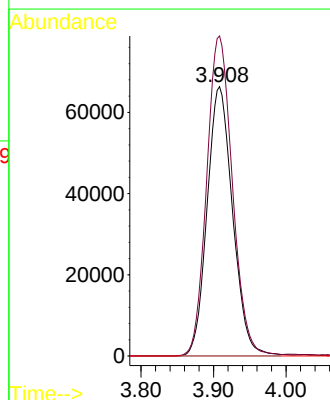
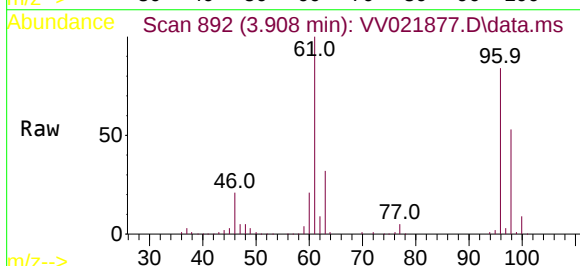
Delta R.T. -0.000 min

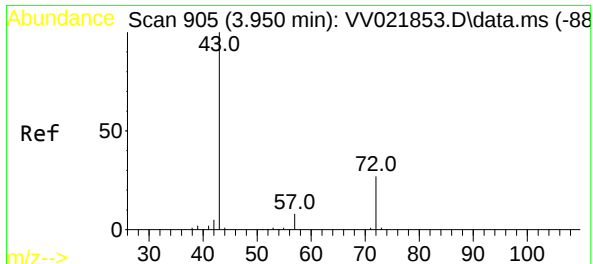
Lab File: VV021877.D

Acq: 19 Aug 2021 09:31

Tgt Ion: 96 Resp: 162153

Ion	Ratio	Lower	Upper
96	100		
61	118.9	81.0	150.4
68	0.0	0.0	0.0

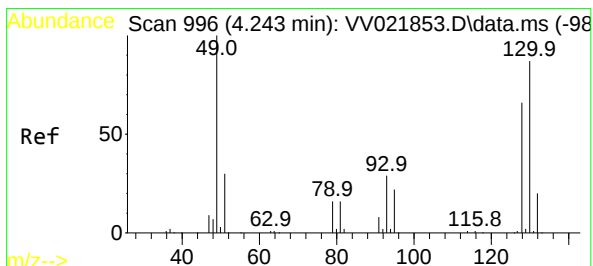
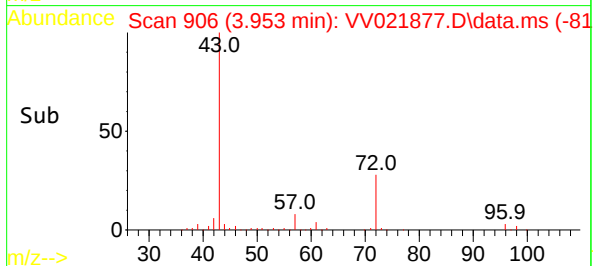
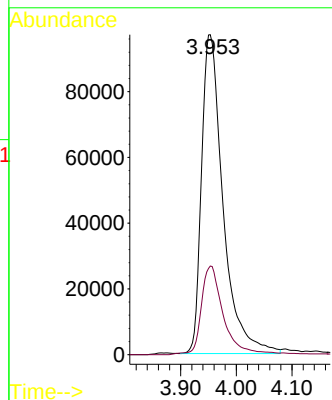
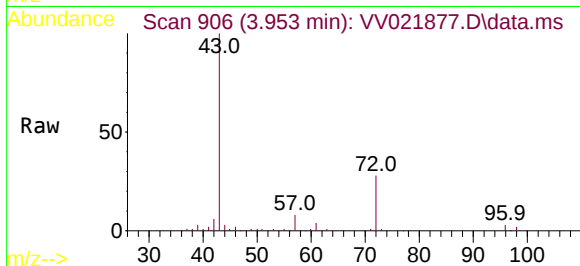




#22
2-Butanone
Concen: 105.509 ug/L
RT: 3.953 min Scan# 906
Delta R.T. 0.003 min
Lab File: VV021877.D
Acq: 19 Aug 2021 09:31

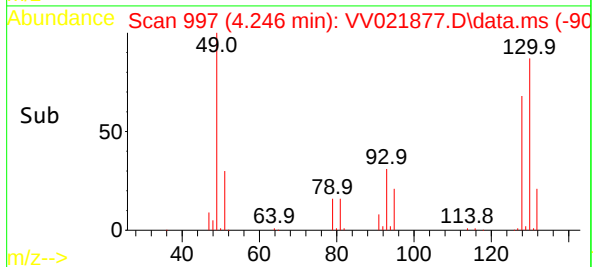
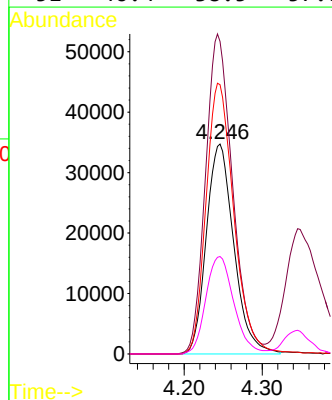
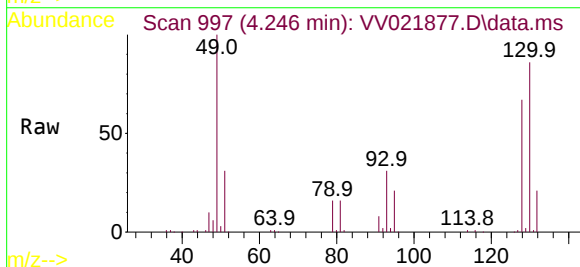
Instrument :
MSVOA_V
ClientSampleId :
VSTD050309

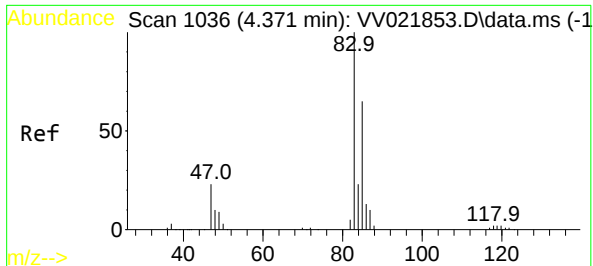
Tgt Ion: 43 Resp: 260661
Ion Ratio Lower Upper
43 100
72 28.4 13.6 40.8



#23
Bromochloromethane
Concen: 47.093 ug/L
RT: 4.246 min Scan# 997
Delta R.T. 0.003 min
Lab File: VV021877.D
Acq: 19 Aug 2021 09:31

Tgt Ion: 128 Resp: 85098
Ion Ratio Lower Upper
128 100
49 148.8 105.6 196.0
130 128.3 89.5 166.1
51 46.4 38.5 57.7



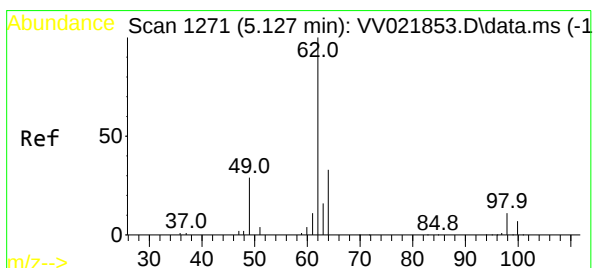
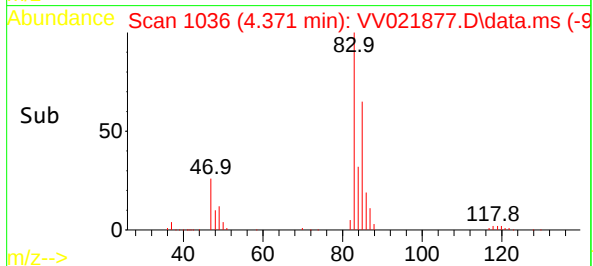
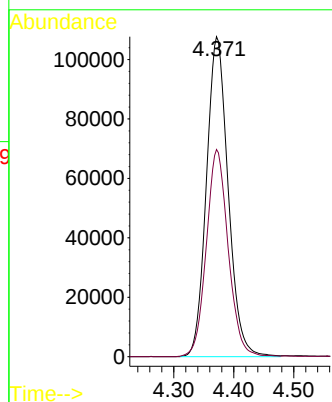
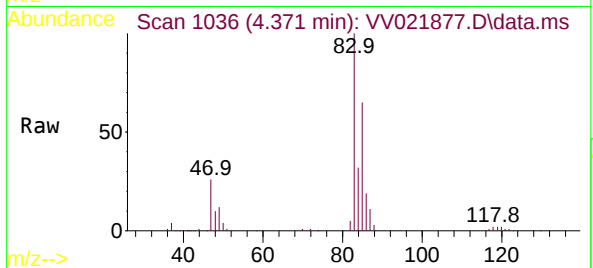


#25

Chloroform
Concen: 48.136 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VV021877.D
Acq: 19 Aug 2021 09:31

Instrument :
MSVOA_V
ClientSampleId :
VSTD050309

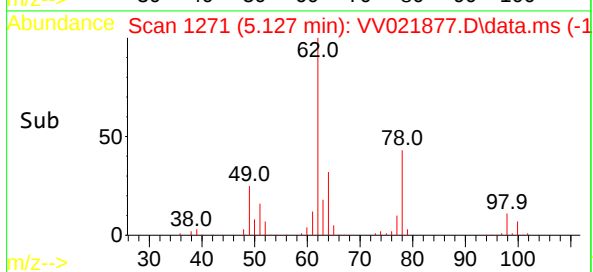
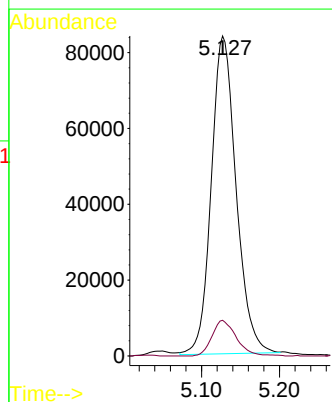
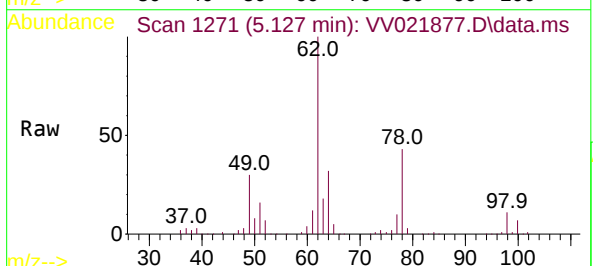
Tgt Ion: 83 Resp: 271180
Ion Ratio Lower Upper
83 100
85 64.7 44.8 83.2

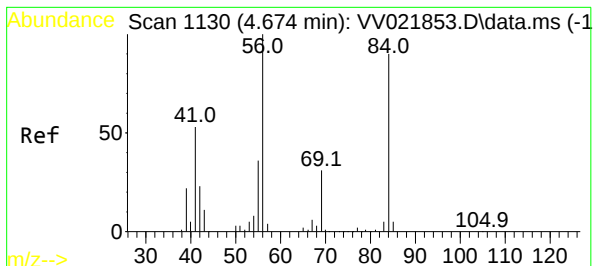


#27

1,2-Dichloroethane
Concen: 46.786 ug/L
RT: 5.127 min Scan# 1271
Delta R.T. -0.000 min
Lab File: VV021877.D
Acq: 19 Aug 2021 09:31

