

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081821\
 Data File : VV021875.D
 Acq On : 18 Aug 2021 19:28
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 19 01:19:21 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	5.619	114	431783	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	404562	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	214827	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	140509	41.626	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.260%
7) Chloroethane-d5	1.558	69	110392	43.337	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.680%
11) 1,1-Dichloroethene-d2	2.105	63	219166	40.789	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.580%
21) 2-Butanone-d5	3.873	46	215462	102.632	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.630%
24) Chloroform-d	4.349	84	263274	45.018	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.040%
26) 1,2-Dichloroethane-d4	5.034	65	153946	45.763	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.520%
32) Benzene-d6	5.050	84	530242	45.578	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.160%
36) 1,2-Dichloropropane-d6	6.072	67	167430	46.215	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.420%
41) Toluene-d8	7.317	98	490018	45.571	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.140%
43) trans-1,3-Dichloroprop...	7.622	79	76546	42.932	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.860%
47) 2-Hexanone-d5	8.088	63	134094	112.931	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.930%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	233662	52.046	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.100%
66) 1,2-Dichlorobenzene-d4	11.628	152	199262	44.819	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	142024	42.516	ug/L	100
3) Chloromethane	1.240	50	154055	44.407	ug/L	100
5) Vinyl chloride	1.307	62	150681	44.110	ug/L	100
6) Bromomethane	1.507	94	94136	45.848	ug/L	99
8) Chloroethane	1.574	64	92346	45.238	ug/L	100
9) Trichlorofluoromethane	1.748	101	212162	45.330	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	111751	41.703	ug/L	99
12) 1,1-Dichloroethene	2.114	96	108090	42.348	ug/L	98
13) Acetone	2.159	43	148160	85.770	ug/L #	100
14) Carbon disulfide	2.291	76	370080	43.093	ug/L	100
15) Methyl Acetate	2.426	43	164956	51.980	ug/L	97
16) Methylene chloride	2.503	84	164744	46.403	ug/L	100
17) trans-1,2-Dichloroethene	2.757	96	140945	47.059	ug/L	99
18) Methyl tert-butyl Ether	2.767	73	442645	48.056	ug/L	99
19) 1,1-Dichloroethane	3.188	63	254152	47.670	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	157147	45.311	ug/L	99
22) 2-Butanone	3.957	43	237293	94.325	ug/L	99
23) Bromochloromethane	4.246	128	84978	46.182	ug/L	94
25) Chloroform	4.375	83	259217	45.186	ug/L	100

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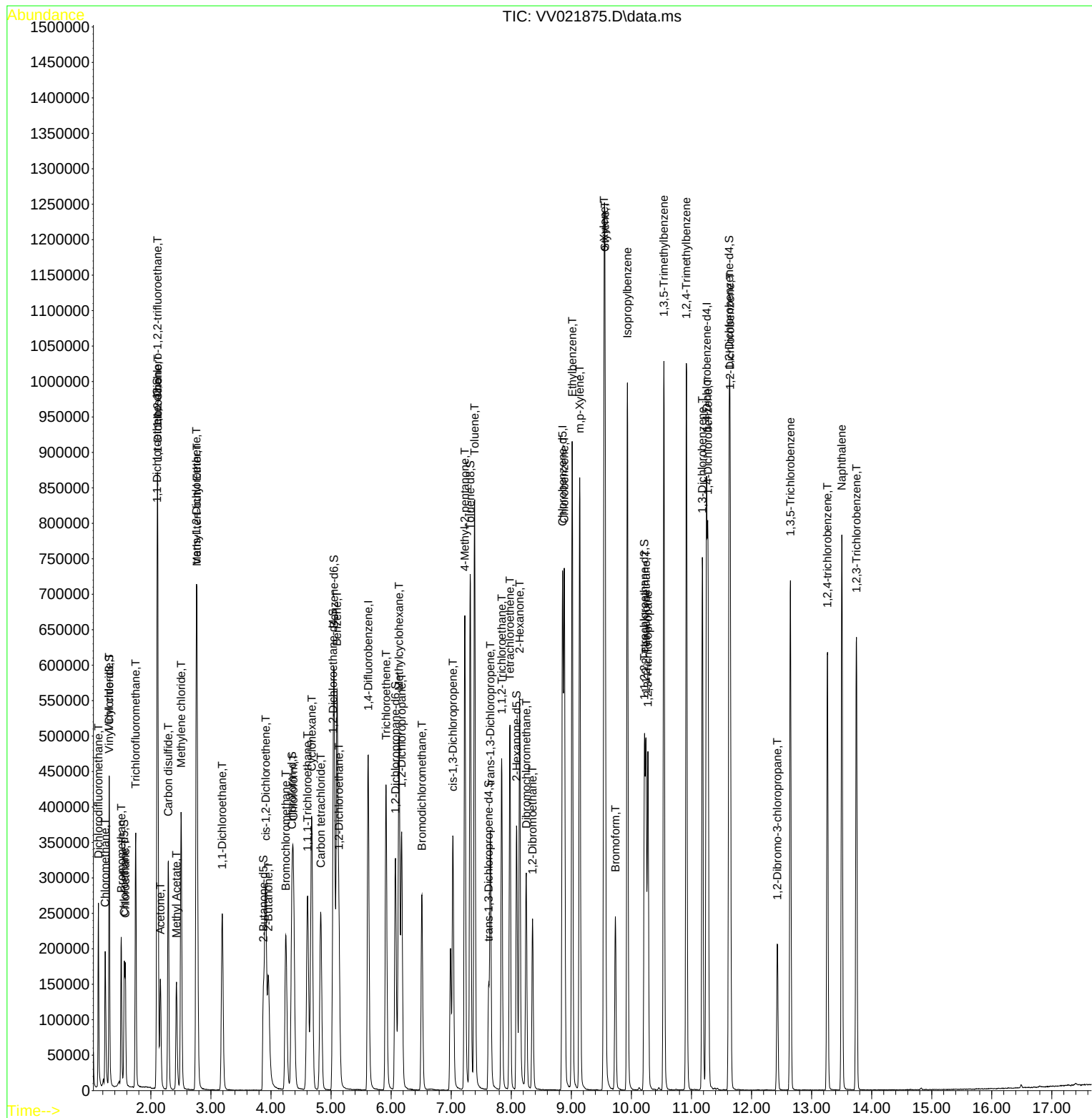
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	182260	45.093	ug/L	99
29) Cyclohexane	4.677	56	219047	43.963	ug/L	98
30) 1,1,1-Trichloroethane	4.609	97	227373	44.915	ug/L	100
31) Carbon tetrachloride	4.828	117	192549	43.957	ug/L	100
33) Benzene	5.098	78	569987	45.784	ug/L	100
34) Trichloroethene	5.915	95	148791	41.589	ug/L	98
35) Methylcyclohexane	6.133	83	227248	43.539	ug/L	98
37) 1,2-Dichloropropane	6.175	63	146983	46.626	ug/L	100
38) Bromodichloromethane	6.513	83	185922	44.748	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	225246	45.124	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	431462	99.500	ug/L	99
42) Toluene	7.391	91	613794	46.162	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	210141	44.671	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	148387	46.989	ug/L	98
46) Tetrachloroethene	7.979	164	118052	44.400	ug/L	97
48) 2-Hexanone	8.140	43	335354	99.839	ug/L	99
49) Dibromochloromethane	8.249	129	158107	45.346	ug/L	100
50) 1,2-Dibromoethane	8.355	107	159376	46.377	ug/L	99
51) Chlorobenzene	8.882	112	393381	45.312	ug/L	99
52) Ethylbenzene	9.014	91	646748	45.592	ug/L	100
53) m,p-Xylene	9.140	106	252327	45.897	ug/L	97
54) o-Xylene	9.545	106	249936	45.864	ug/L	99
55) Styrene	9.561	104	427929	46.893	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.242	83	234077	53.245	ug/L	98
59) Bromoform	9.734	173	112458	44.036	ug/L	99
60) Isopropylbenzene	9.934	105	657175	45.629	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	187213	47.156	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	547964	45.337	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	557389	45.357	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	313377	44.930	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	314086	45.114	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	319809	45.453	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	47606	49.320	ug/L	98
69) 1,3,5-Trichlorobenzene	12.648	180	225733	44.648	ug/L	99
70) 1,2,4-trichlorobenzene	13.265	180	192568	45.415	ug/L	99
71) Naphthalene	13.503	128	621572	50.465	ug/L	100
72) 1,2,3-Trichlorobenzene	13.747	180	198114	46.509	ug/L	100

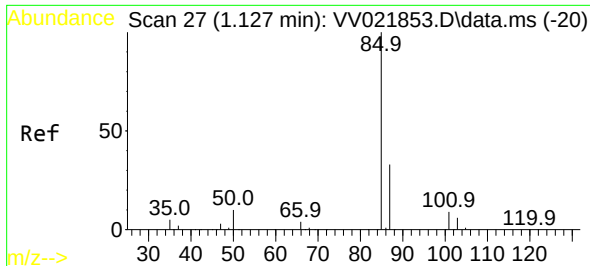
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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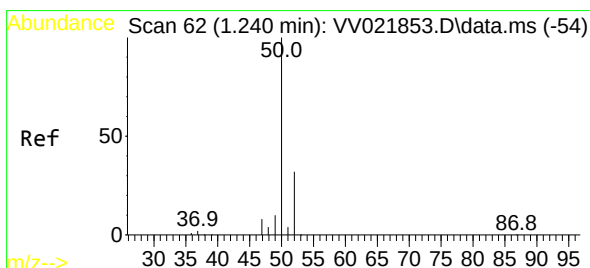
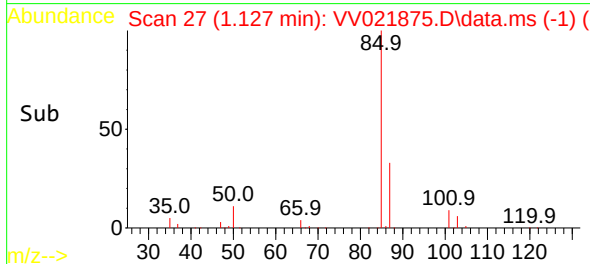
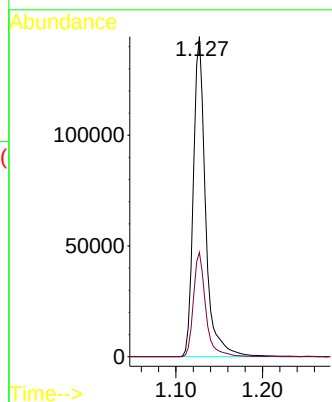
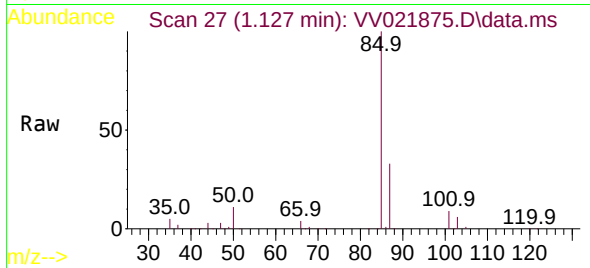




#2
Dichlorodifluoromethane
Concen: 42.516 ug/L
RT: 1.127 min Scan# 27
Delta R.T. -0.000 min
Lab File: VV021875.D
Acq: 18 Aug 2021 19:28

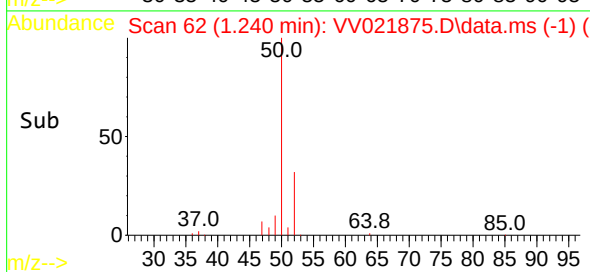
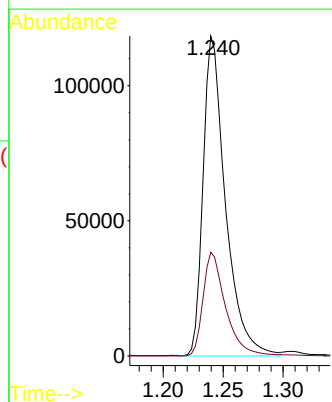
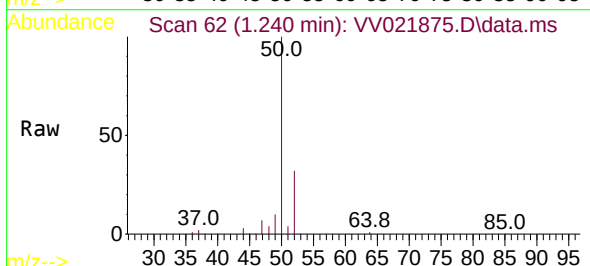
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ClientSampleId :

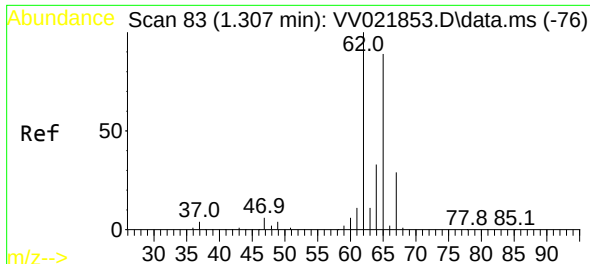
Tgt Ion: 85 Resp: 142024
Ion Ratio Lower Upper
85 100
87 32.8 26.1 39.1



#3
Chloromethane
Concen: 44.407 ug/L
RT: 1.240 min Scan# 62
Delta R.T. -0.000 min
Lab File: VV021875.D
Acq: 18 Aug 2021 19:28

Tgt Ion: 50 Resp: 154055
Ion Ratio Lower Upper
50 100
52 32.4 22.7 42.1

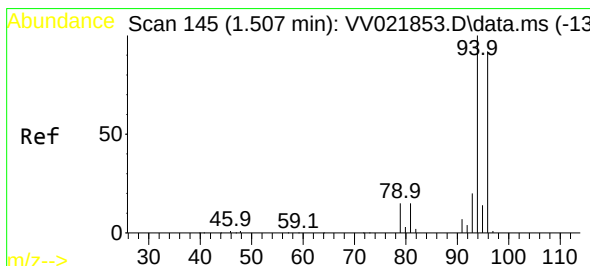
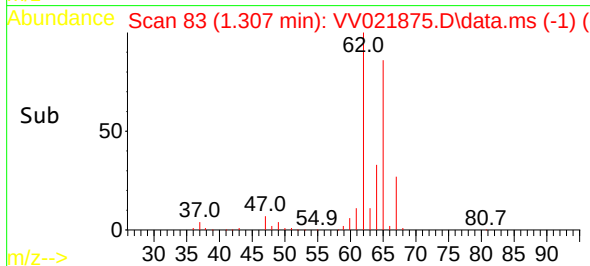
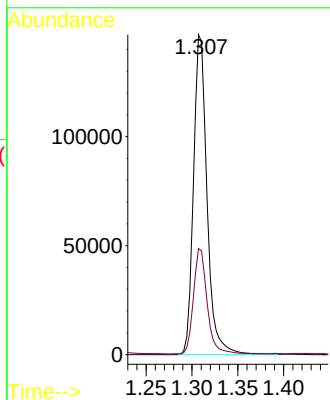
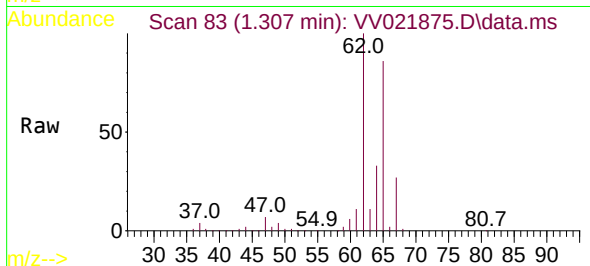




#5
 Vinyl chloride
 Concen: 44.110 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VV021875.D
 Acq: 18 Aug 2021 19:28

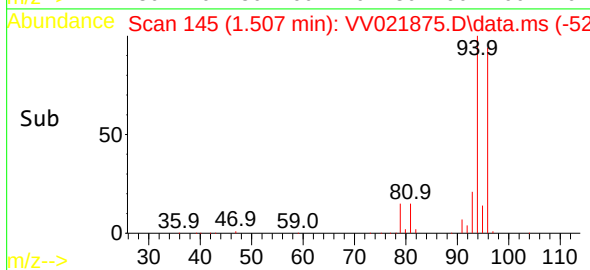
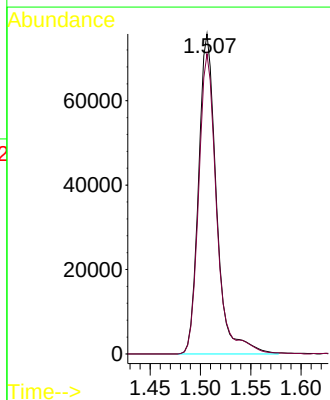
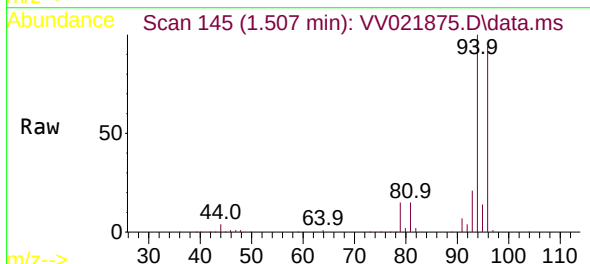
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 ClientSampleId :

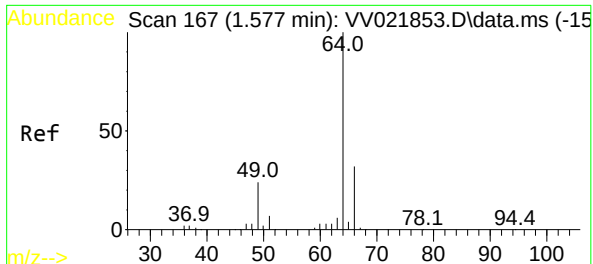
Tgt Ion: 62 Resp: 150681
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.4 43.4



#6
 Bromomethane
 Concen: 45.848 ug/L
 RT: 1.507 min Scan# 145
 Delta R.T. -0.000 min
 Lab File: VV021875.D
 Acq: 18 Aug 2021 19:28

Tgt Ion: 94 Resp: 94136
 Ion Ratio Lower Upper
 94 100
 96 93.8 64.8 120.3

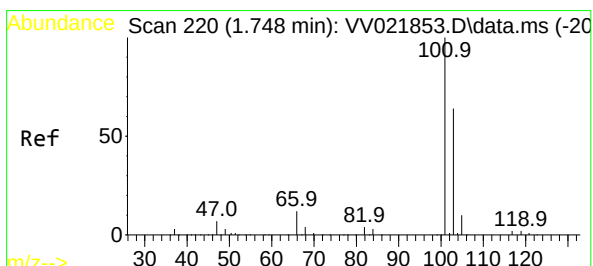
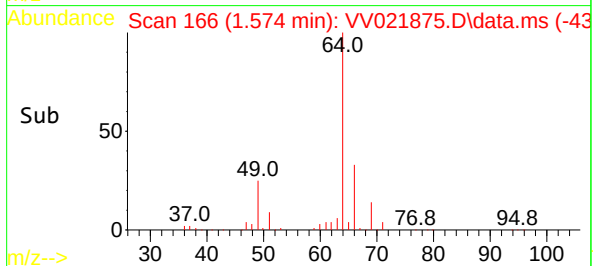
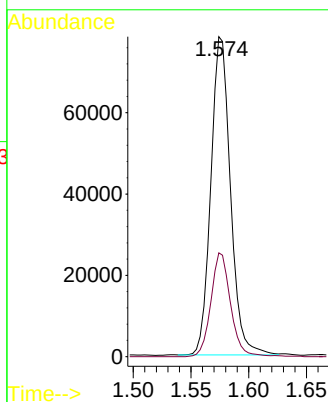
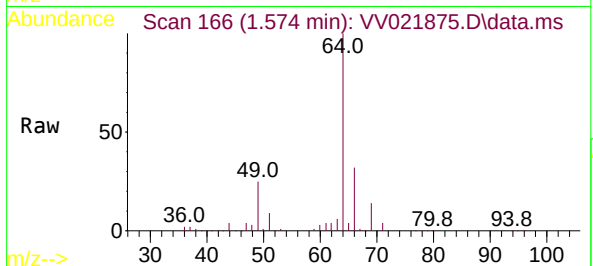




#8
Chloroethane
Concen: 45.238 ug/L
RT: 1.574 min Scan# 166
Delta R.T. -0.003 min
Lab File: VV021875.D
Acq: 18 Aug 2021 19:28

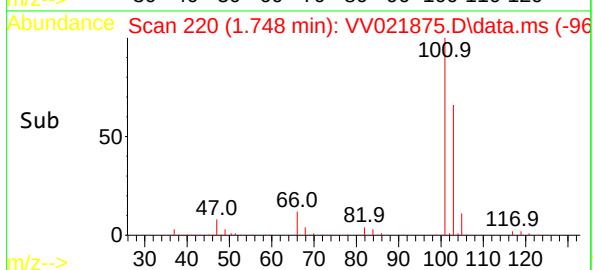
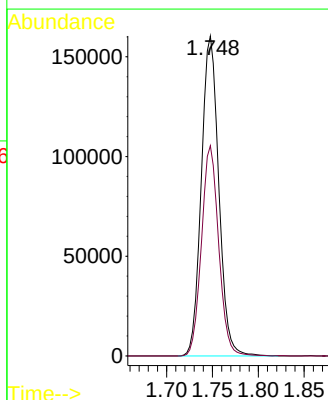
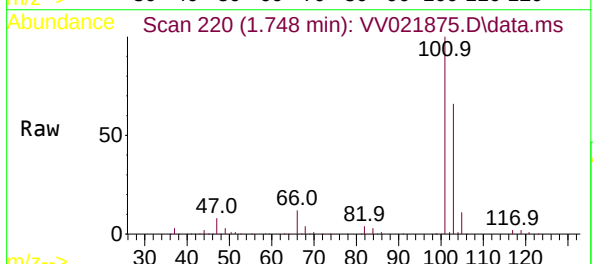
Instrument :
MSVOA_V
ClientSampleId :

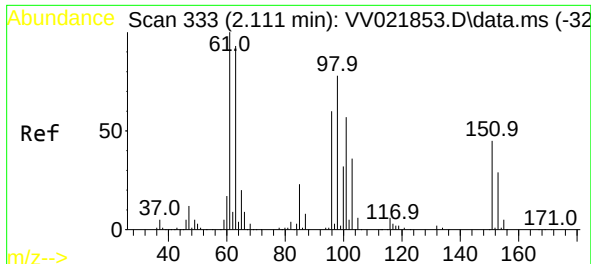
Tgt Ion: 64 Resp: 92346
Ion Ratio Lower Upper
64 100
66 32.5 22.6 42.0



#9
Trichlorofluoromethane
Concen: 45.330 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.000 min
Lab File: VV021875.D
Acq: 18 Aug 2021 19:28

Tgt Ion:101 Resp: 212162
Ion Ratio Lower Upper
101 100
103 64.8 51.8 77.8

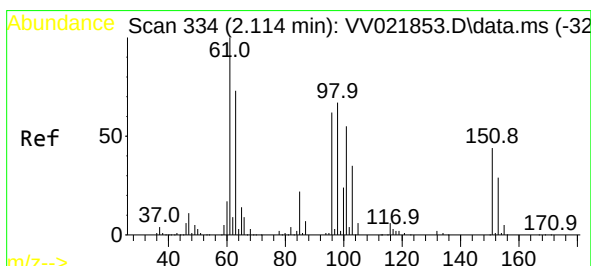
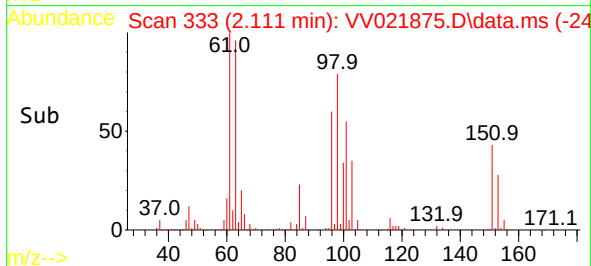
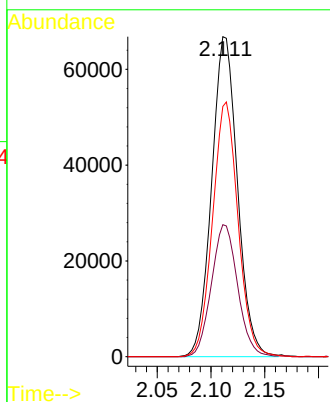
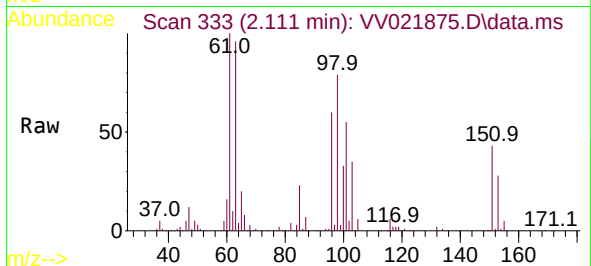




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 41.703 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.000 min
 Lab File: VV021875.D
 Acq: 18 Aug 2021 19:28

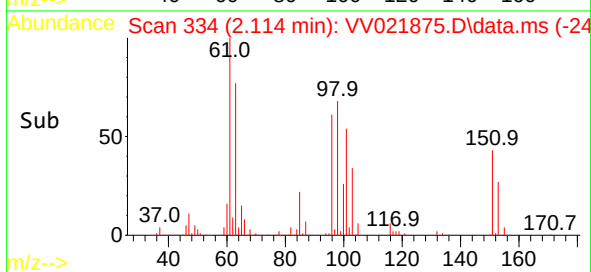
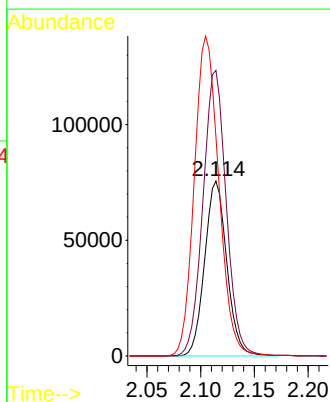
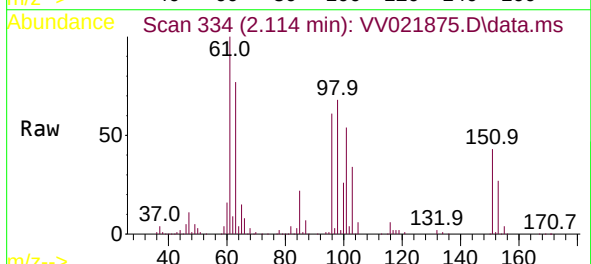
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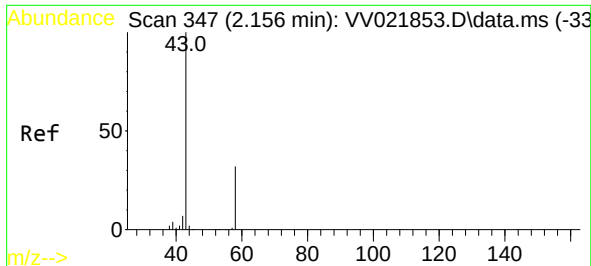
Tgt Ion:101 Resp: 111751
 Ion Ratio Lower Upper
 101 100
 85 41.8 33.4 50.2
 151 78.4 62.2 93.2



#12
 1,1-Dichloroethene
 Concen: 42.348 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.000 min
 Lab File: VV021875.D
 Acq: 18 Aug 2021 19:28

Tgt Ion: 96 Resp: 108090
 Ion Ratio Lower Upper
 96 100
 61 163.4 115.5 214.5
 63 125.1 90.3 167.7

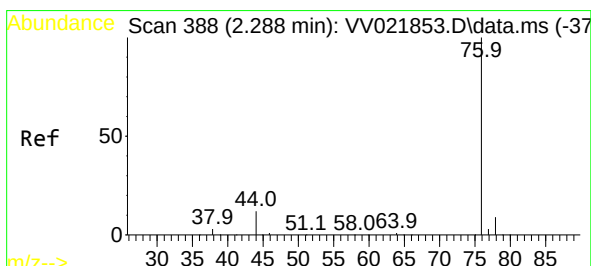
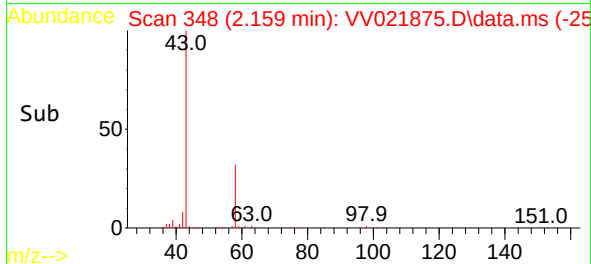
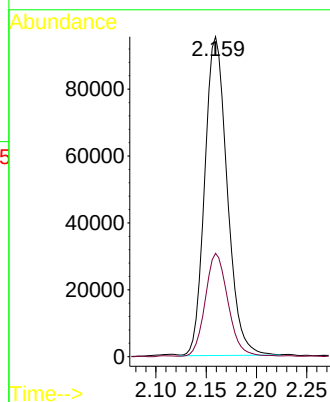
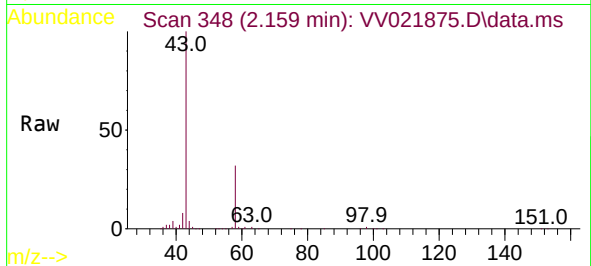




#13
Acetone
Concen: 85.770 ug/L
RT: 2.159 min Scan# 348
Delta R.T. 0.003 min
Lab File: VV021875.D
Acq: 18 Aug 2021 19:28