Tgt Ion: 62 Resp: 185709
Ion Ratio Lower Upper
62 100
98 11.1 8.6 13.0

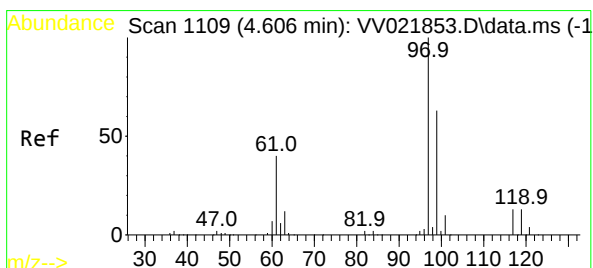
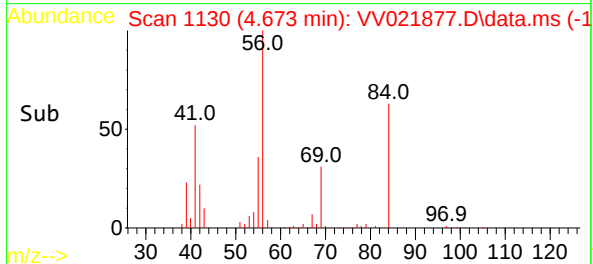
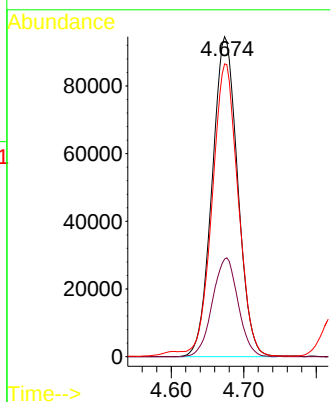
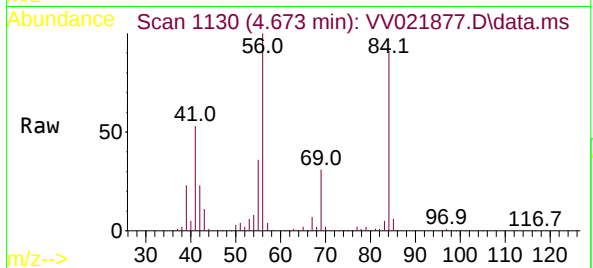




#29
Cyclohexane
Concen: 46.842 ug/L
RT: 4.673 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VV021877.D
Acq: 19 Aug 2021 09:31

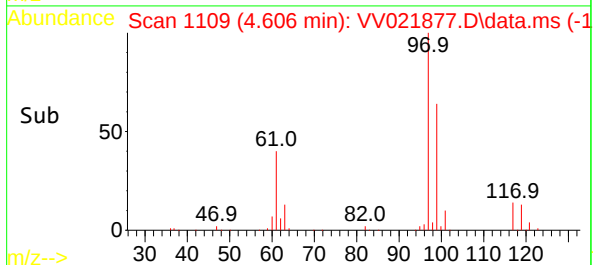
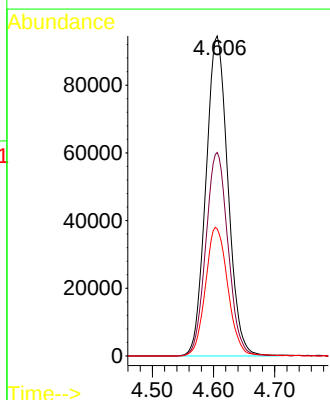
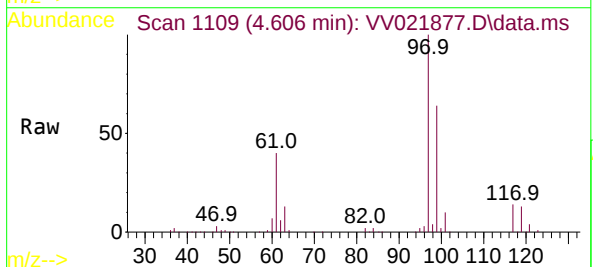
Instrument :
MSVOA_V
ClientSampleId :
VSTD050309

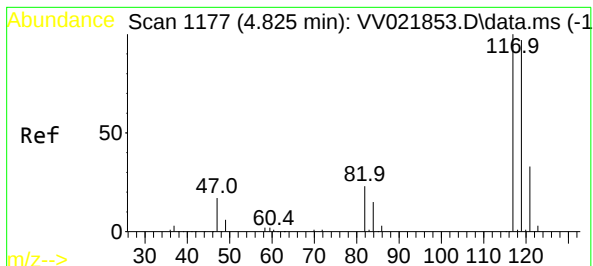
Tgt Ion: 56 Resp: 231695
Ion Ratio Lower Upper
56 100
69 31.0 24.9 37.3
84 92.2 72.6 109.0



#30
1,1,1-Trichloroethane
Concen: 47.086 ug/L
RT: 4.606 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VV021877.D
Acq: 19 Aug 2021 09:31

Tgt Ion: 97 Resp: 236628
Ion Ratio Lower Upper
97 100
99 64.2 51.0 76.4
61 40.7 32.3 48.5

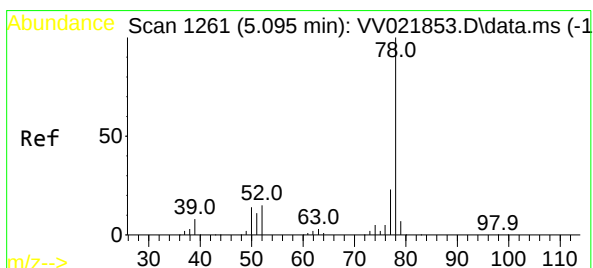
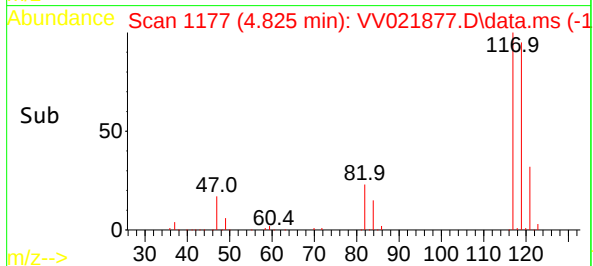
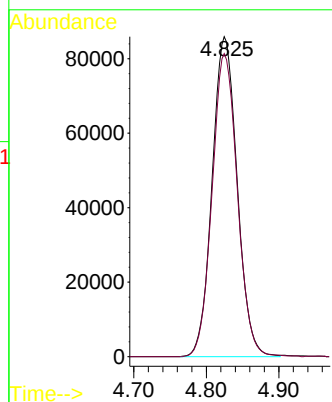
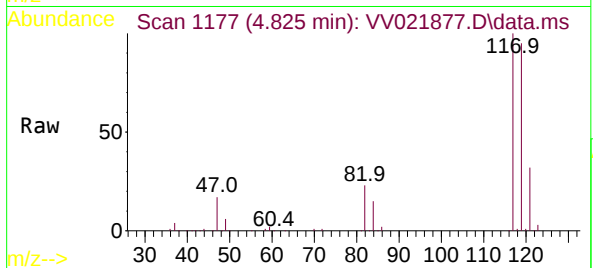




#31
Carbon tetrachloride
Concen: 47.383 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. -0.000 min
Lab File: VV021877.D
Acq: 19 Aug 2021 09:31

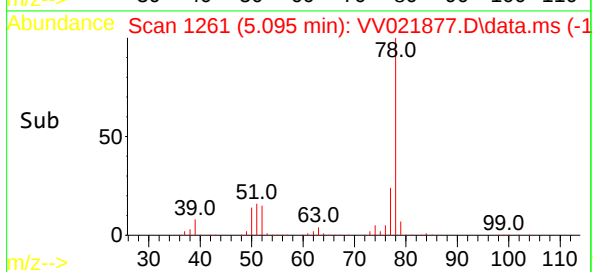
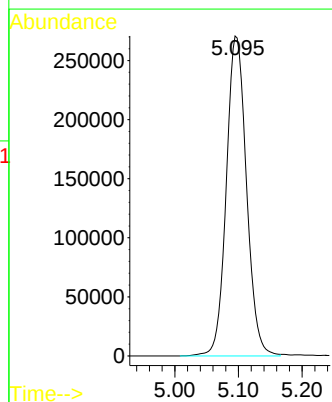
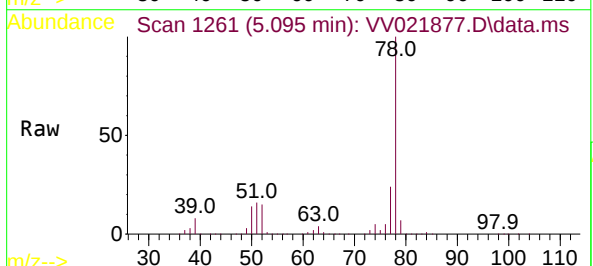
Instrument :
MSVOA_V
ClientSampleId :
VSTD050309

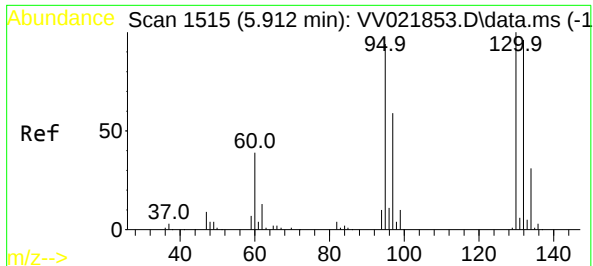
Tgt Ion:117 Resp: 206043
Ion Ratio Lower Upper
117 100
119 95.6 77.1 115.7



#33
Benzene
Concen: 48.285 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VV021877.D
Acq: 19 Aug 2021 09:31

Tgt Ion: 78 Resp: 596756





#34

Trichloroethene

Concen: 44.604 ug/L

RT: 5.911 min Scan# 1515

Delta R.T. -0.000 min

Lab File: VV021877.D

Acq: 19 Aug 2021 09:31

Tgt Ion: 95 Resp: 158414

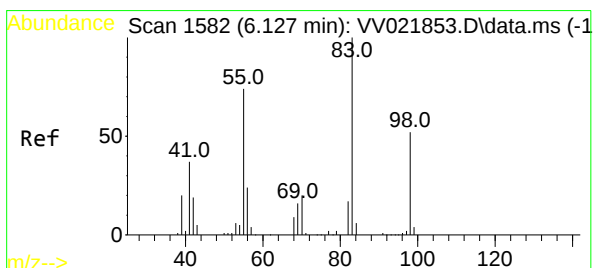
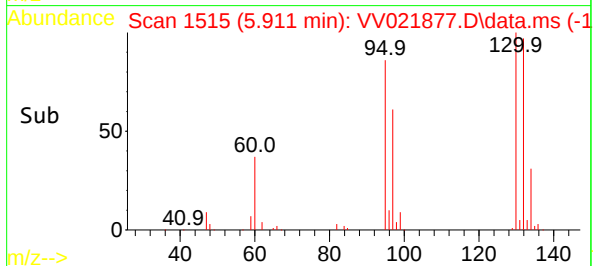
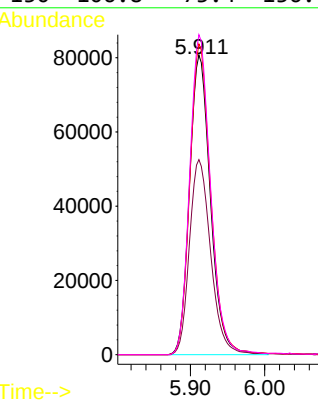
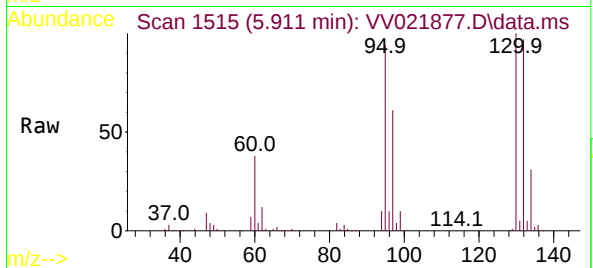
Ion Ratio Lower Upper

95 100

97 65.1 44.1 81.9

132 103.8 70.2 130.4

130 106.8 73.4 136.4



#35

Methylcyclohexane

Concen: 47.813 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. 0.003 min

Lab File: VV021877.D

Acq: 19 Aug 2021 09:31

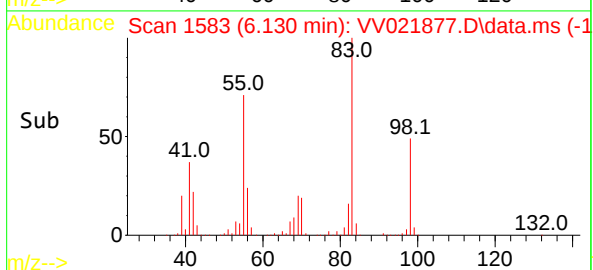
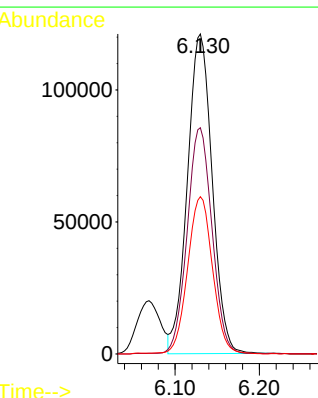
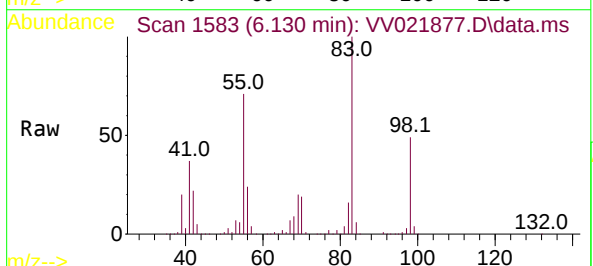
Tgt Ion: 83 Resp: 247738

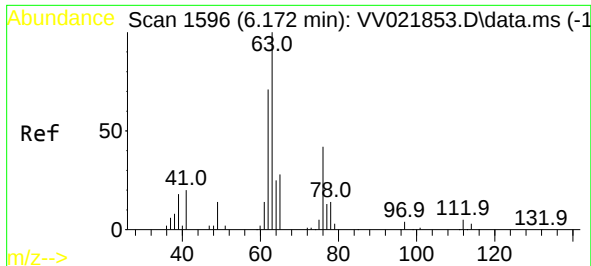
Ion Ratio Lower Upper

83 100

55 70.7 57.9 86.9

98 49.6 39.9 59.9

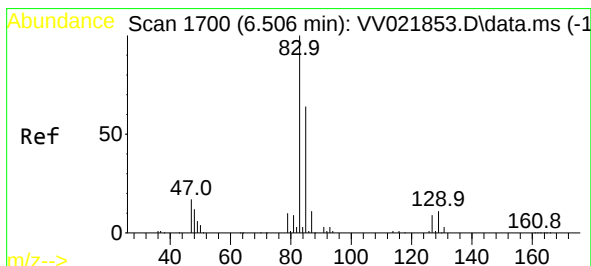
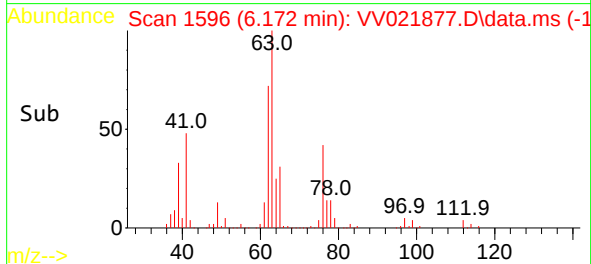
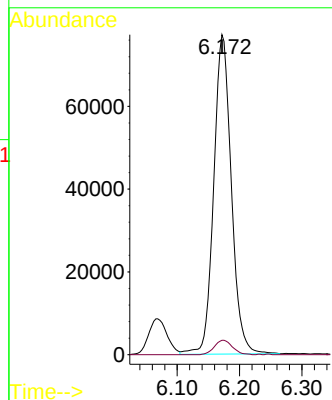
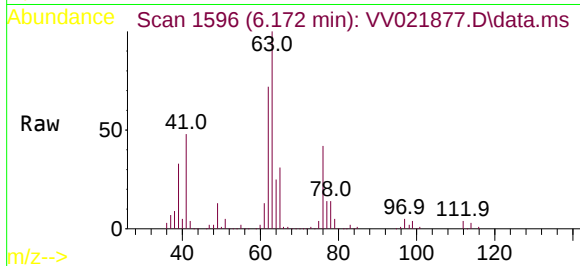




#37
1,2-Dichloropropane
Concen: 48.380 ug/L
RT: 6.172 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VV021877.D
Acq: 19 Aug 2021 09:31

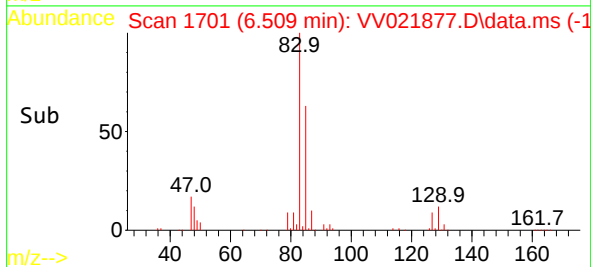
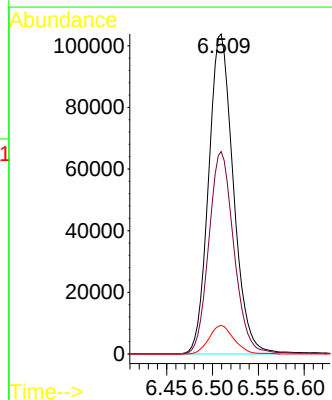
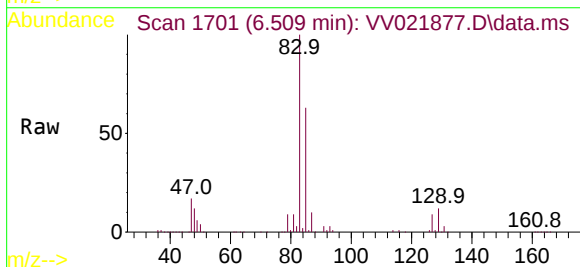
Instrument :
MSVOA_V
ClientSampleId :
VSTD050309

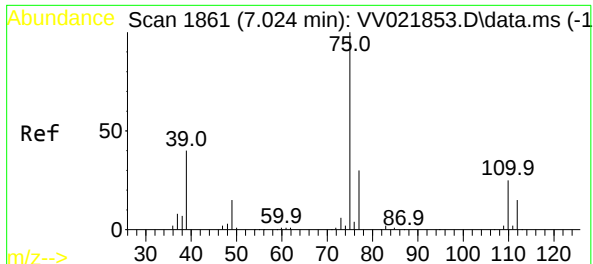
Tgt Ion: 63 Resp: 151402
Ion Ratio Lower Upper
63 100
112 4.6 3.8 5.6



#38
Bromodichloromethane
Concen: 47.262 ug/L
RT: 6.509 min Scan# 1701
Delta R.T. 0.003 min
Lab File: VV021877.D
Acq: 19 Aug 2021 09:31

Tgt Ion: 83 Resp: 194937
Ion Ratio Lower Upper
83 100
85 63.2 45.7 84.9
127 8.9 7.4 11.2

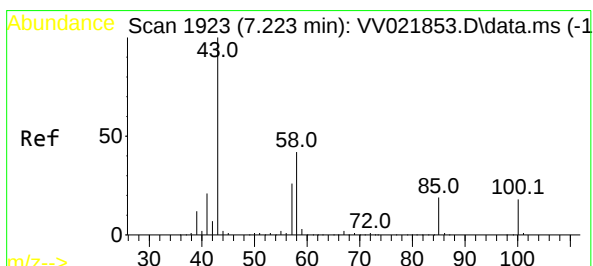
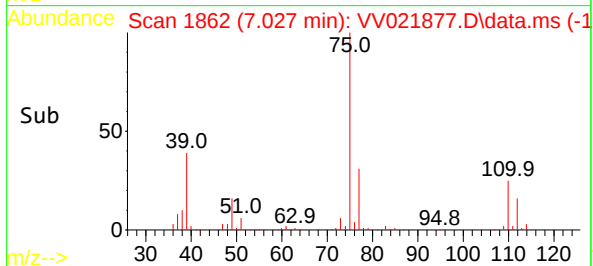
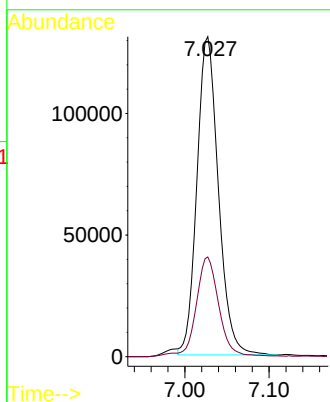
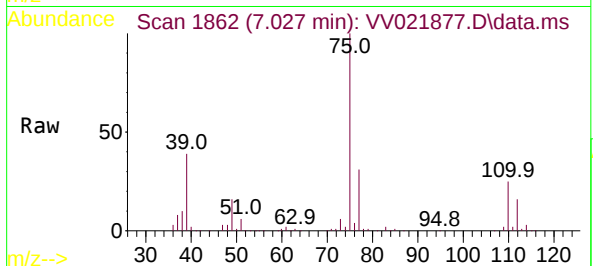




#39
 cis-1,3-Dichloropropene
 Concen: 46.897 ug/L
 RT: 7.027 min Scan# 1862
 Delta R.T. 0.003 min
 Lab File: VV021877.D
 Acq: 19 Aug 2021 09:31

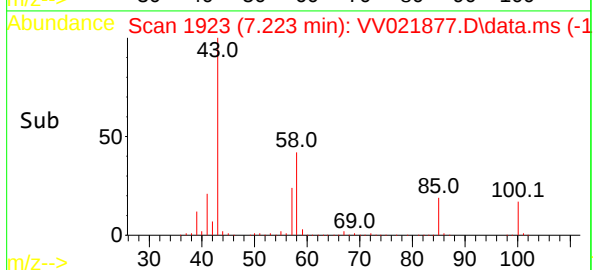
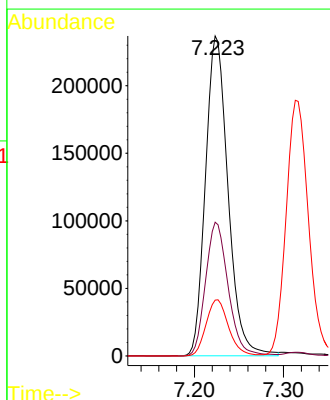
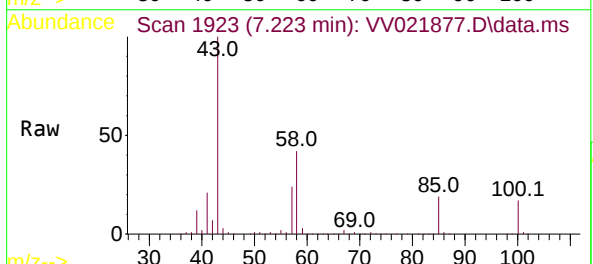
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050309

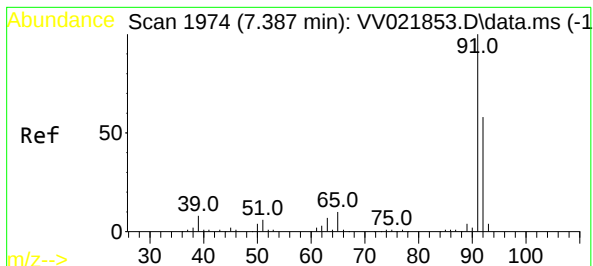
Tgt Ion: 75 Resp: 232391
 Ion Ratio Lower Upper
 75 100
 77 31.1 22.5 41.9



#40
 4-Methyl-2-pentanone
 Concen: 96.735 ug/L
 RT: 7.223 min Scan# 1923
 Delta R.T. -0.000 min
 Lab File: VV021877.D
 Acq: 19 Aug 2021 09:31

Tgt Ion: 43 Resp: 416421
 Ion Ratio Lower Upper
 43 100
 58 41.9 32.9 49.3
 100 17.6 14.0 21.0