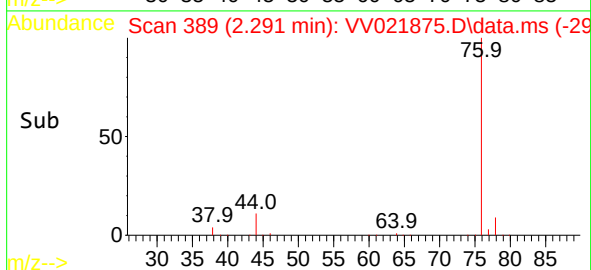
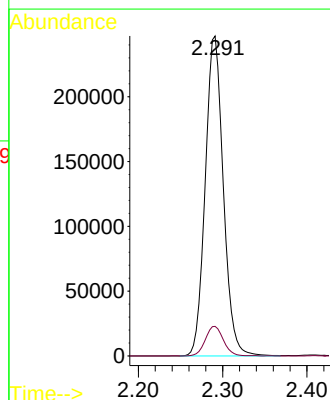
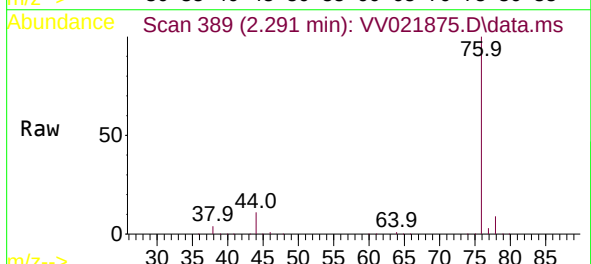
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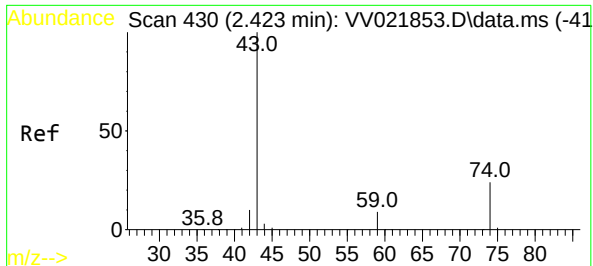
Tgt Ion: 43 Resp: 148160
Ion Ratio Lower Upper
43 100
58 32.5 0.0 0.0#



#14
Carbon disulfide
Concen: 43.093 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.003 min
Lab File: VV021875.D
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Tgt Ion: 76 Resp: 370080
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3

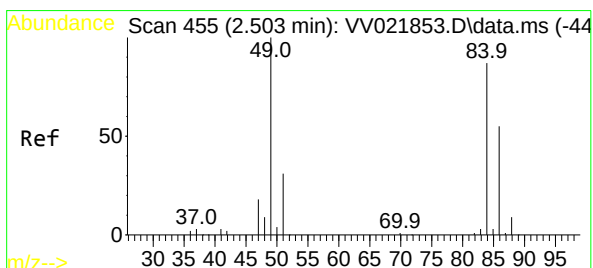
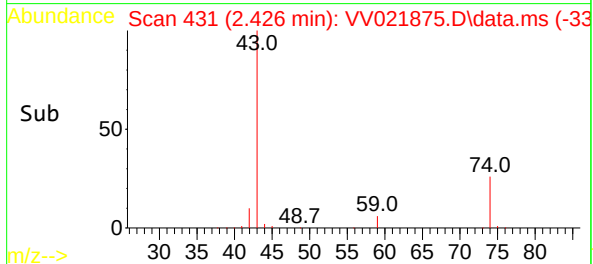
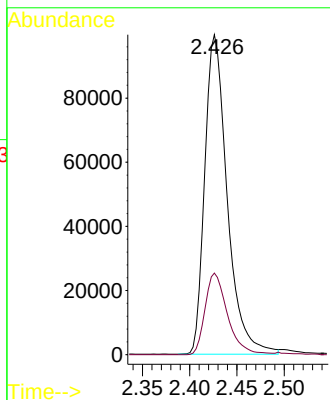
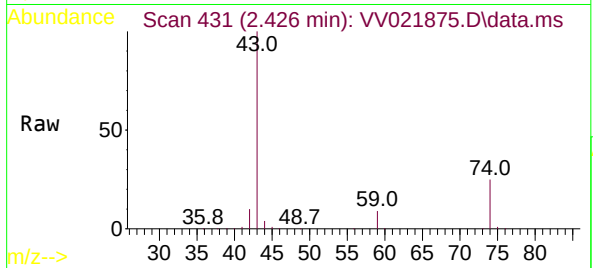




#15
Methyl Acetate
Concen: 51.980 ug/L
RT: 2.426 min Scan# 431
Delta R.T. 0.003 min
Lab File: VV021875.D
Acq: 18 Aug 2021 19:28

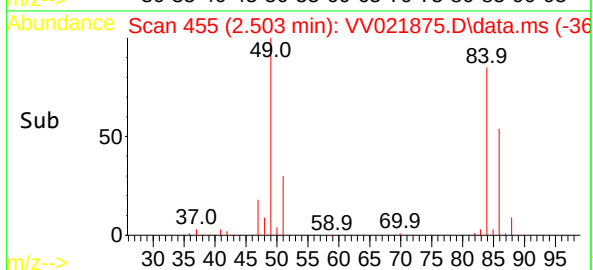
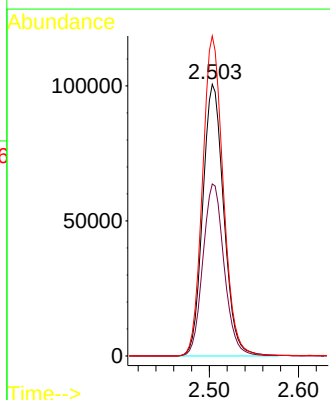
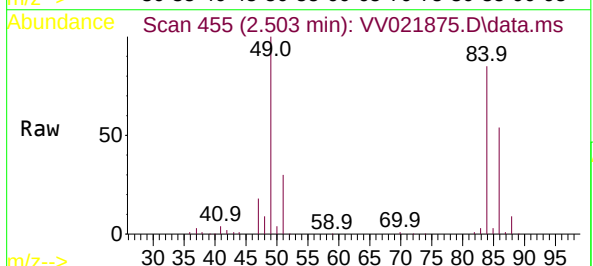
Instrument :
MSVOA_V
ClientSampled :

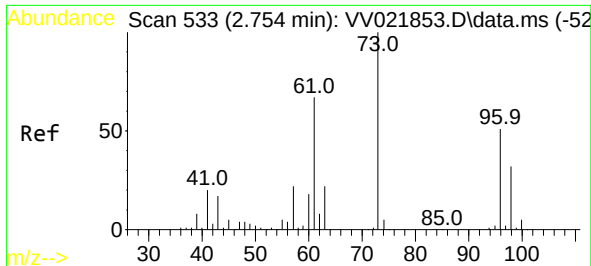
Tgt Ion: 43 Resp: 164956
Ion Ratio Lower Upper
43 100
74 25.5 19.0 28.6



#16
Methylene chloride
Concen: 46.403 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.000 min
Lab File: VV021875.D
Acq: 18 Aug 2021 19:28

Tgt Ion: 84 Resp: 164744
Ion Ratio Lower Upper
84 100
86 63.3 44.7 83.1
49 117.8 82.5 153.3

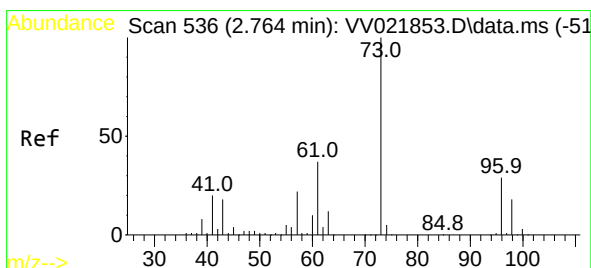
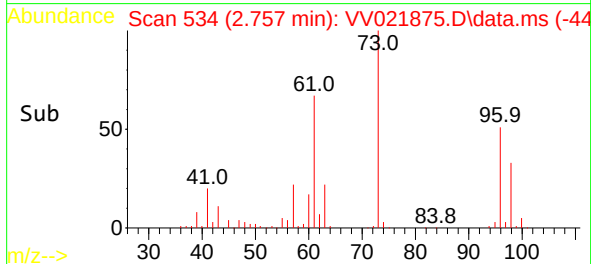
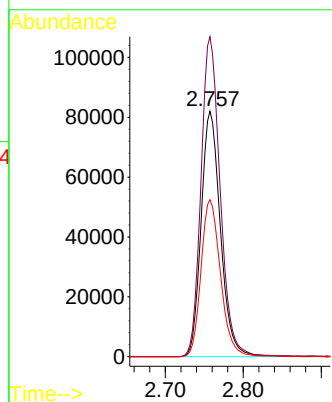
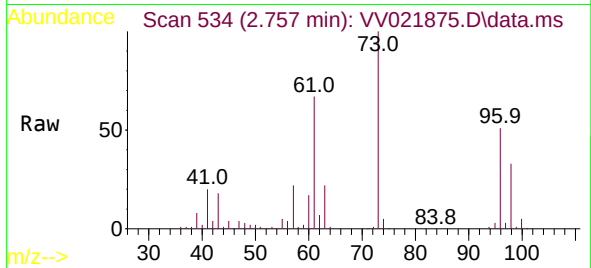




#17
trans-1,2-Dichloroethene
Concen: 47.059 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.003 min
Lab File: VV021875.D
Acq: 18 Aug 2021 19:28

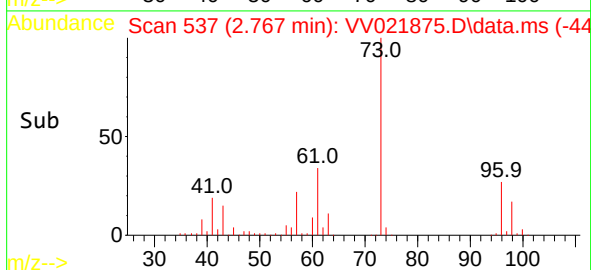
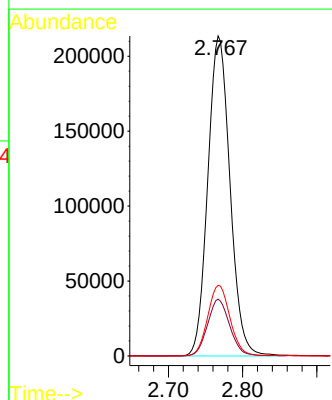
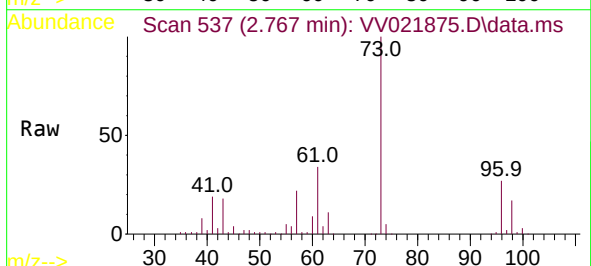
Instrument :
MSVOA_V
ClientSampleId :

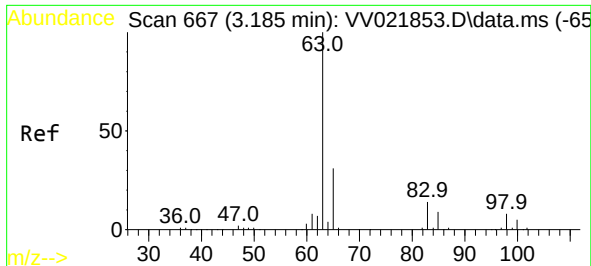
Tgt Ion: 96 Resp: 140945
Ion Ratio Lower Upper
96 100
61 130.4 90.4 168.0
98 64.0 44.4 82.5



#18
Methyl tert-butyl Ether
Concen: 48.056 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.003 min
Lab File: VV021875.D
Acq: 18 Aug 2021 19:28

Tgt Ion: 73 Resp: 442645
Ion Ratio Lower Upper
73 100
43 17.5 14.2 21.4
57 22.3 17.7 26.5





#19

1,1-Dichloroethane

Concen: 47.670 ug/L

RT: 3.188 min Scan# 668

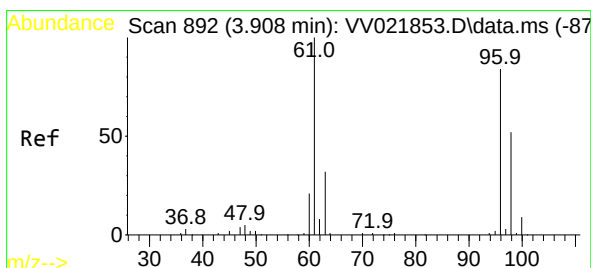
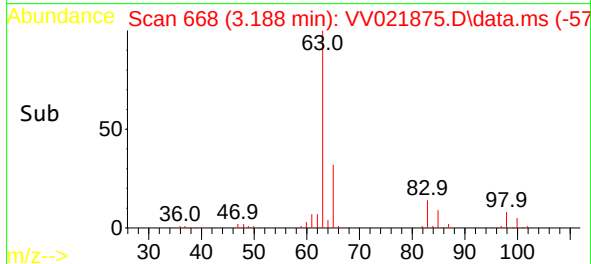
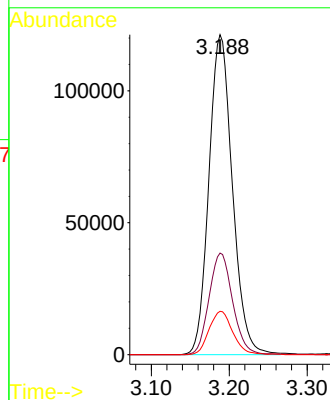
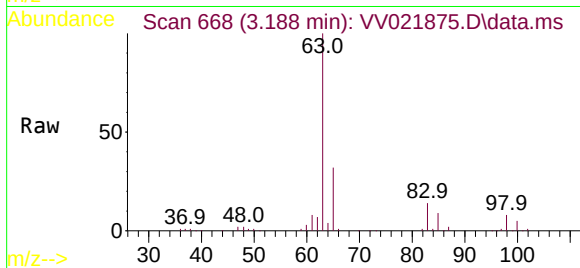
Delta R.T. 0.003 min

Lab File: VV021875.D

Acq: 18 Aug 2021 19:28

Tgt Ion: 63 Resp: 254152

Ion	Ratio	Lower	Upper
63	100		
65	31.8	21.8	40.6
83	13.6	9.6	17.8



#20

cis-1,2-Dichloroethene

Concen: 45.311 ug/L

RT: 3.912 min Scan# 893

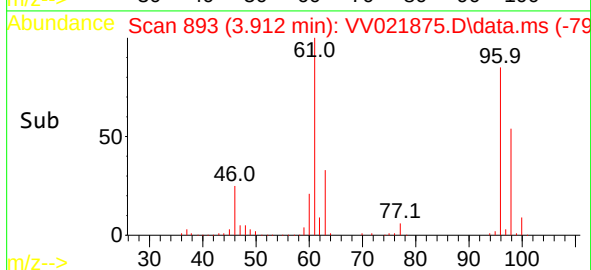
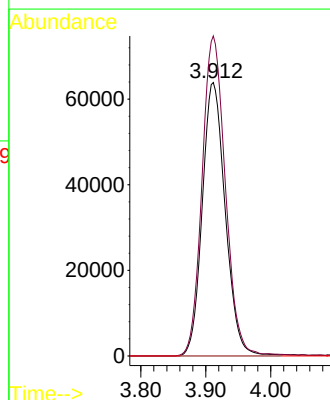
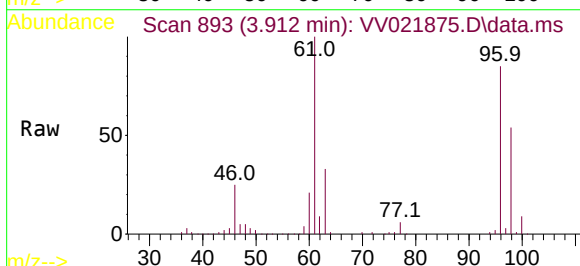
Delta R.T. 0.003 min