#42

Toluene

Concen: 48.731 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. -0.000 min

Lab File: VV021877.D

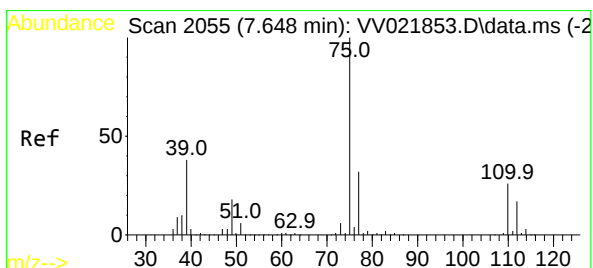
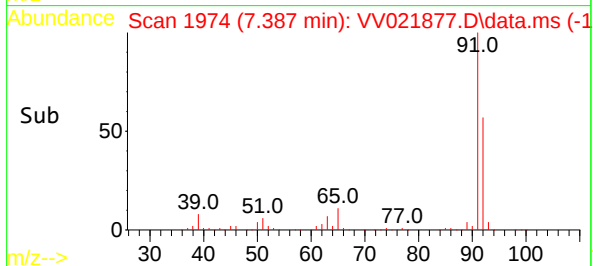
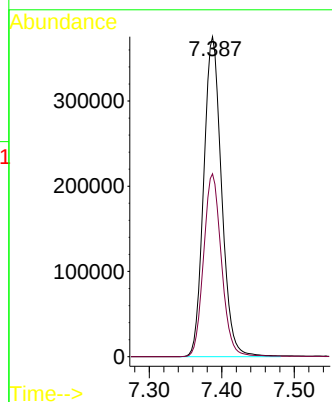
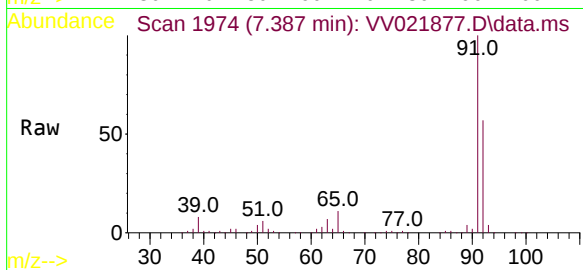
Acq: 19 Aug 2021 09:31

Tgt Ion: 91 Resp: 643238

Ion Ratio Lower Upper

91 100

92 57.2 40.1 74.5



#44

trans-1,3-Dichloropropene

Concen: 47.189 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.003 min

Lab File: VV021877.D

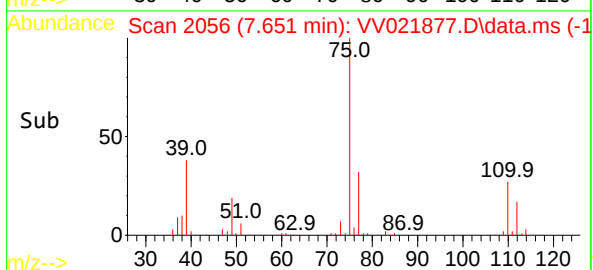
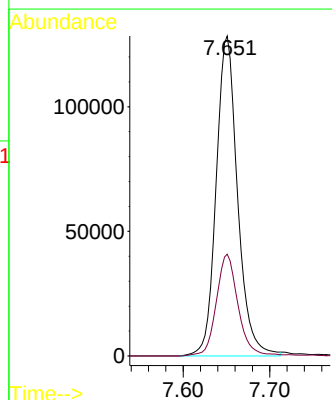
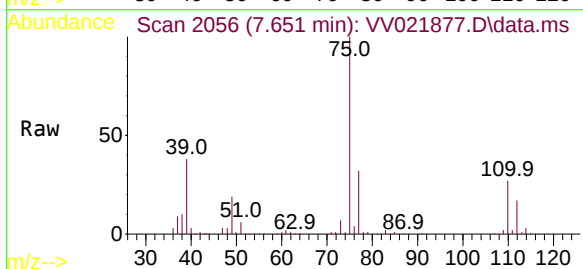
Acq: 19 Aug 2021 09:31

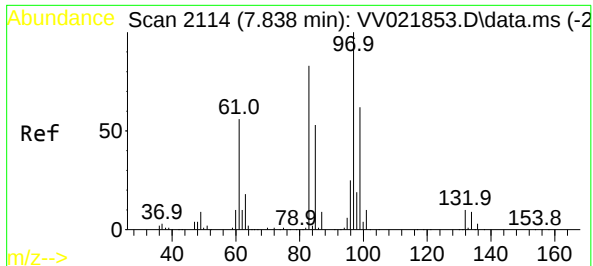
Tgt Ion: 75 Resp: 220370

Ion Ratio Lower Upper

75 100

77 31.8 22.2 41.2





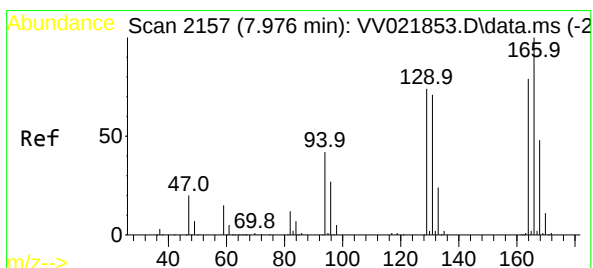
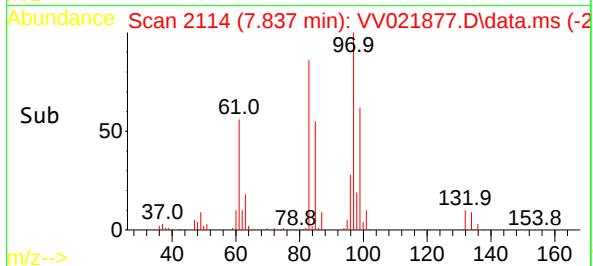
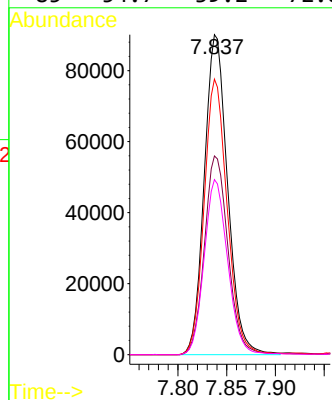
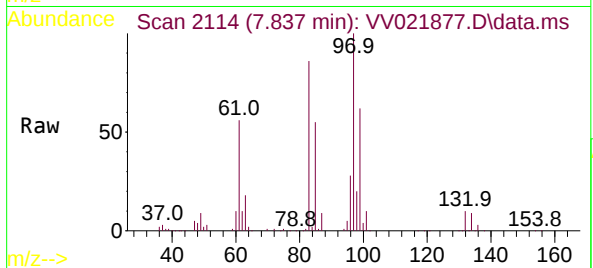
#45

1,1,2-Trichloroethane
Concen: 47.941 ug/L
RT: 7.837 min Scan# 2114
Delta R.T. -0.000 min
Lab File: VV021877.D
Acq: 19 Aug 2021 09:31

Instrument :
MSVOA_V
ClientSampleId :
VSTD050309

Tgt Ion: 97 Resp: 150292

Ion	Ratio	Lower	Upper
97	100		
99	62.1	44.2	82.0
83	86.1	59.2	110.0
85	54.7	39.2	72.8

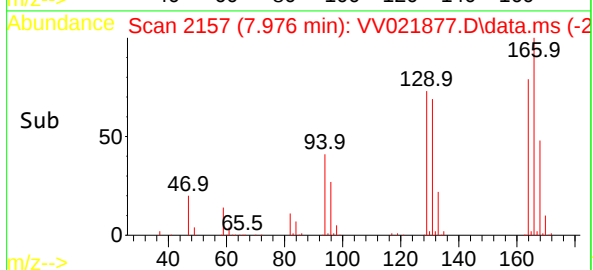
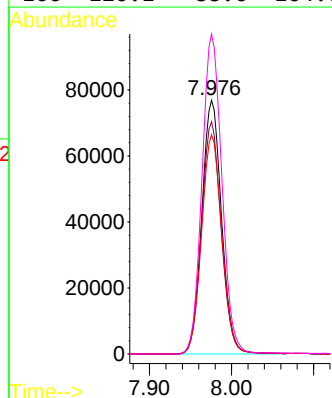
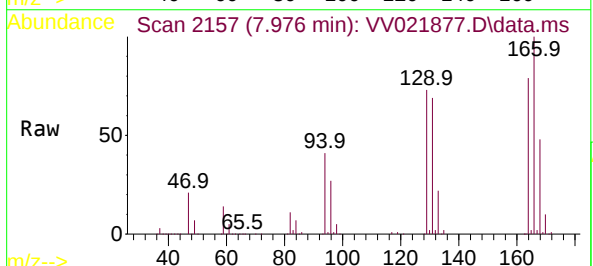


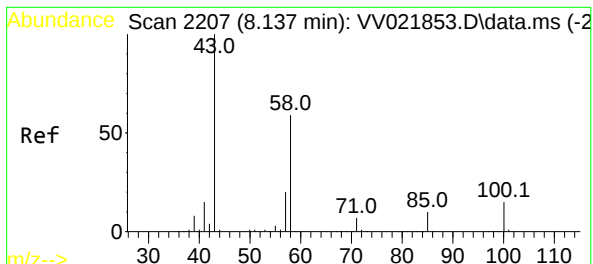
#46

Tetrachloroethene
Concen: 48.643 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV021877.D
Acq: 19 Aug 2021 09:31

Tgt Ion: 164 Resp: 128391

Ion	Ratio	Lower	Upper
164	100		
129	91.5	63.7	118.3
131	86.4	61.5	114.3
166	126.1	88.6	164.6



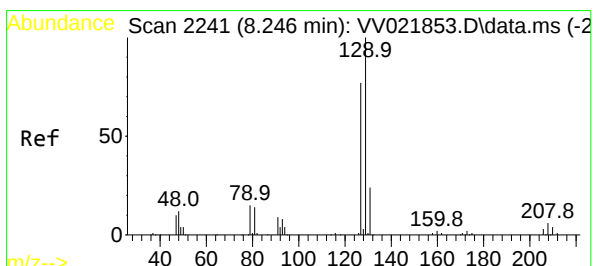
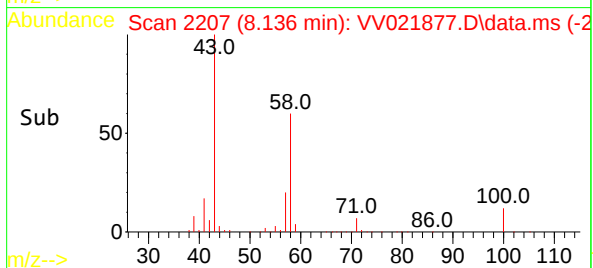
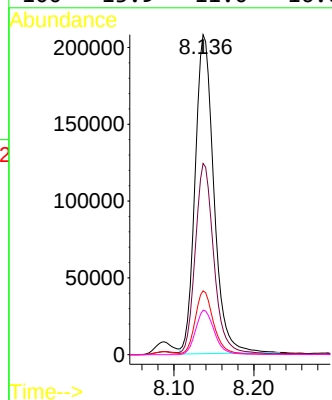
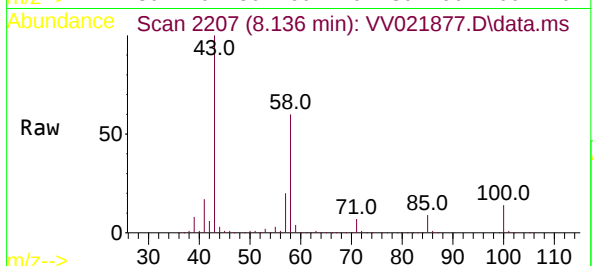


#48
2-Hexanone
Concen: 101.976 ug/L
RT: 8.136 min Scan# 2207
Delta R.T. -0.000 min
Lab File: VV021877.D
Acq: 19 Aug 2021 09:31

Instrument :
MSVOA_V
ClientSampleId :
VSTD050309

Tgt Ion: 43 Resp: 340037

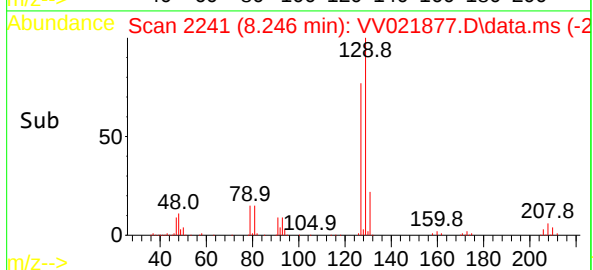
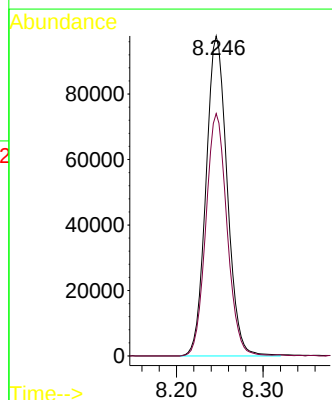
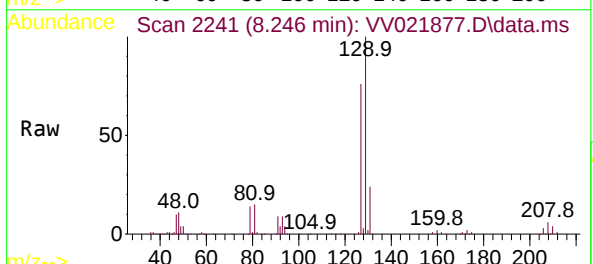
Ion	Ratio	Lower	Upper
43	100		
58	59.0	45.4	68.2
57	19.2	15.3	22.9
100	13.9	11.0	16.6

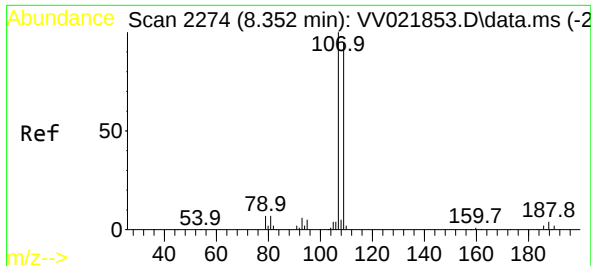


#49
Dibromochloromethane
Concen: 47.857 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VV021877.D
Acq: 19 Aug 2021 09:31

Tgt Ion: 129 Resp: 165645

Ion	Ratio	Lower	Upper
129	100		
127	75.7	54.9	101.9





#50

1,2-Dibromoethane

Concen: 47.956 ug/L

RT: 8.352 min Scan# 2274

Delta R.T. -0.000 min

Lab File: VV021877.D

Acq: 19 Aug 2021 09:31

Instrument :

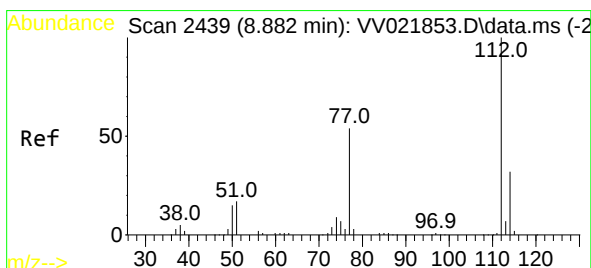
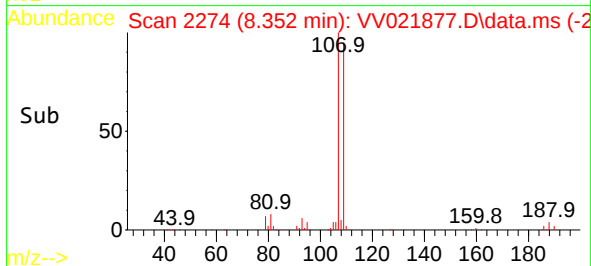
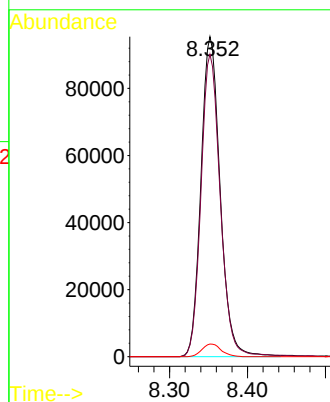
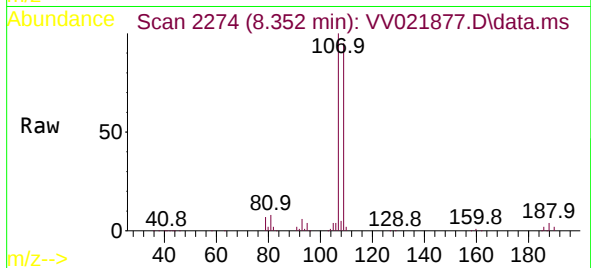
MSVOA_V

ClientSampleId :

VSTD050309

Tgt Ion:107 Resp: 163604

Ion	Ratio	Lower	Upper
107	100		
109	94.5	66.3	123.1
188	3.9	3.0	4.4



#51

Chlorobenzene

Concen: 47.650 ug/L

RT: 8.882 min Scan# 2439

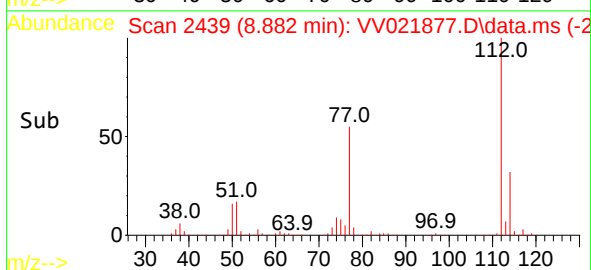
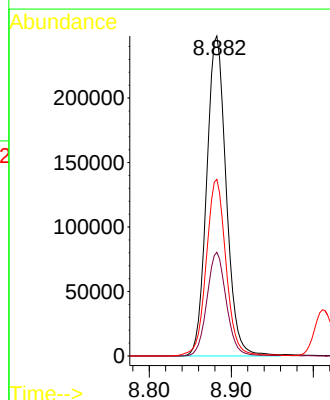
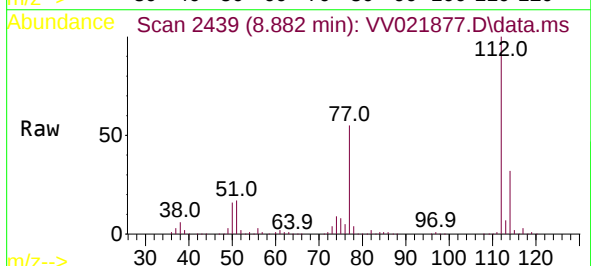
Delta R.T. -0.000 min

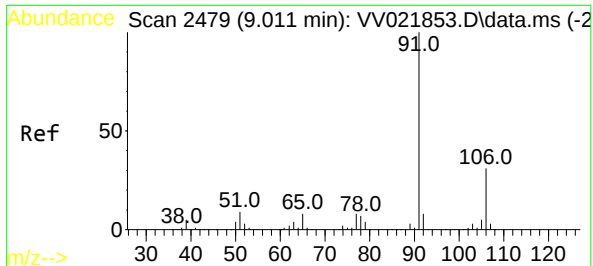
Lab File: VV021877.D

Acq: 19 Aug 2021 09:31

Tgt Ion:112 Resp: 410659

Ion	Ratio	Lower	Upper
112	100		
114	32.4	22.2	41.2
77	55.2	43.7	65.5





#52

Ethylbenzene

Concen: 48.023 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. -0.000 min

Lab File: VV021877.D

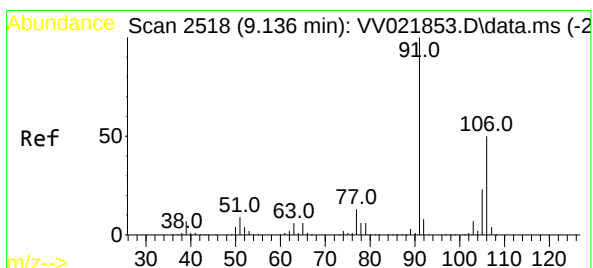
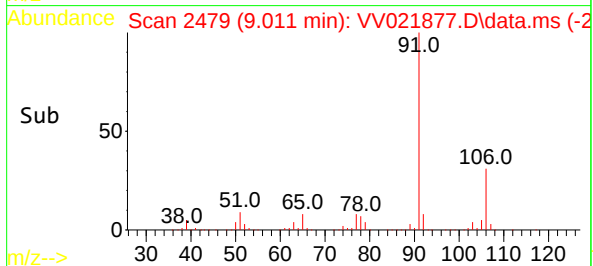
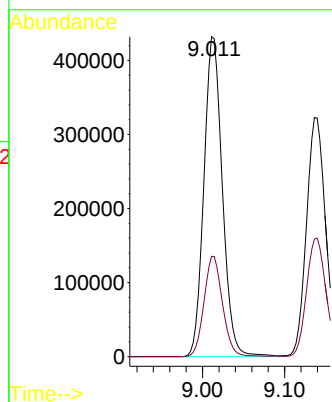
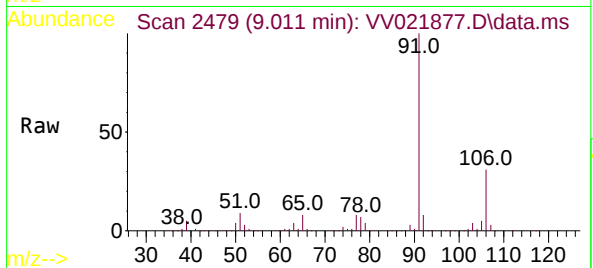
Acq: 19 Aug 2021 09:31

Tgt Ion: 91 Resp: 676265

Ion Ratio Lower Upper

91 100

106 31.3 22.2 41.2



#53

m,p-Xylene

Concen: 48.620 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.003 min

Lab File: VV021877.D

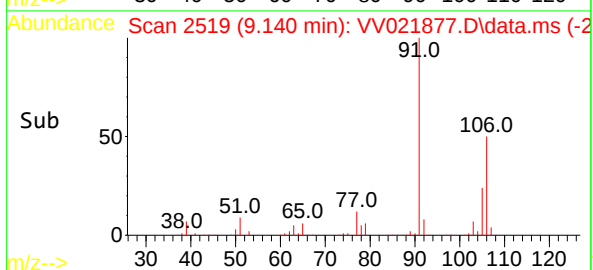
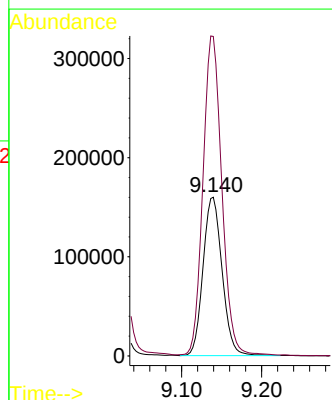
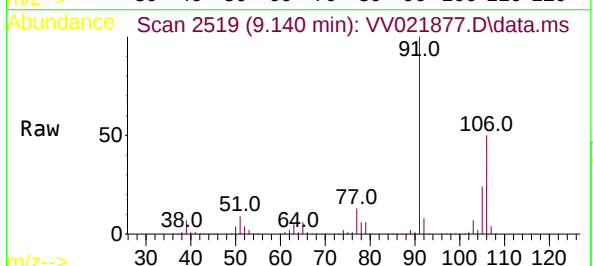
Acq: 19 Aug 2021 09:31