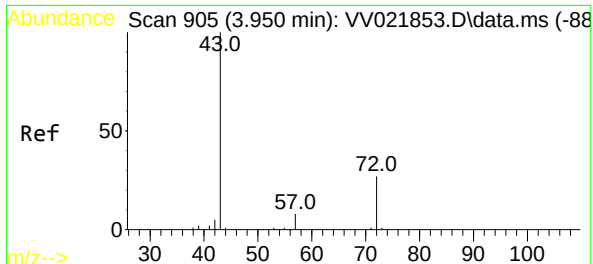
Lab File: VV021875.D

Acq: 18 Aug 2021 19:28

Tgt Ion: 96 Resp: 157147

Ion	Ratio	Lower	Upper
96	100		
61	117.0	81.0	150.4
68	0.0	0.0	0.0

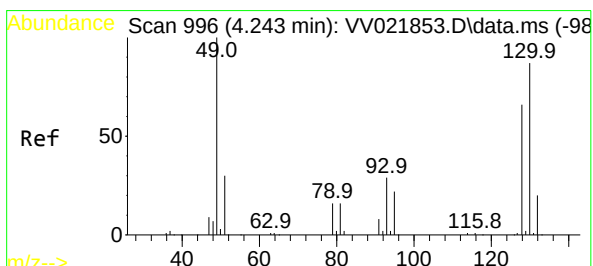
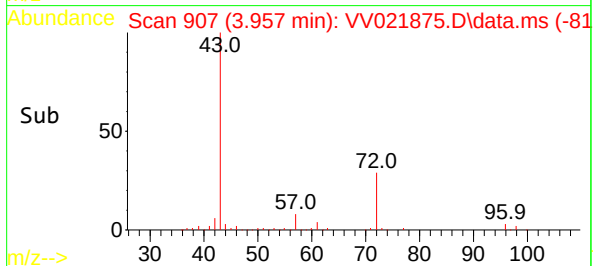
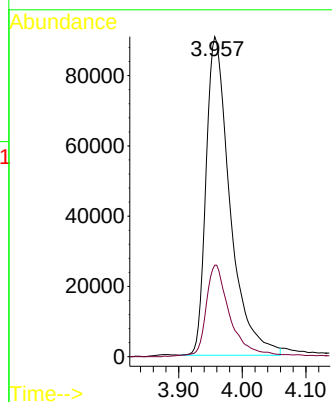
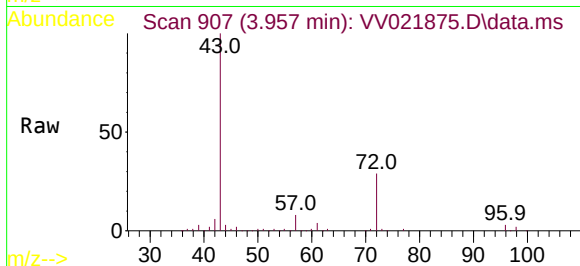




#22
2-Butanone
Concen: 94.325 ug/L
RT: 3.957 min Scan# 907
Delta R.T. 0.006 min
Lab File: VV021875.D
Acq: 18 Aug 2021 19:28

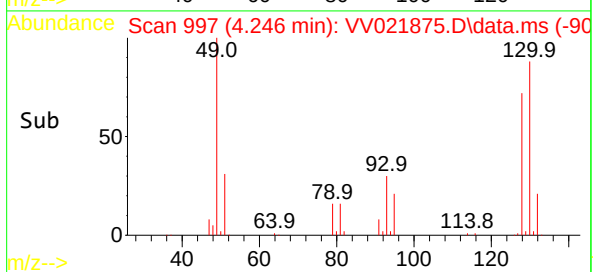
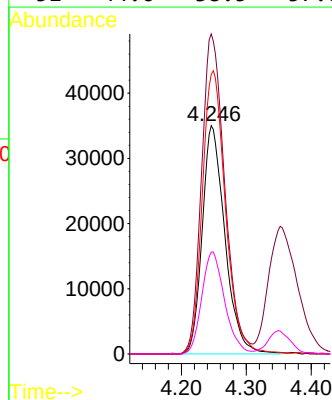
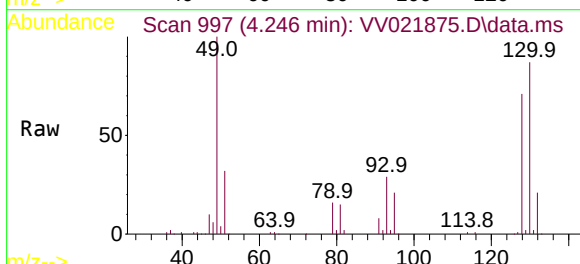
Instrument :
MSVOA_V
ClientSampled :

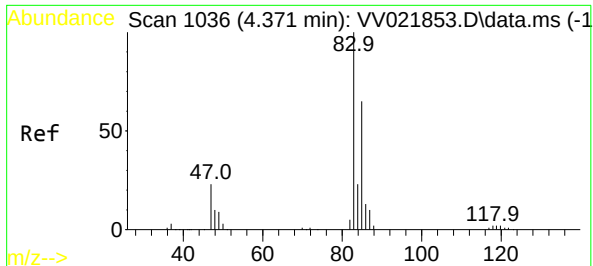
Tgt Ion: 43 Resp: 237293
Ion Ratio Lower Upper
43 100
72 27.8 13.6 40.8



#23
Bromochloromethane
Concen: 46.182 ug/L
RT: 4.246 min Scan# 997
Delta R.T. 0.003 min
Lab File: VV021875.D
Acq: 18 Aug 2021 19:28

Tgt Ion:128 Resp: 84978
Ion Ratio Lower Upper
128 100
49 140.1 105.6 196.0
130 122.4 89.5 166.1
51 44.6 38.5 57.7

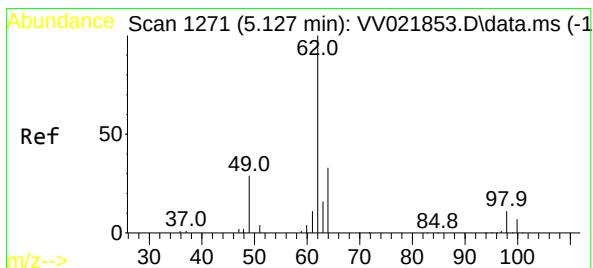
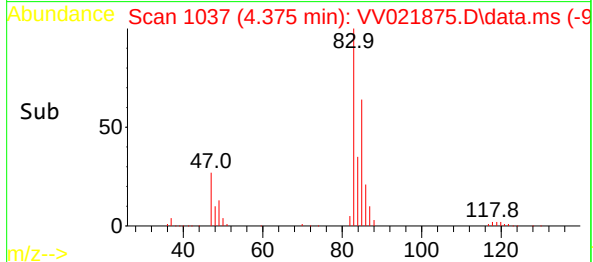
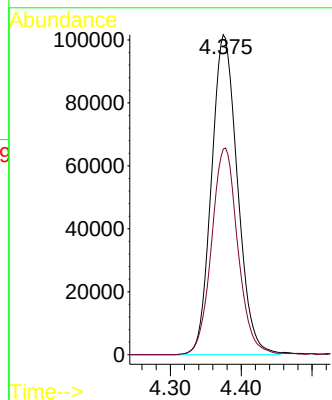
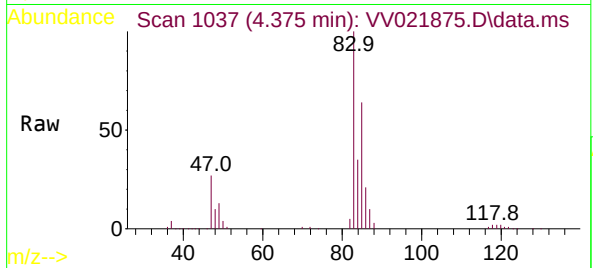




#25
Chloroform
Concen: 45.186 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VV021875.D
Acq: 18 Aug 2021 19:28

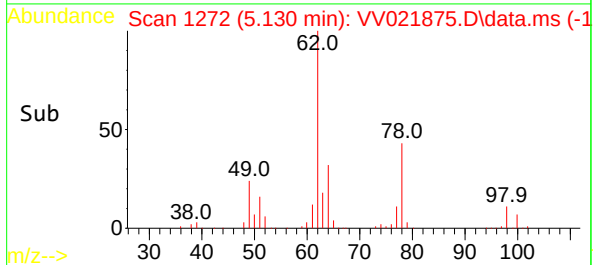
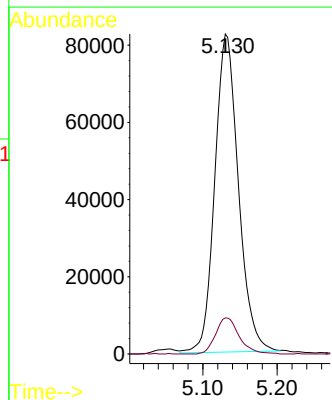
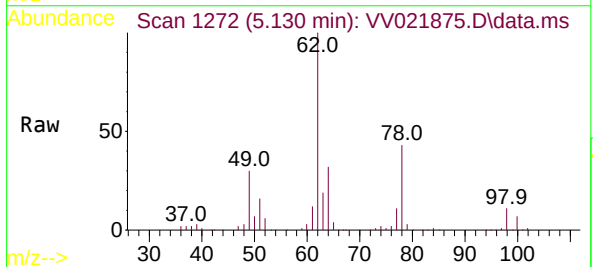
Instrument :
MSVOA_V
ClientSampled :

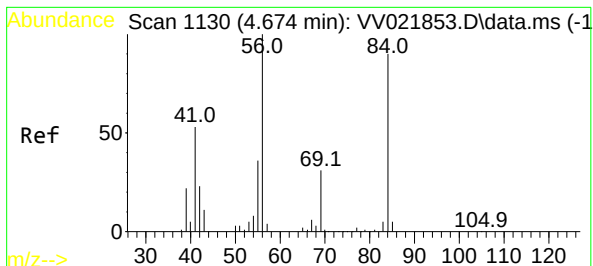
Tgt Ion: 83 Resp: 259217
Ion Ratio Lower Upper
83 100
85 64.3 44.8 83.2



#27
1,2-Dichloroethane
Concen: 45.093 ug/L
RT: 5.130 min Scan# 1272
Delta R.T. 0.003 min
Lab File: VV021875.D
Acq: 18 Aug 2021 19:28

Tgt Ion: 62 Resp: 182260
Ion Ratio Lower Upper
62 100
98 11.3 8.6 13.0





#29

Cyclohexane

Concen: 43.963 ug/L

RT: 4.677 min Scan# 1131

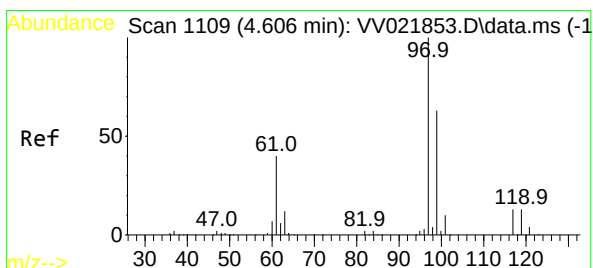
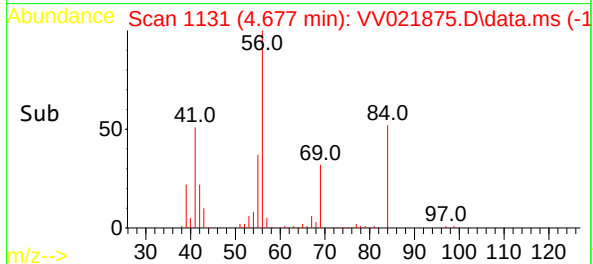
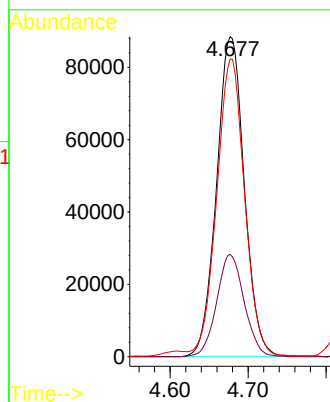
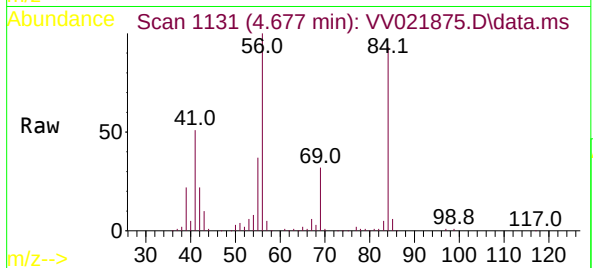
Delta R.T. 0.003 min

Lab File: VV021875.D

Acq: 18 Aug 2021 19:28

Tgt Ion:	56	Resp:	219047
Ion	Ratio	Lower	Upper
56	100		
69	31.6	24.9	37.3
84	93.1	72.6	109.0

Instrument :
MSVOA_V
ClientSampleId :



#30

1,1,1-Trichloroethane

Concen: 44.915 ug/L

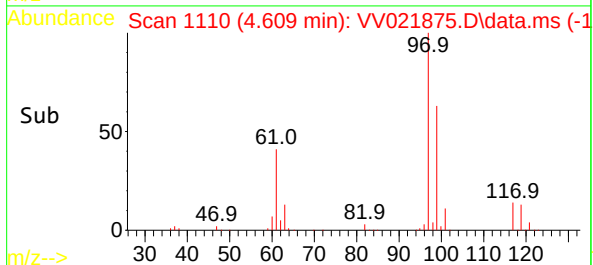
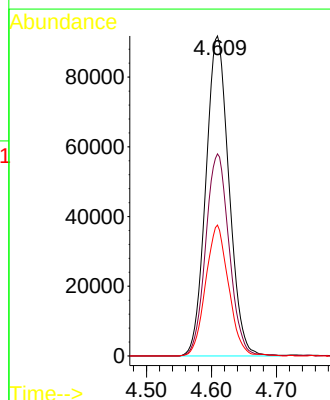
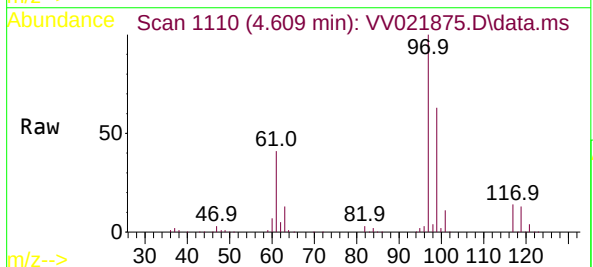
RT: 4.609 min Scan# 1110