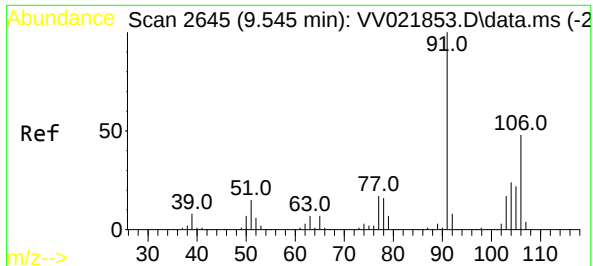
Tgt Ion: 106 Resp: 265353

Ion Ratio Lower Upper

106 100

91 201.4 139.2 258.6

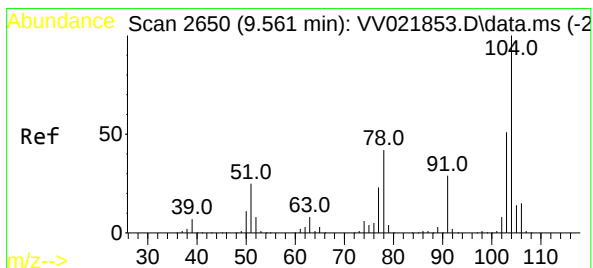
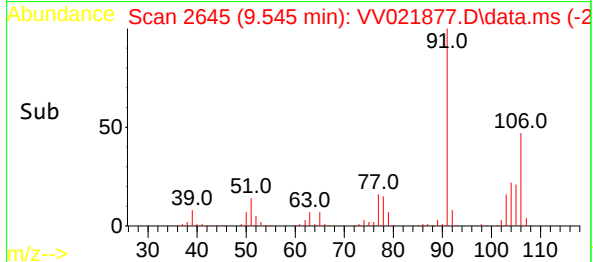
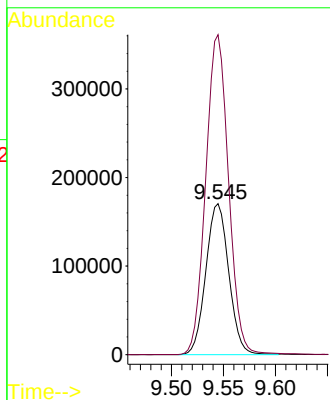
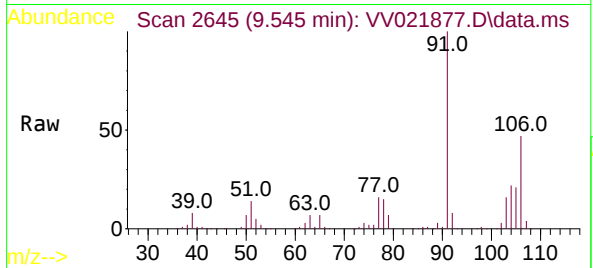




#54
o-Xylene
Concen: 48.385 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV021877.D
Acq: 19 Aug 2021 09:31

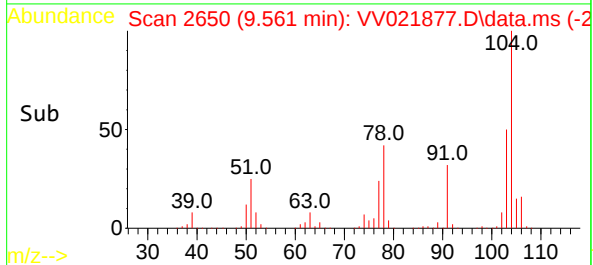
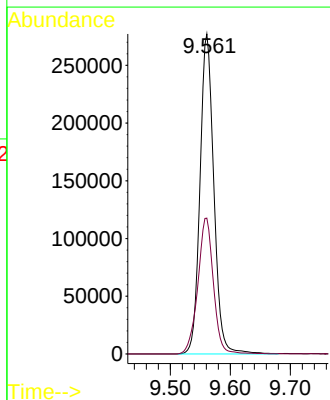
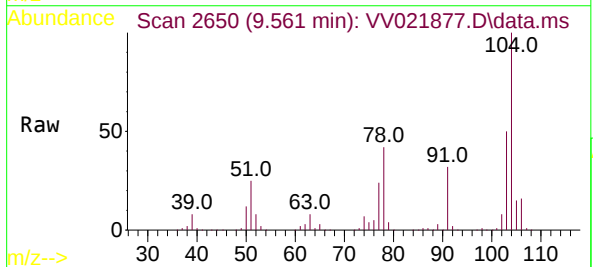
Instrument :
MSVOA_V
ClientSampleId :
VSTD050309

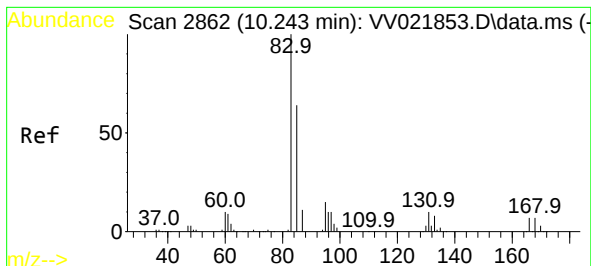
Tgt Ion:106 Resp: 261756
Ion Ratio Lower Upper
106 100
91 211.9 148.1 275.0



#55
Styrene
Concen: 49.296 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV021877.D
Acq: 19 Aug 2021 09:31

Tgt Ion:104 Resp: 446583
Ion Ratio Lower Upper
104 100
78 42.5 30.2 56.2



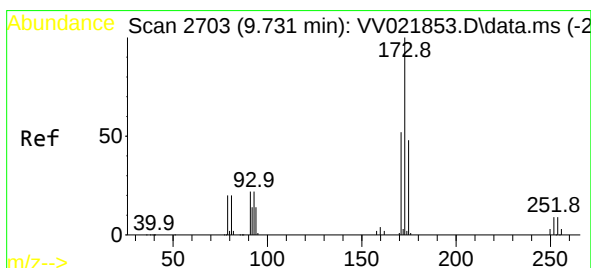
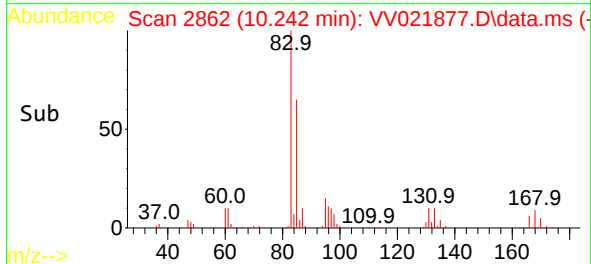
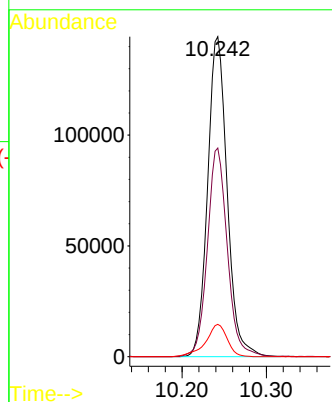
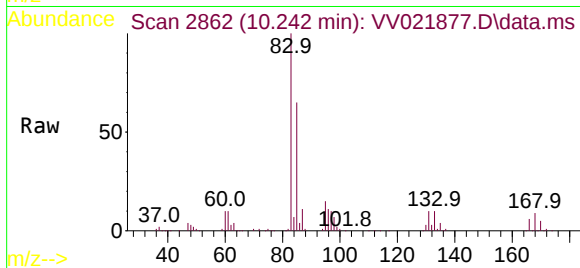


#57
1,1,2,2-Tetrachloroethane
Concen: 53.391 ug/L
RT: 10.242 min Scan# 2862
Delta R.T. -0.000 min
Lab File: VV021877.D
Acq: 19 Aug 2021 09:31

Instrument :
MSVOA_V
ClientSampleId :
VSTD050309

Tgt Ion: 83 Resp: 233007

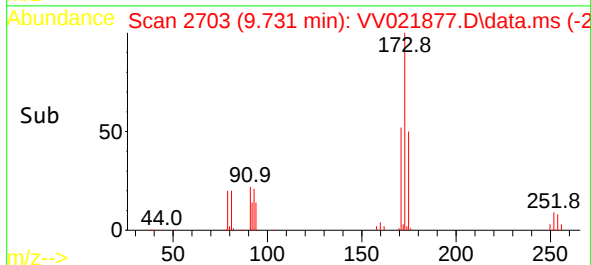
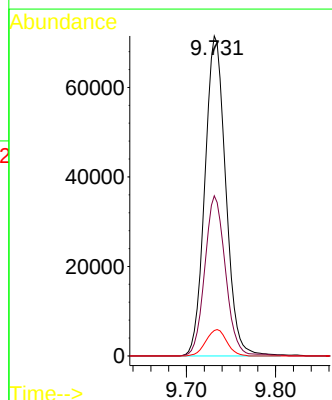
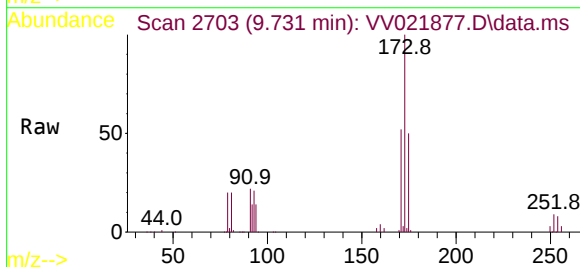
Ion	Ratio	Lower	Upper
83	100		
85	65.2	44.4	82.5
131	10.1	7.9	11.9

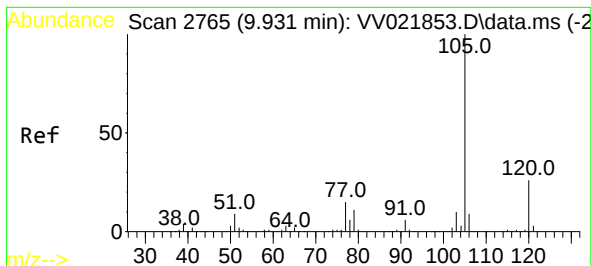


#59
Bromoform
Concen: 45.836 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. -0.000 min
Lab File: VV021877.D
Acq: 19 Aug 2021 09:31

Tgt Ion: 173 Resp: 116195

Ion	Ratio	Lower	Upper
173	100		
175	49.5	38.6	58.0
254	8.3	7.2	10.8

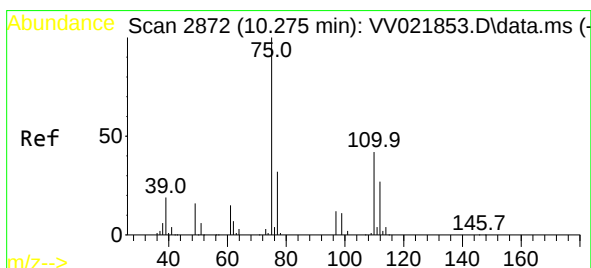
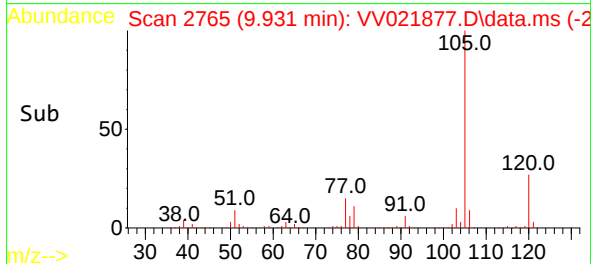
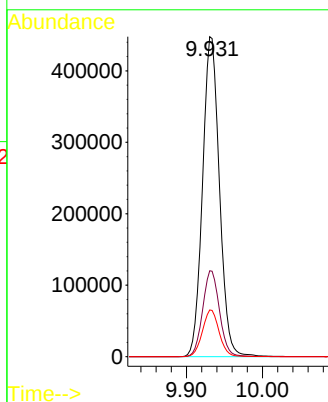
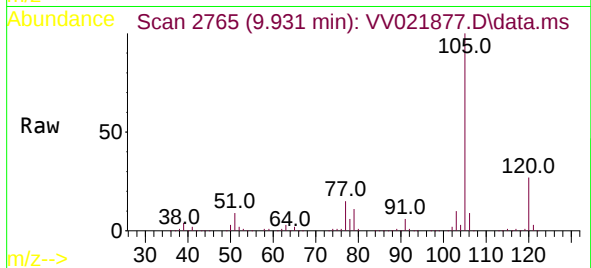




#60
Isopropylbenzene
Concen: 48.268 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV021877.D
Acq: 19 Aug 2021 09:31