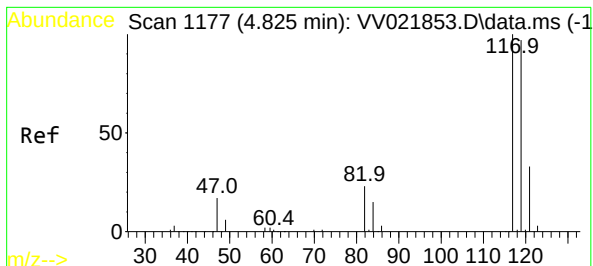
Delta R.T. 0.003 min

Lab File: VV021875.D

Acq: 18 Aug 2021 19:28

Tgt Ion:	97	Resp:	227373
Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.0	76.4
61	40.4	32.3	48.5

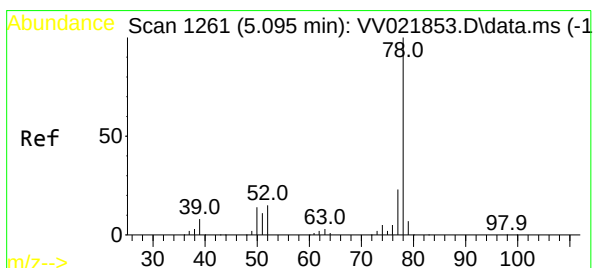
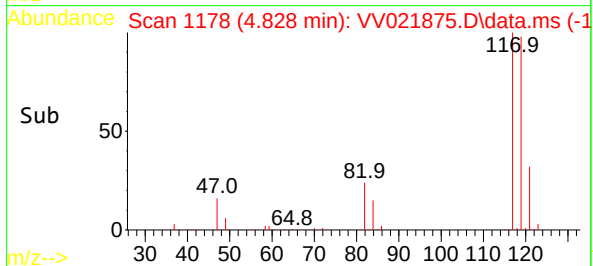
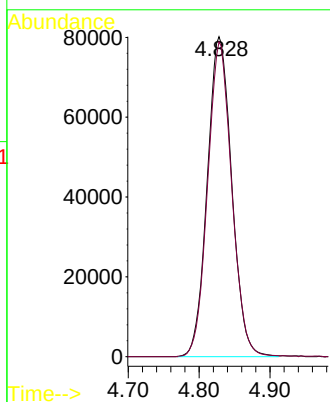
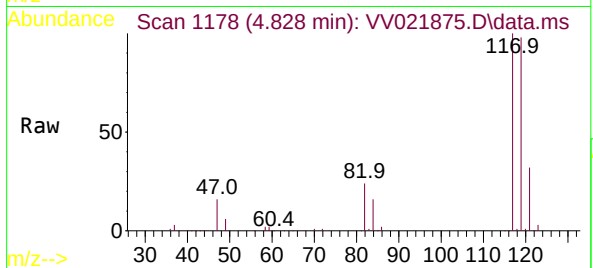




#31
Carbon tetrachloride
Concen: 43.957 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VV021875.D
Acq: 18 Aug 2021 19:28

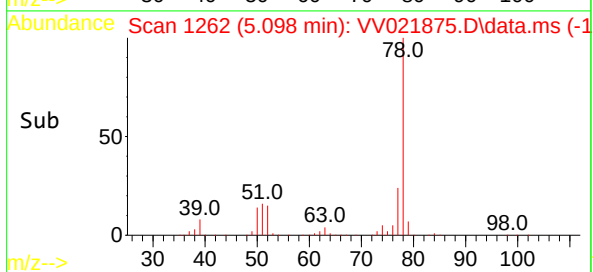
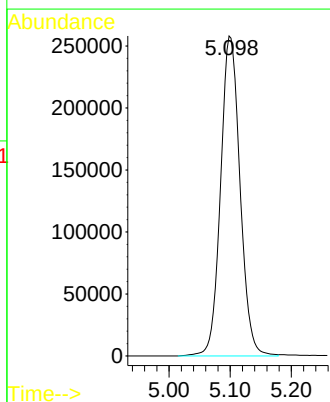
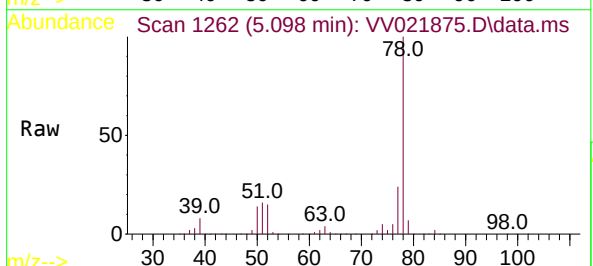
Instrument :
MSVOA_V
ClientSampled :

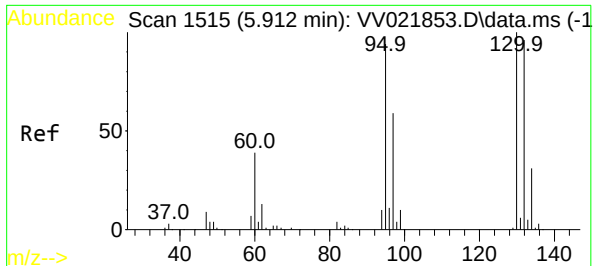
Tgt Ion:117 Resp: 192549
Ion Ratio Lower Upper
117 100
119 96.6 77.1 115.7



#33
Benzene
Concen: 45.784 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VV021875.D
Acq: 18 Aug 2021 19:28

Tgt Ion: 78 Resp: 569987





#34

Trichloroethene

Concen: 41.589 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. 0.003 min

Lab File: VV021875.D

Acq: 18 Aug 2021 19:28

Tgt Ion: 95 Resp: 148791

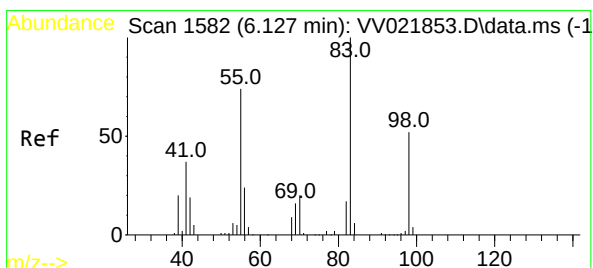
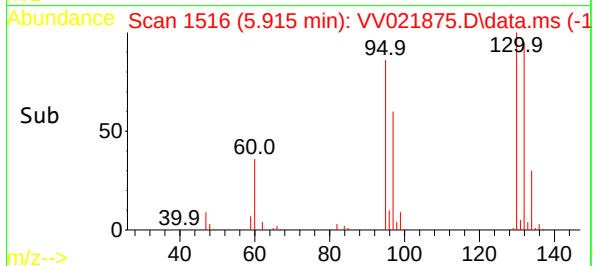
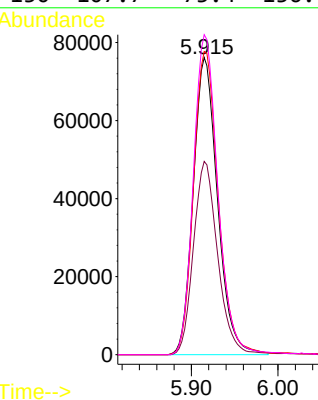
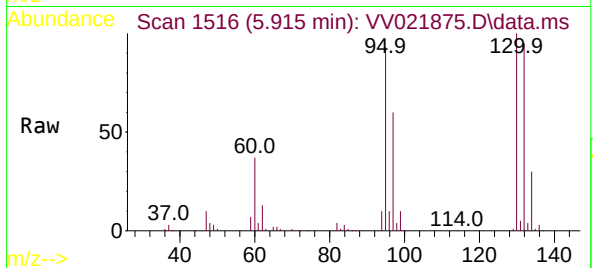
Ion Ratio Lower Upper

95 100

97 65.0 44.1 81.9

132 102.1 70.2 130.4

130 107.7 73.4 136.4



#35

Methylcyclohexane

Concen: 43.539 ug/L

RT: 6.133 min Scan# 1584

Delta R.T. 0.006 min

Lab File: VV021875.D

Acq: 18 Aug 2021 19:28

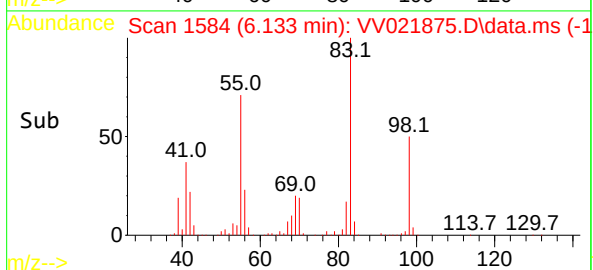
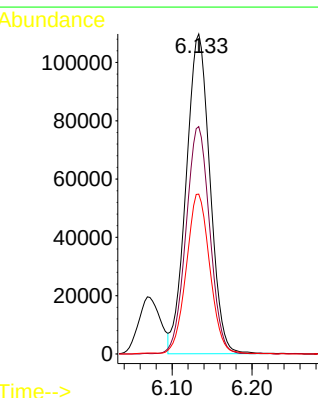
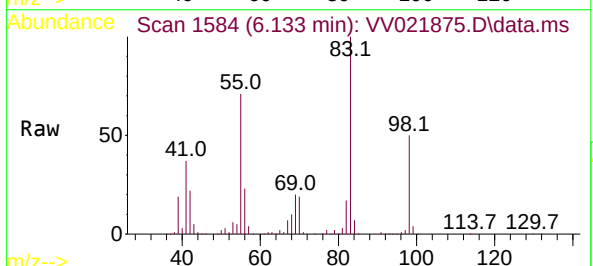
Tgt Ion: 83 Resp: 227248

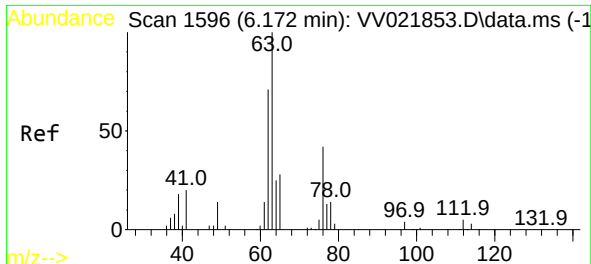
Ion Ratio Lower Upper

83 100

55 70.7 57.9 86.9

98 49.2 39.9 59.9

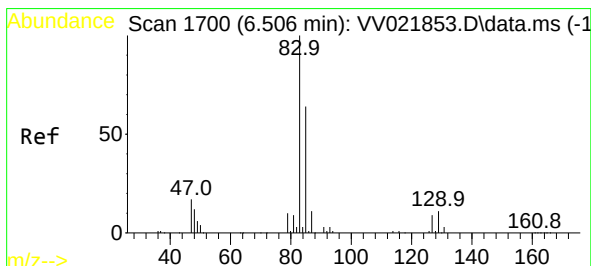
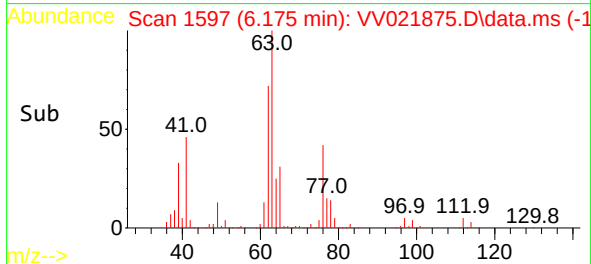
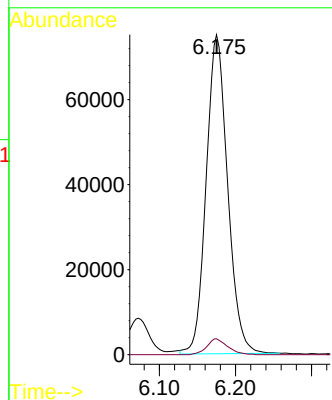
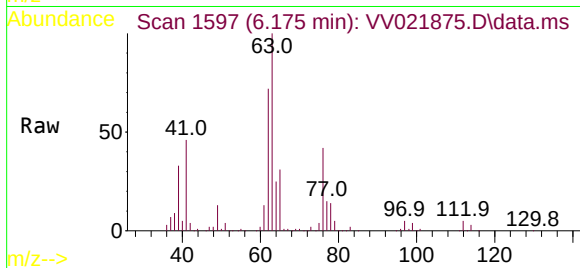




#37
1,2-Dichloropropane
Concen: 46.626 ug/L
RT: 6.175 min Scan# 1597
Delta R.T. 0.003 min
Lab File: VV021875.D
Acq: 18 Aug 2021 19:28

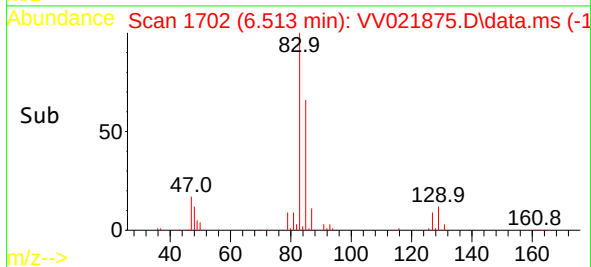
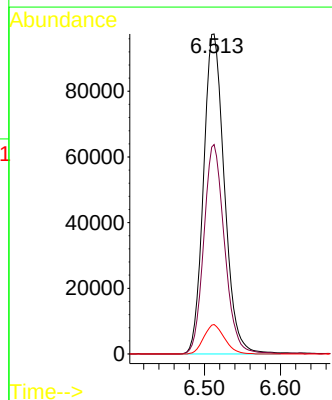
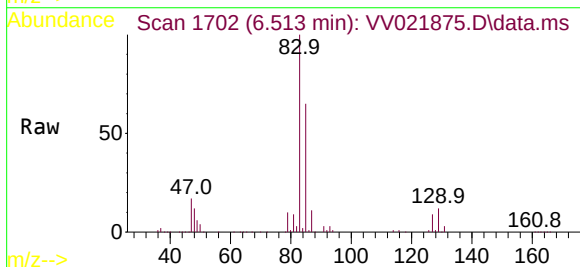
Instrument :
MSVOA_V
ClientSampleId :

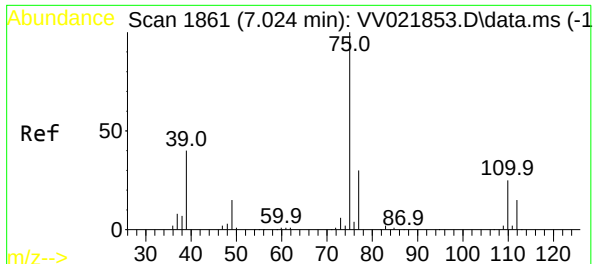
Tgt Ion: 63 Resp: 146983
Ion Ratio Lower Upper
63 100
112 4.8 3.8 5.6



#38
Bromodichloromethane
Concen: 44.748 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VV021875.D
Acq: 18 Aug 2021 19:28

Tgt Ion: 83 Resp: 185922
Ion Ratio Lower Upper
83 100
85 65.5 45.7 84.9
127 9.2 7.4 11.2

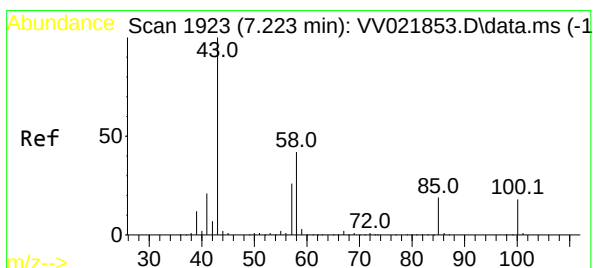
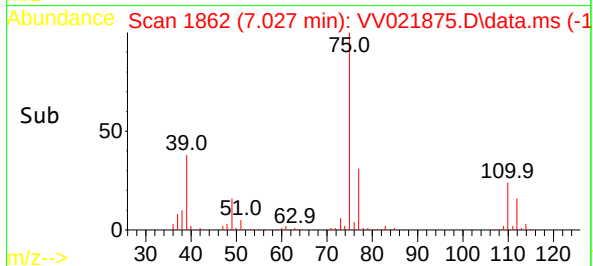
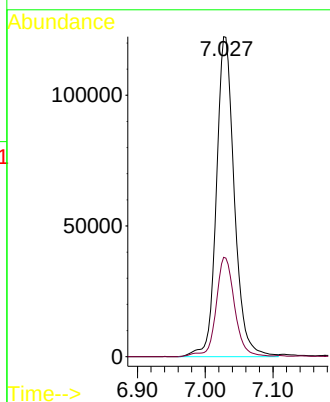
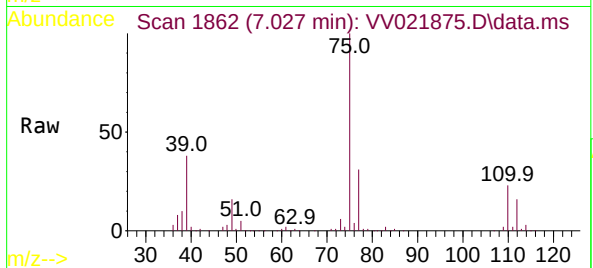




#39
cis-1,3-Dichloropropene
Concen: 45.124 ug/L
RT: 7.027 min Scan# 1862
Delta R.T. 0.003 min
Lab File: VV021875.D
Acq: 18 Aug 2021 19:28

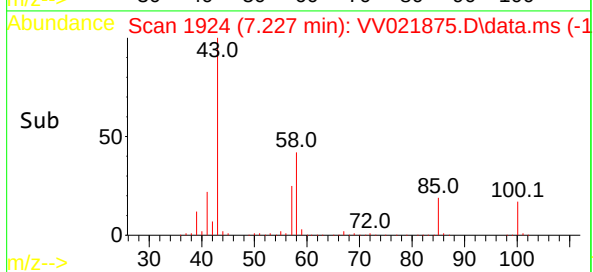
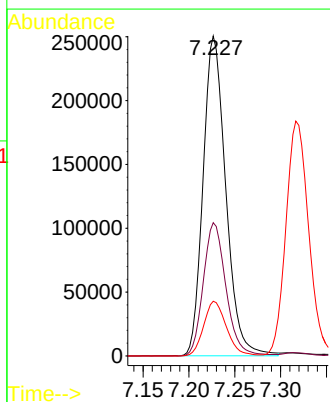
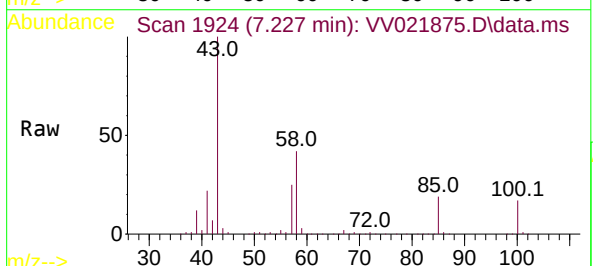
Instrument :
MSVOA_V
ClientSampled :

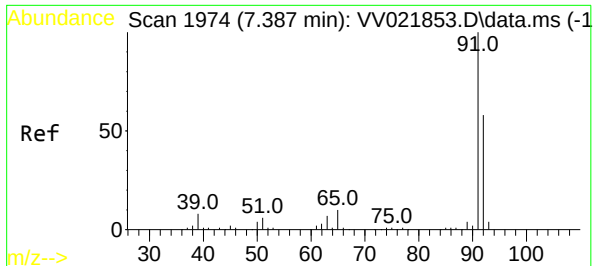
Tgt Ion: 75 Resp: 225246
Ion Ratio Lower Upper
75 100
77 31.0 22.5 41.9



#40
4-Methyl-2-pentanone
Concen: 99.500 ug/L
RT: 7.227 min Scan# 1924
Delta R.T. 0.003 min
Lab File: VV021875.D
Acq: 18 Aug 2021 19:28

Tgt Ion: 43 Resp: 431462
Ion Ratio Lower Upper
43 100
58 41.7 32.9 49.3
100 17.2 14.0 21.0

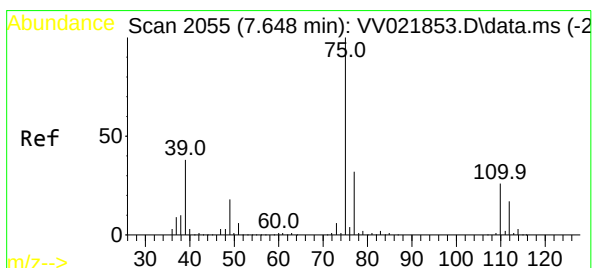
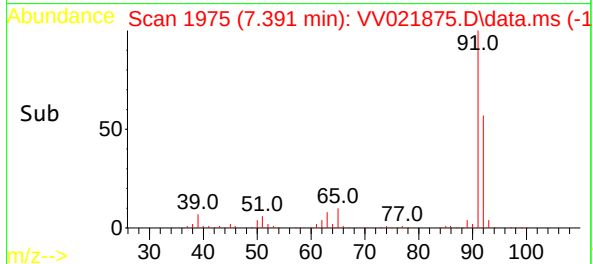
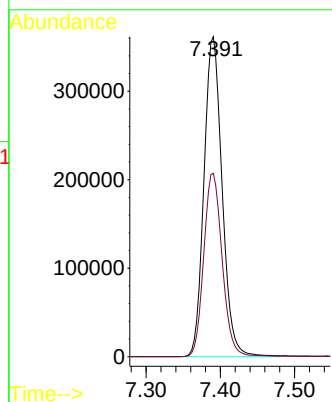
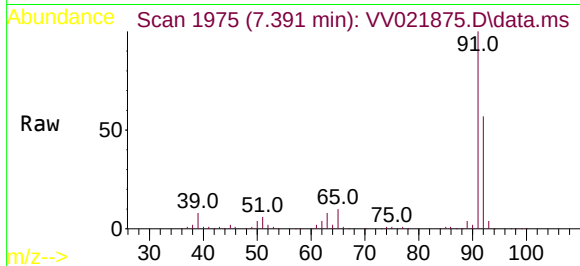




#42
Toluene
Concen: 46.162 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.003 min
Lab File: VV021875.D
Acq: 18 Aug 2021 19:28

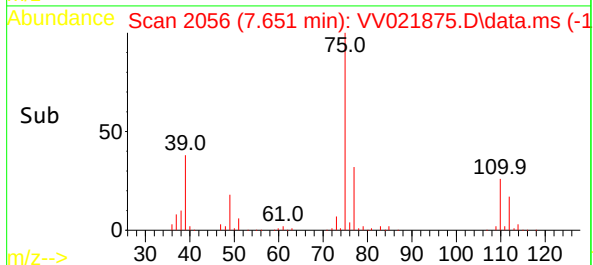
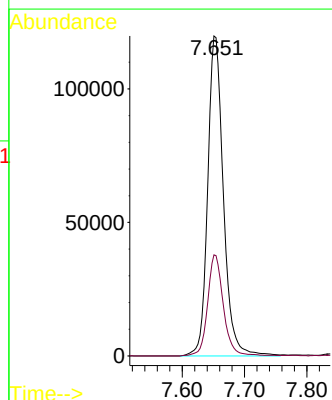
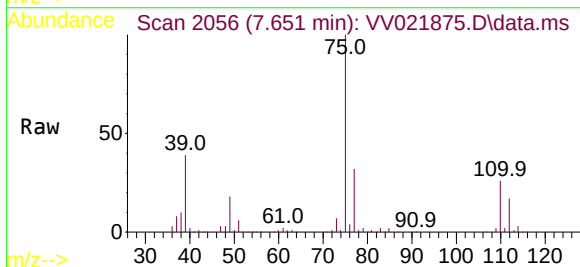
Instrument :
MSVOA_V
ClientSampled :

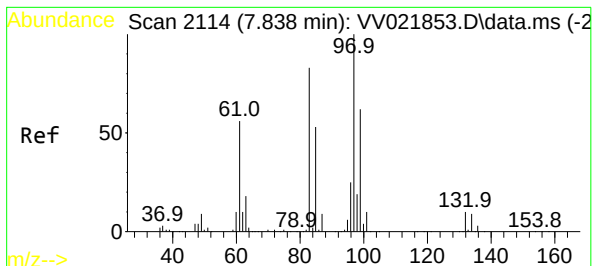
Tgt Ion: 91 Resp: 613794
Ion Ratio Lower Upper
91 100
92 57.3 40.1 74.5



#44
trans-1,3-Dichloropropene
Concen: 44.671 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. 0.003 min
Lab File: VV021875.D
Acq: 18 Aug 2021 19:28

Tgt Ion: 75 Resp: 210141
Ion Ratio Lower Upper
75 100
77 31.6 22.2 41.2

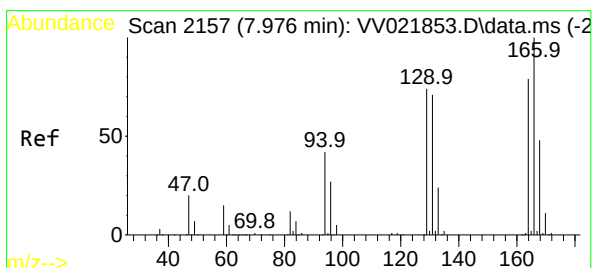
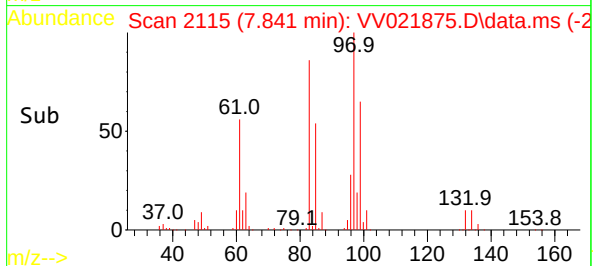
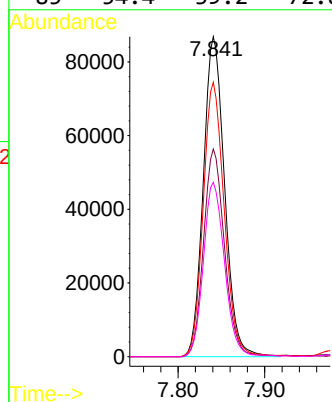
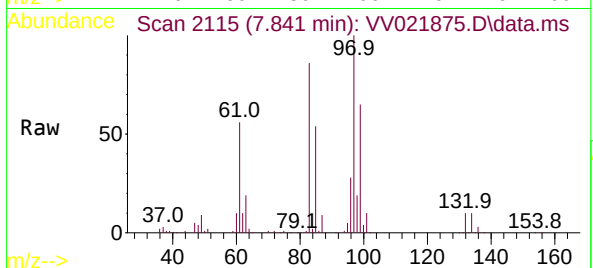




#45
1,1,2-Trichloroethane
Concen: 46.989 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VV021875.D
Acq: 18 Aug 2021 19:28

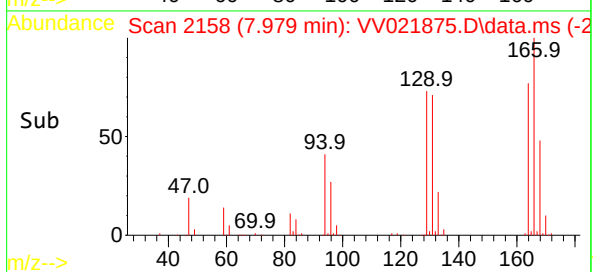
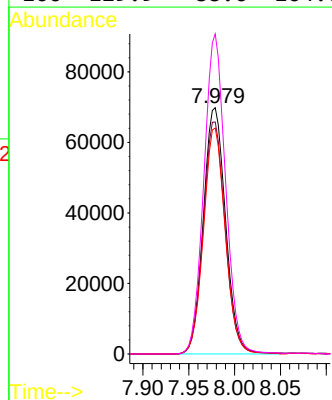
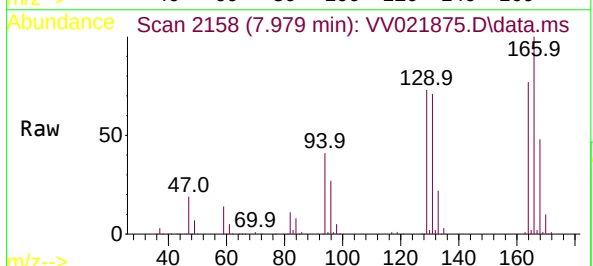
Instrument :
MSVOA_V
ClientSampleId :

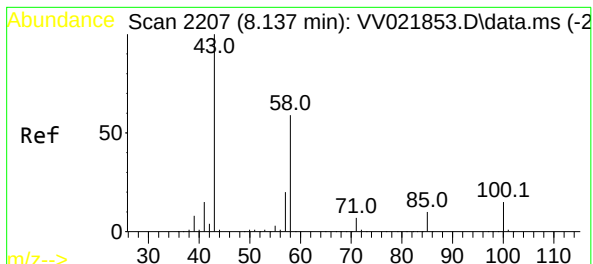
Tgt Ion: 97 Resp: 148387
Ion Ratio Lower Upper
97 100
99 64.9 44.2 82.0
83 85.7 59.2 110.0
85 54.4 39.2 72.8



#46
Tetrachloroethene
Concen: 44.400 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV021875.D
Acq: 18 Aug 2021 19:28

Tgt Ion:164 Resp: 118052
Ion Ratio Lower Upper
164 100
129 94.2 63.7 118.3
131 91.7 61.5 114.3
166 129.9 88.6 164.6



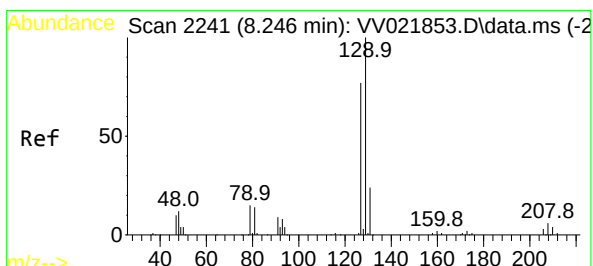
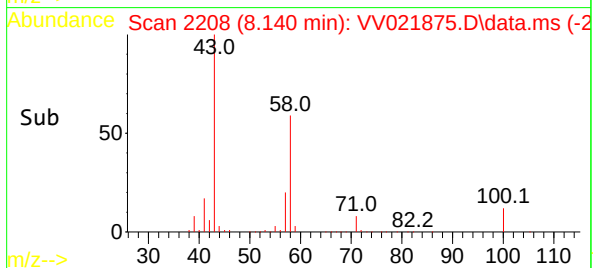
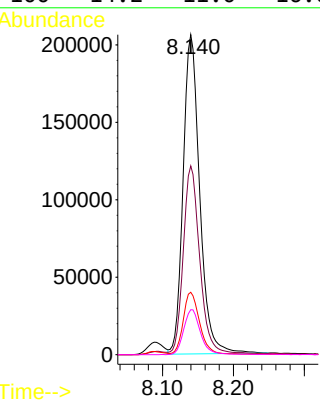
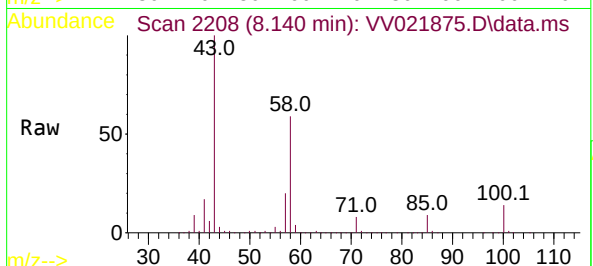