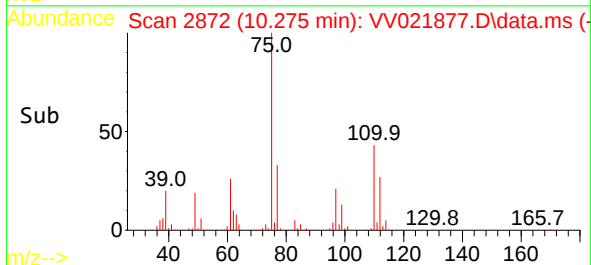
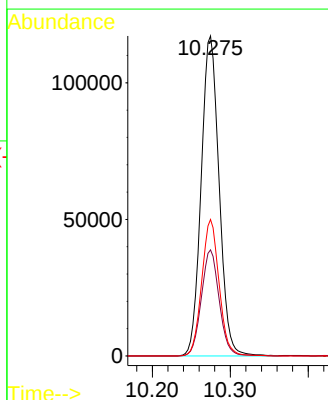
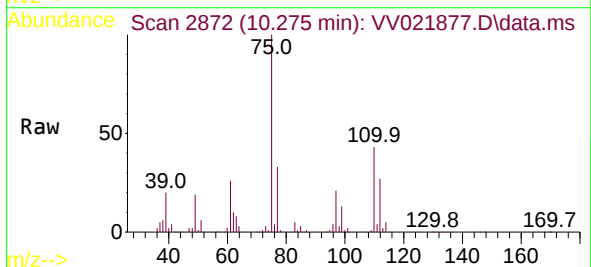
Instrument :
MSVOA_V
ClientSampleId :
VSTD050309

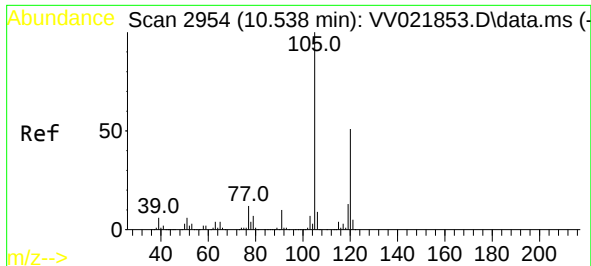
Tgt Ion:105 Resp: 690077
Ion Ratio Lower Upper
105 100
120 26.8 21.3 31.9
77 14.5 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 47.553 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV021877.D
Acq: 19 Aug 2021 09:31

Tgt Ion: 75 Resp: 187398
Ion Ratio Lower Upper
75 100
77 32.8 25.5 38.3
110 41.3 33.4 50.2

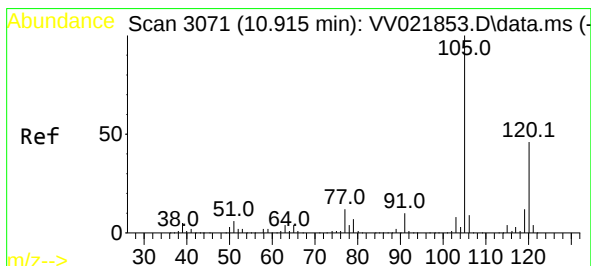
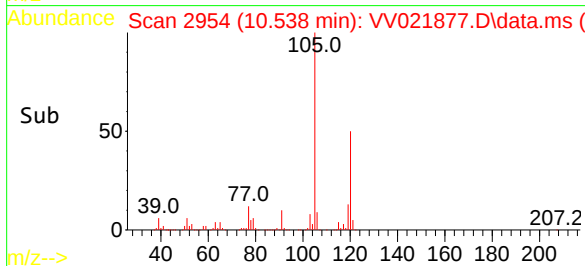
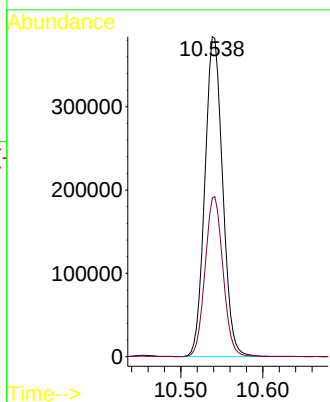
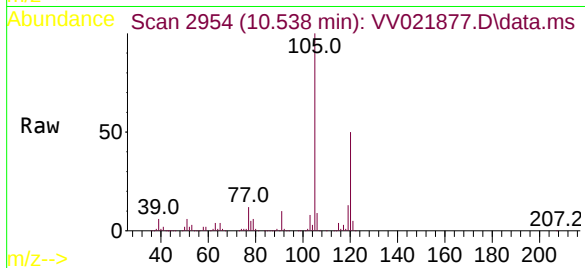




#62
1,3,5-Trimethylbenzene
Concen: 48.255 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.000 min
Lab File: VV021877.D
Acq: 19 Aug 2021 09:31

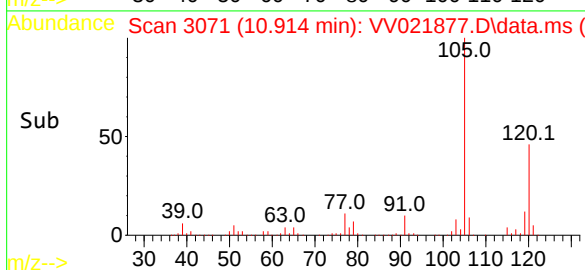
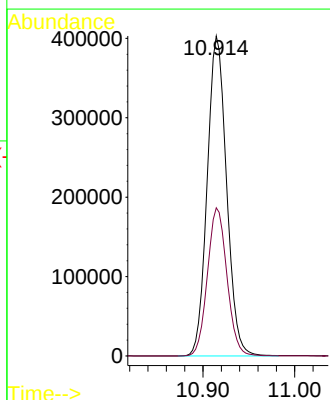
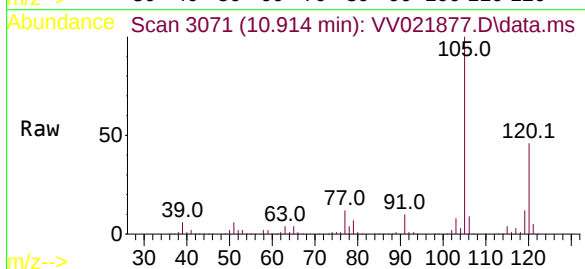
Instrument :
MSVOA_V
ClientSampleId :
VSTD050309

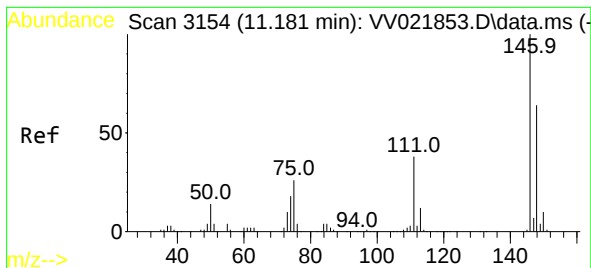
Tgt Ion:105 Resp: 578939
Ion Ratio Lower Upper
105 100
120 50.2 40.2 60.4



#63
1,2,4-Trimethylbenzene
Concen: 48.428 ug/L
RT: 10.914 min Scan# 3071
Delta R.T. -0.000 min
Lab File: VV021877.D
Acq: 19 Aug 2021 09:31

Tgt Ion:105 Resp: 590755
Ion Ratio Lower Upper
105 100
120 46.7 37.3 55.9

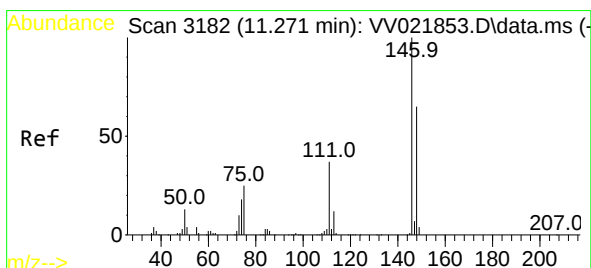
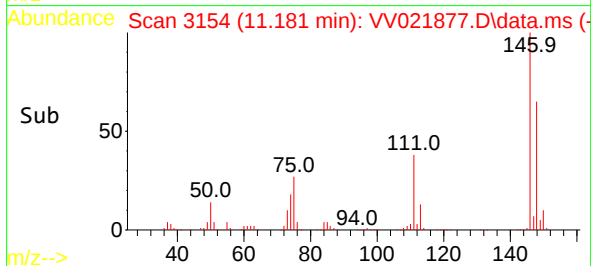
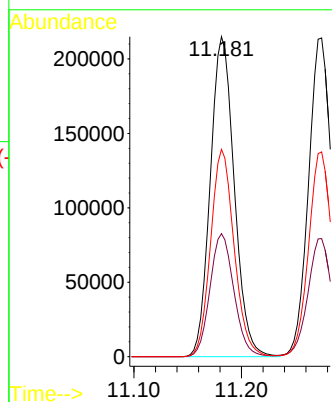
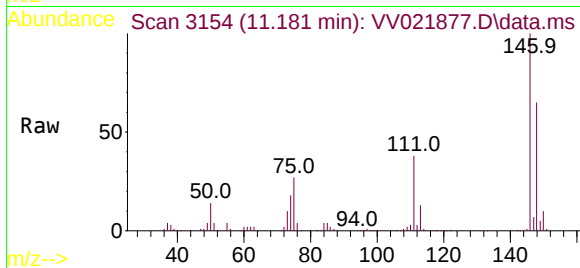




#64
1,3-Dichlorobenzene
Concen: 48.113 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV021877.D
Acq: 19 Aug 2021 09:31

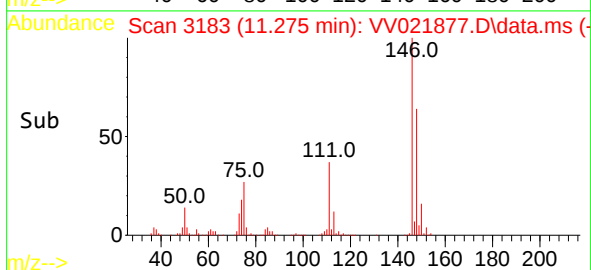
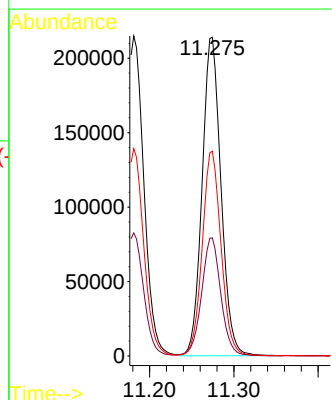
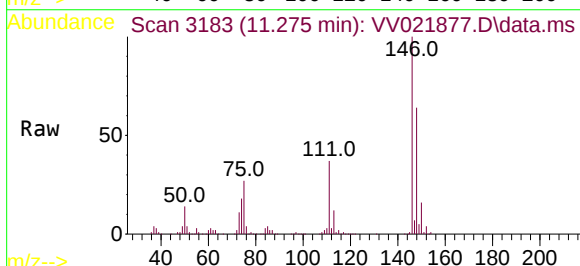
Instrument :
MSVOA_V
ClientSampleId :
VSTD050309

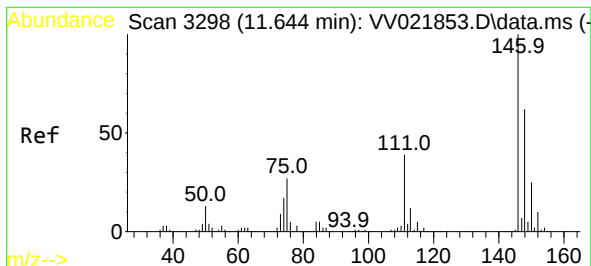
Tgt Ion:146 Resp: 333111
Ion Ratio Lower Upper
146 100
111 38.4 26.5 49.1
148 64.8 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 48.317 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.003 min
Lab File: VV021877.D
Acq: 19 Aug 2021 09:31

Tgt Ion:146 Resp: 333918
Ion Ratio Lower Upper
146 100
111 37.1 26.2 48.6
148 64.2 45.1 83.9