#48
2-Hexanone
Concen: 99.839 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.003 min
Lab File: VV021875.D
Acq: 18 Aug 2021 19:28

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 335354

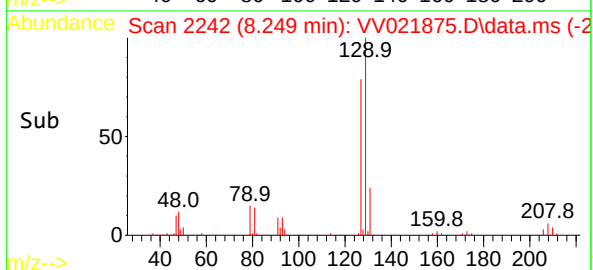
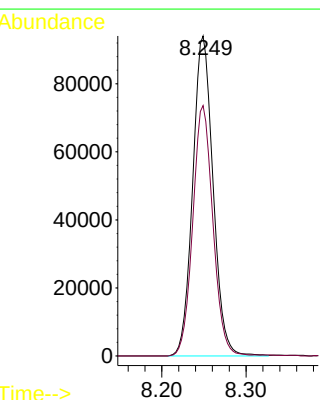
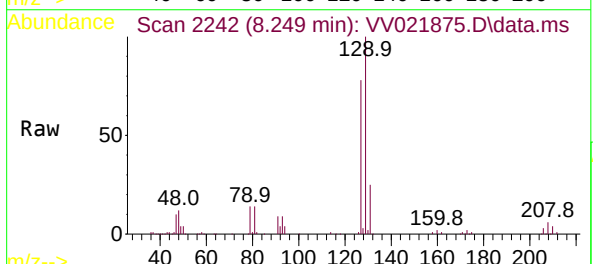
Ion	Ratio	Lower	Upper
43	100		
58	57.3	45.4	68.2
57	18.9	15.3	22.9
100	14.2	11.0	16.6

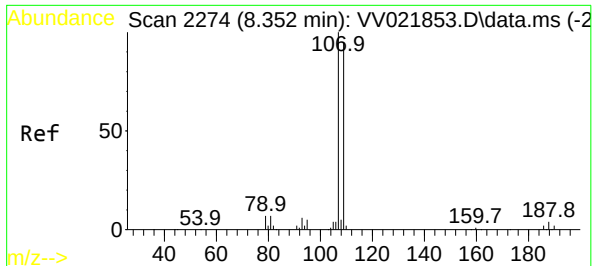


#49
Dibromochloromethane
Concen: 45.346 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.003 min
Lab File: VV021875.D
Acq: 18 Aug 2021 19:28

Tgt Ion: 129 Resp: 158107

Ion	Ratio	Lower	Upper
129	100		
127	78.2	54.9	101.9

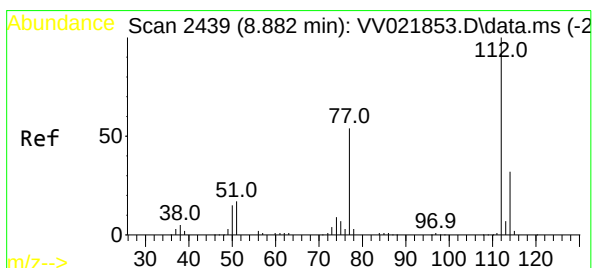
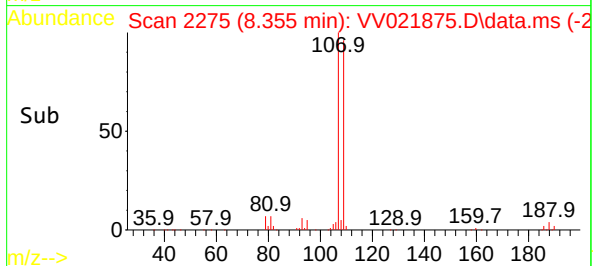
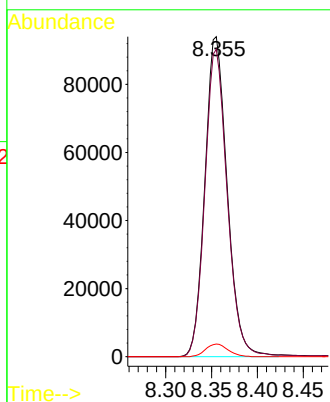
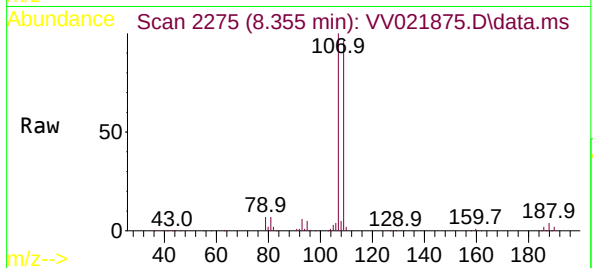




#50
1,2-Dibromoethane
Concen: 46.377 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. 0.003 min
Lab File: VV021875.D
Acq: 18 Aug 2021 19:28

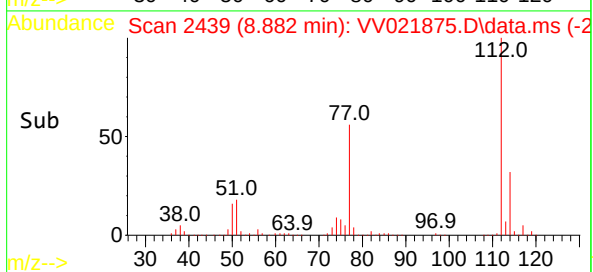
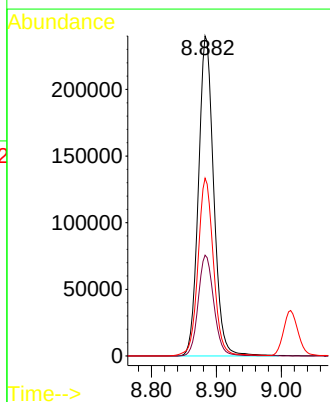
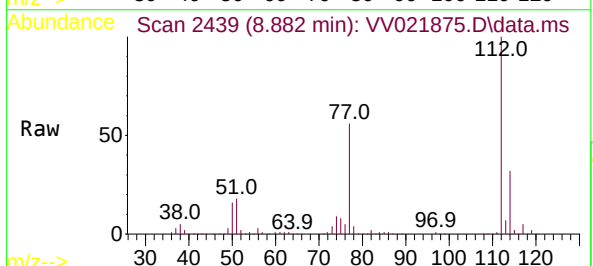
Instrument :
MSVOA_V
ClientSampleId :

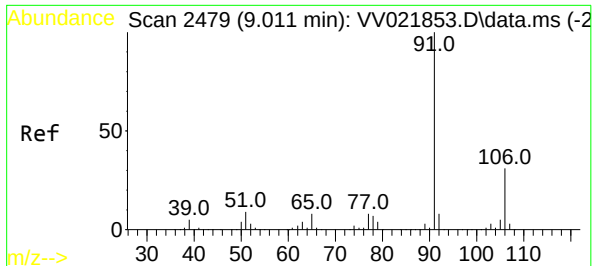
Tgt Ion:107 Resp: 159376
Ion Ratio Lower Upper
107 100
109 96.1 66.3 123.1
188 3.9 3.0 4.4



#51
Chlorobenzene
Concen: 45.312 ug/L
RT: 8.882 min Scan# 2439
Delta R.T. -0.000 min
Lab File: VV021875.D
Acq: 18 Aug 2021 19:28

Tgt Ion:112 Resp: 393381
Ion Ratio Lower Upper
112 100
114 31.5 22.2 41.2
77 55.5 43.7 65.5

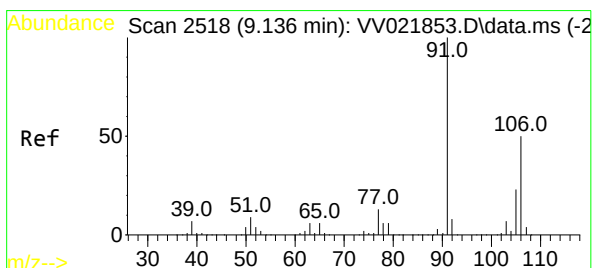
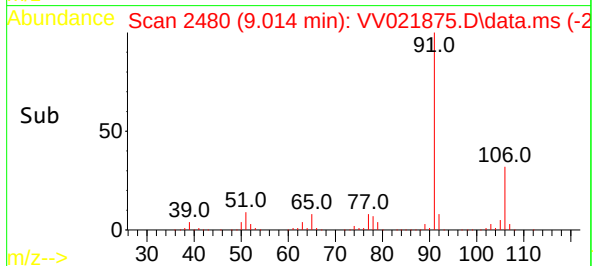
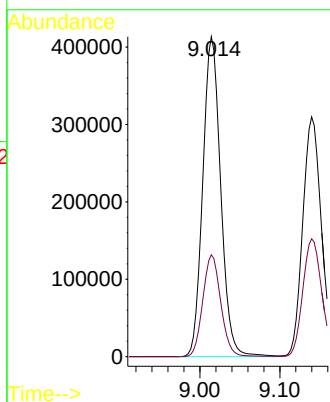
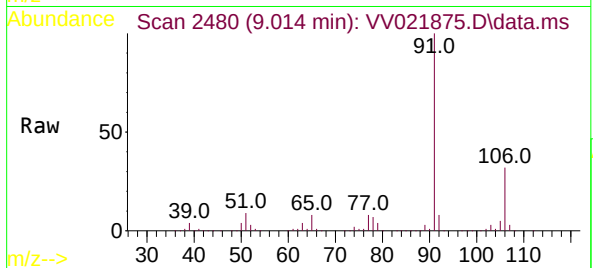




#52
Ethylbenzene
Concen: 45.592 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.003 min
Lab File: VV021875.D
Acq: 18 Aug 2021 19:28

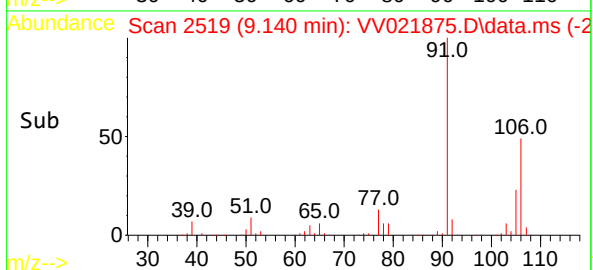
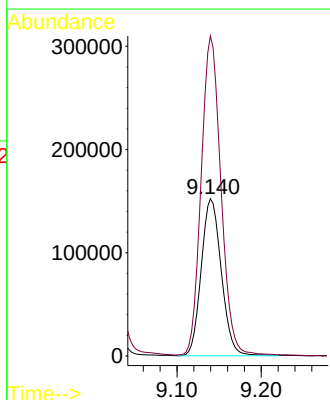
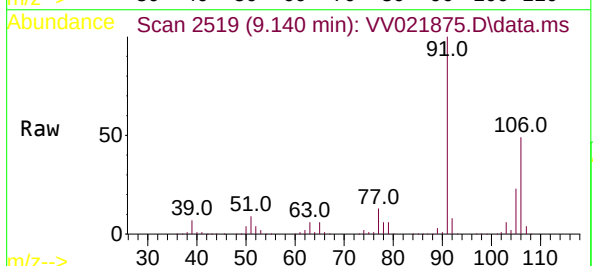
Instrument :
MSVOA_V
ClientSampleId :

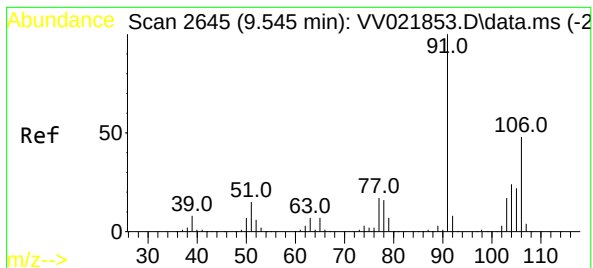
Tgt Ion: 91 Resp: 646748
Ion Ratio Lower Upper
91 100
106 31.8 22.2 41.2



#53
m,p-Xylene
Concen: 45.897 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV021875.D
Acq: 18 Aug 2021 19:28

Tgt Ion: 106 Resp: 252327
Ion Ratio Lower Upper
106 100
91 203.5 139.2 258.6

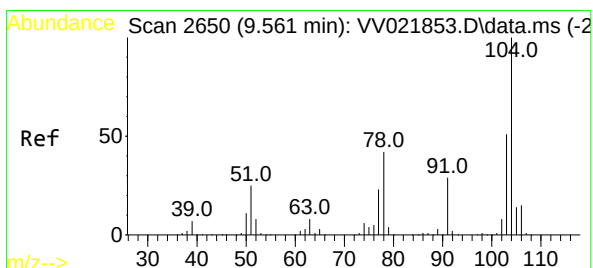
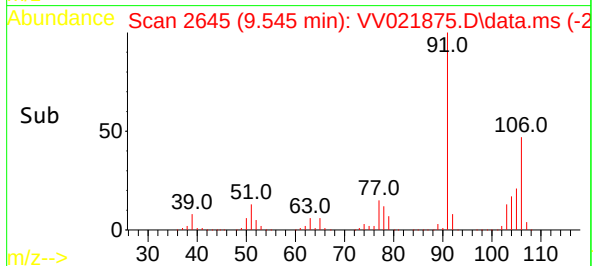
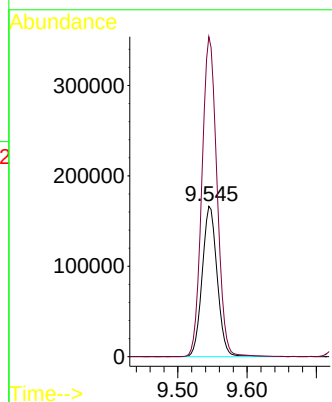
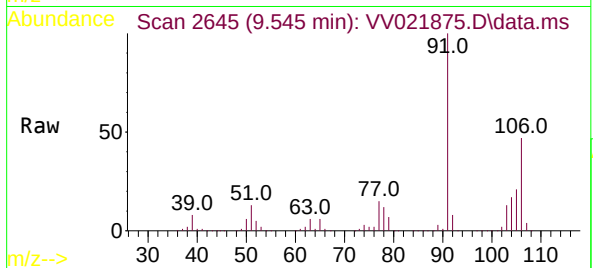




#54
o-Xylene
Concen: 45.864 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV021875.D
Acq: 18 Aug 2021 19:28