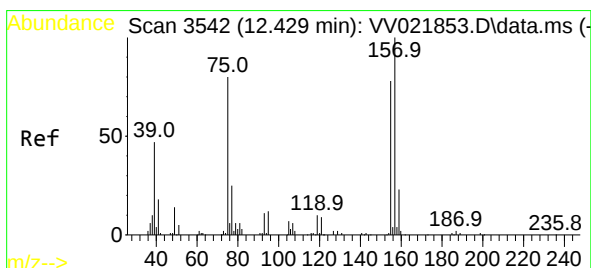
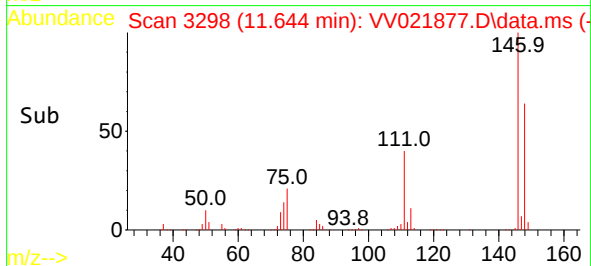
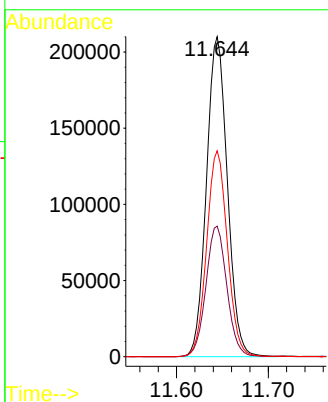
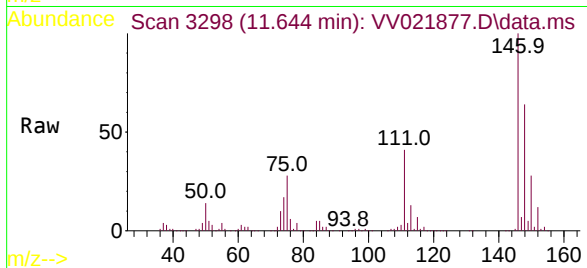




#67
1,2-Dichlorobenzene
Concen: 47.649 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. -0.000 min
Lab File: VV021877.D
Acq: 19 Aug 2021 09:31

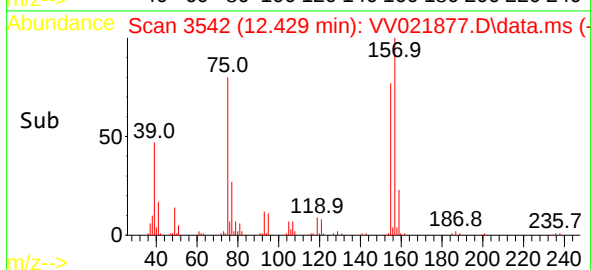
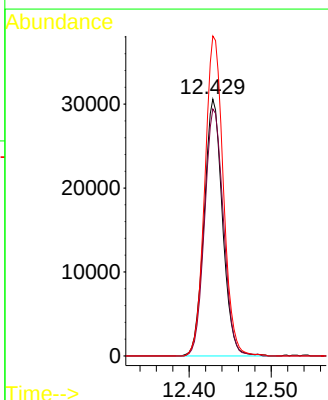
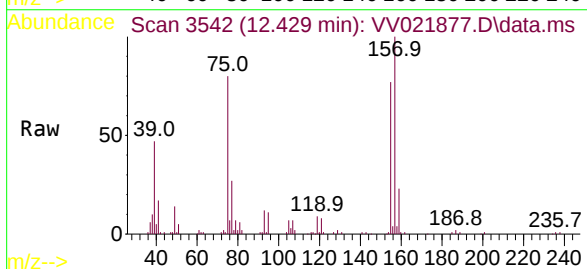
Instrument :
MSVOA_V
ClientSampleId :
VSTD050309

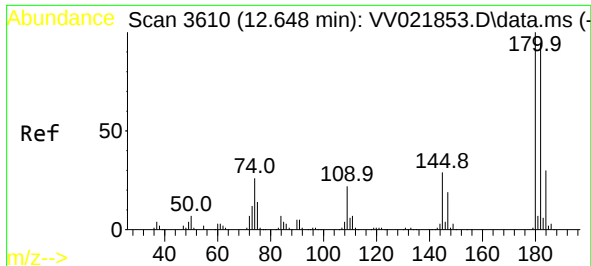
Tgt Ion:146 Resp: 332798
Ion Ratio Lower Upper
146 100
111 40.8 31.8 47.8
148 64.4 51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 49.766 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VV021877.D
Acq: 19 Aug 2021 09:31

Tgt Ion: 75 Resp: 47683
Ion Ratio Lower Upper
75 100
155 96.2 77.8 116.8
157 124.6 99.4 149.0

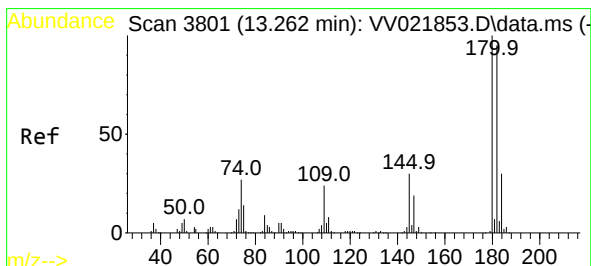
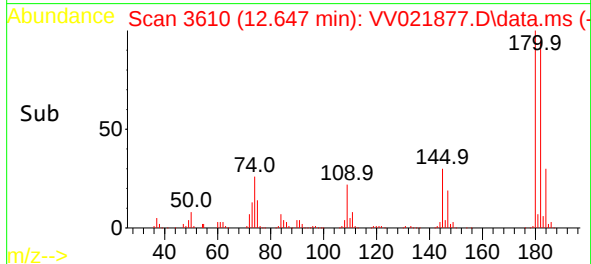
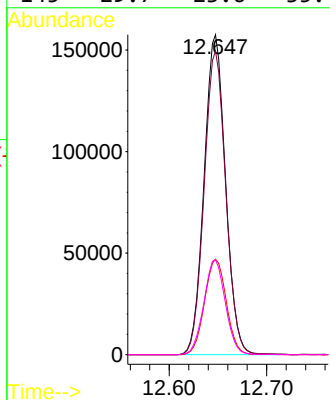
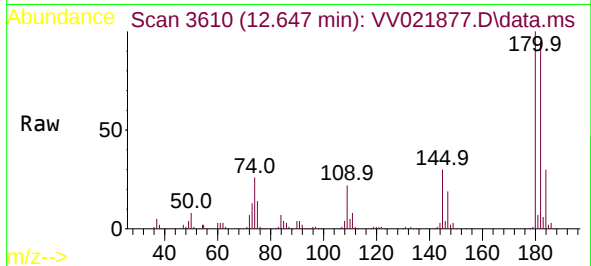




#69
1,3,5-Trichlorobenzene
Concen: 48.031 ug/L
RT: 12.647 min Scan# 3610
Delta R.T. -0.000 min
Lab File: VV021877.D
Acq: 19 Aug 2021 09:31

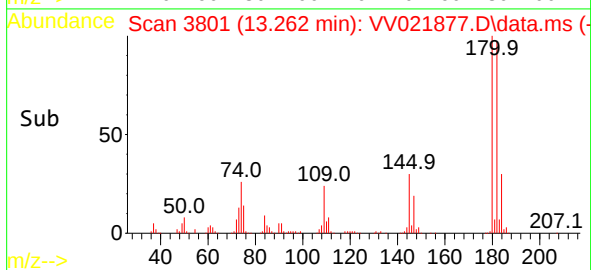
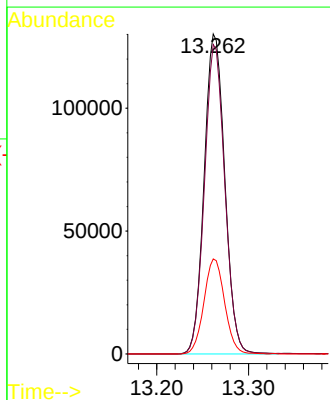
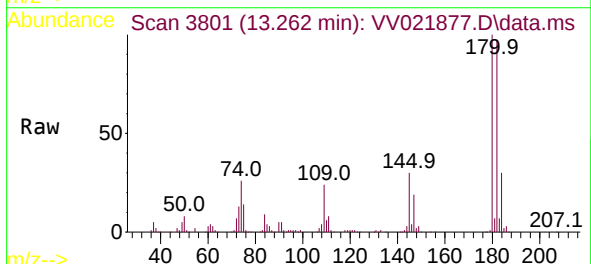
Instrument :
MSVOA_V
ClientSampleId :
VSTD050309

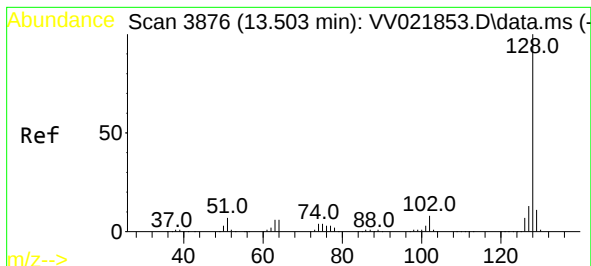
Tgt Ion:	180	Resp:	241051
Ion Ratio	Lower	Upper	
180	100		
182	95.3	76.8	115.2
184	30.2	24.1	36.1
145	29.7	23.6	35.4



#70
1,2,4-trichlorobenzene
Concen: 48.230 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. -0.000 min
Lab File: VV021877.D
Acq: 19 Aug 2021 09:31

Tgt Ion:	180	Resp:	203001
Ion Ratio	Lower	Upper	
180	100		
182	95.4	75.8	113.6
145	29.8	23.9	35.9

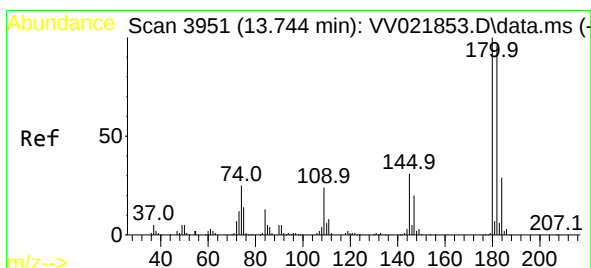
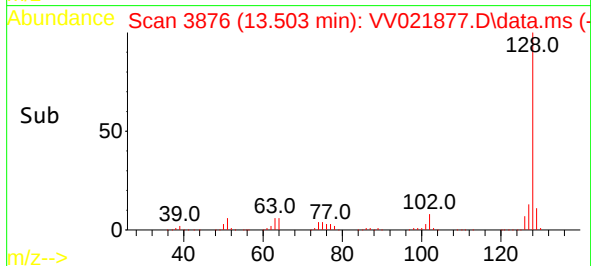
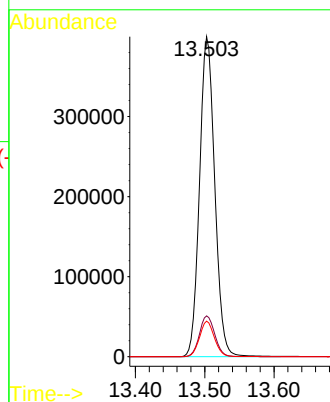
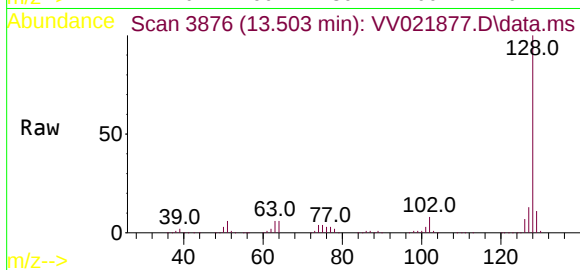




#71
Naphthalene
Concen: 49.942 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV021877.D
Acq: 19 Aug 2021 09:31

Instrument :
MSVOA_V
ClientSampleId :
VSTD050309

Tgt Ion:128 Resp: 610611
Ion Ratio Lower Upper
128 100
127 12.8 10.0 15.0
129 10.8 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 48.815 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VV021877.D
Acq: 19 Aug 2021 09:31

Tgt Ion:180 Resp: 206405
Ion Ratio Lower Upper
180 100
182 94.4 76.2 114.2
145 30.9 25.6 38.4