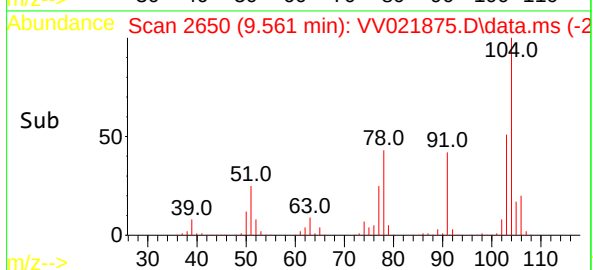
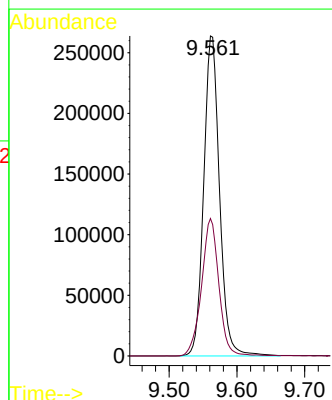
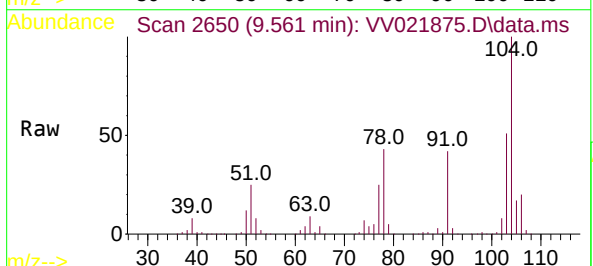
Instrument :
MSVOA_V
ClientSampled :

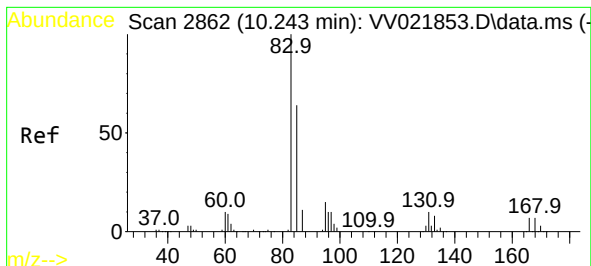
Tgt Ion:106 Resp: 249936
Ion Ratio Lower Upper
106 100
91 212.8 148.1 275.0



#55
Styrene
Concen: 46.893 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV021875.D
Acq: 18 Aug 2021 19:28

Tgt Ion:104 Resp: 427929
Ion Ratio Lower Upper
104 100
78 42.9 30.2 56.2

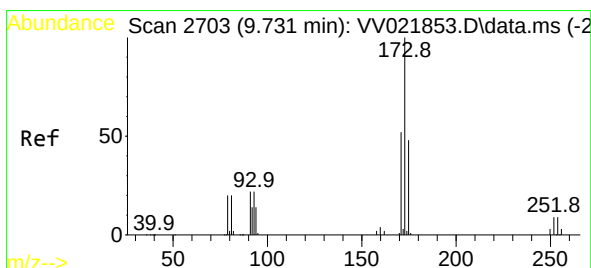
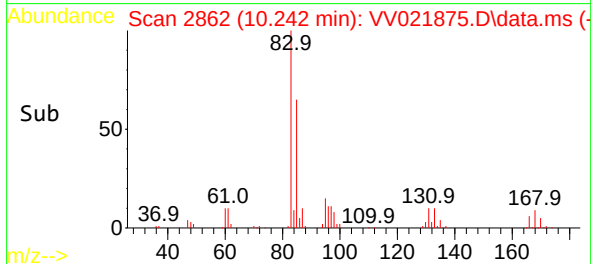
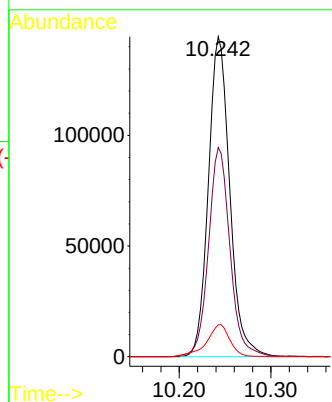
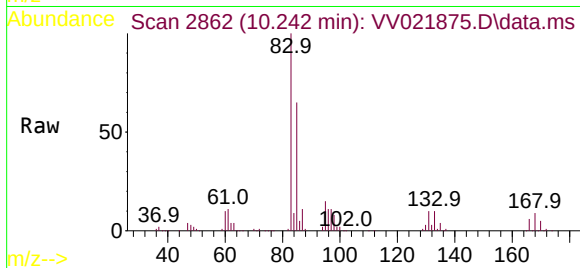




#57
1,1,2,2-Tetrachloroethane
Concen: 53.245 ug/L
RT: 10.242 min Scan# 2862
Delta R.T. -0.000 min
Lab File: VV021875.D
Acq: 18 Aug 2021 19:28

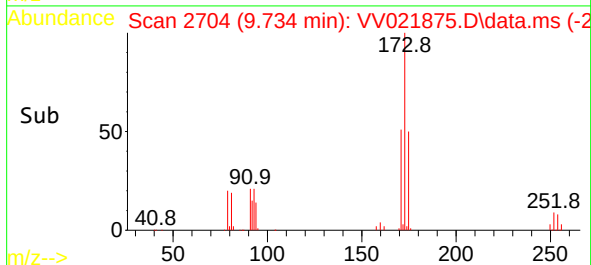
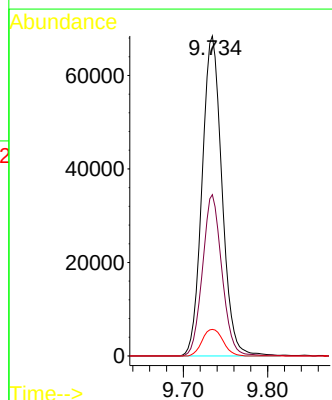
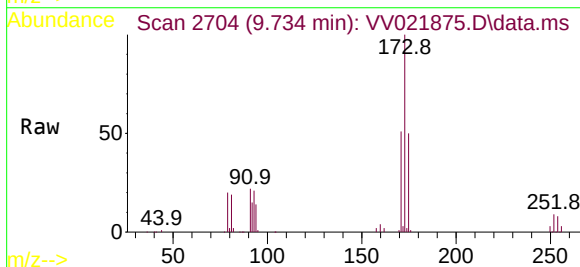
Instrument :
MSVOA_V
ClientSampleId :

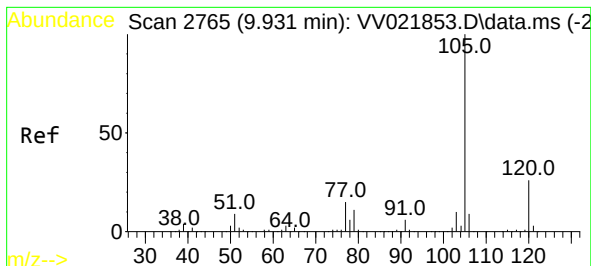
Tgt Ion: 83 Resp: 234077
Ion Ratio Lower Upper
83 100
85 65.3 44.4 82.5
131 10.0 7.9 11.9



#59
Bromoform
Concen: 44.036 ug/L
RT: 9.734 min Scan# 2704
Delta R.T. 0.003 min
Lab File: VV021875.D
Acq: 18 Aug 2021 19:28

Tgt Ion: 173 Resp: 112458
Ion Ratio Lower Upper
173 100
175 49.2 38.6 58.0
254 8.7 7.2 10.8

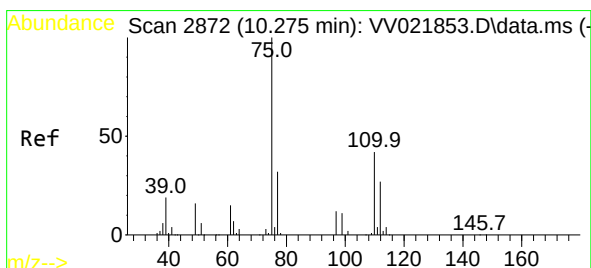
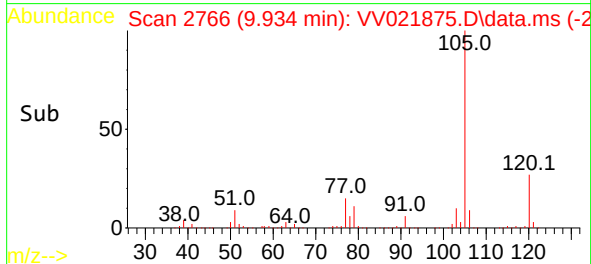
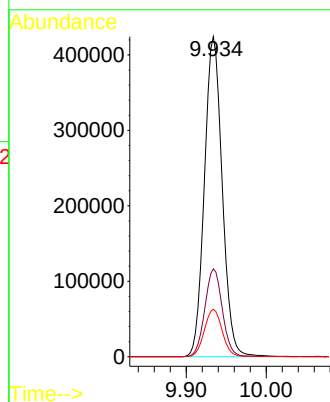
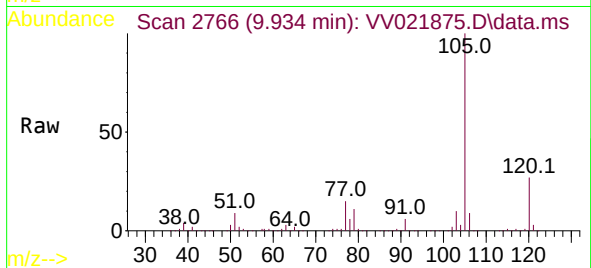




#60
Isopropylbenzene
Concen: 45.629 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.003 min
Lab File: VV021875.D
Acq: 18 Aug 2021 19:28

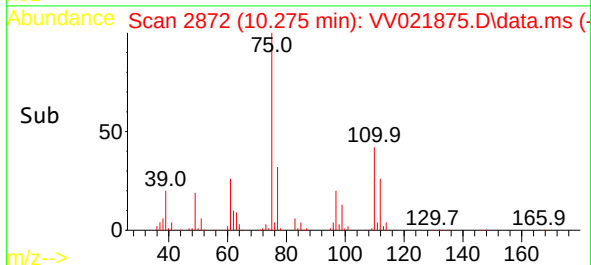
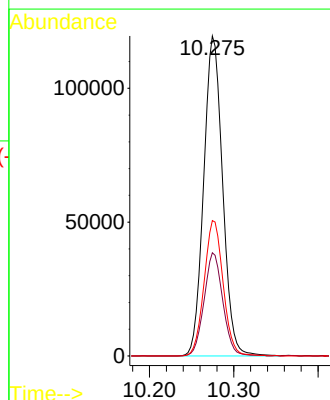
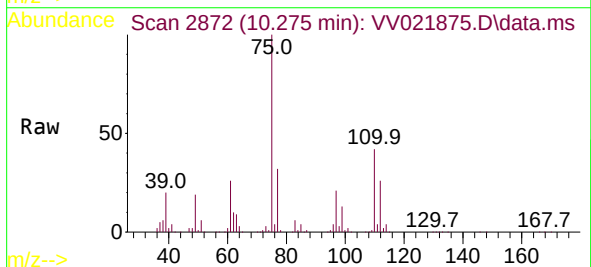
Instrument :
MSVOA_V
ClientSampleId :

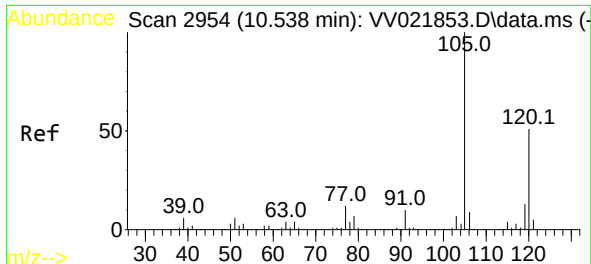
Tgt Ion:105 Resp: 657175
Ion Ratio Lower Upper
105 100
120 27.1 21.3 31.9
77 14.9 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 47.156 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV021875.D
Acq: 18 Aug 2021 19:28

Tgt Ion: 75 Resp: 187213
Ion Ratio Lower Upper
75 100
77 31.8 25.5 38.3
110 42.5 33.4 50.2

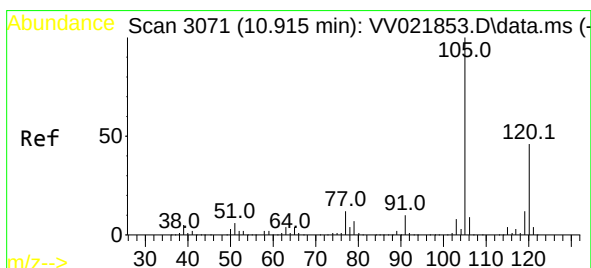
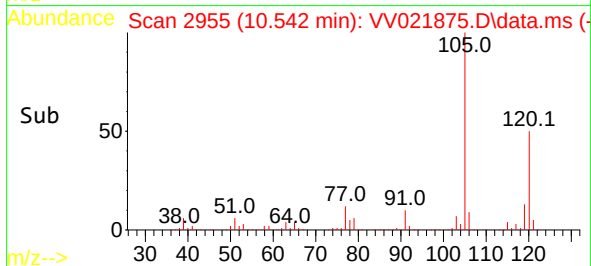
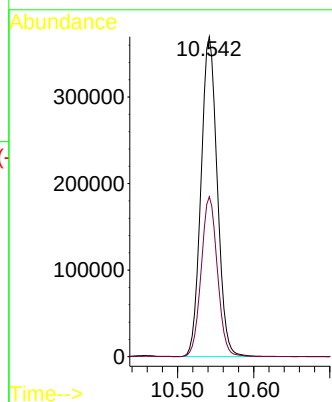
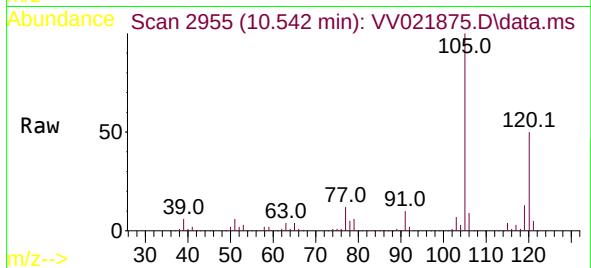




#62
1,3,5-Trimethylbenzene
Concen: 45.337 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.003 min
Lab File: VV021875.D
Acq: 18 Aug 2021 19:28

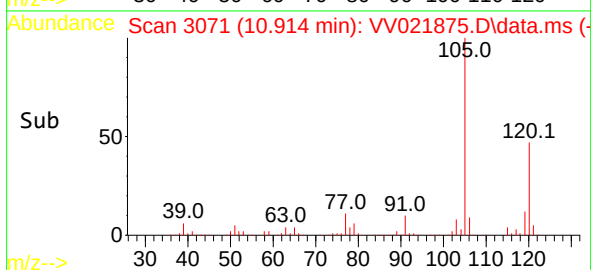
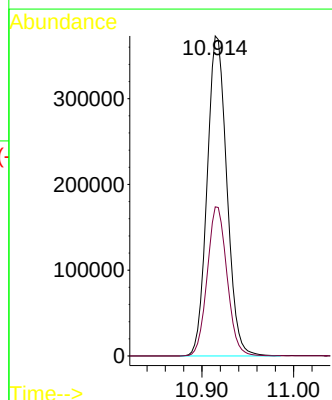
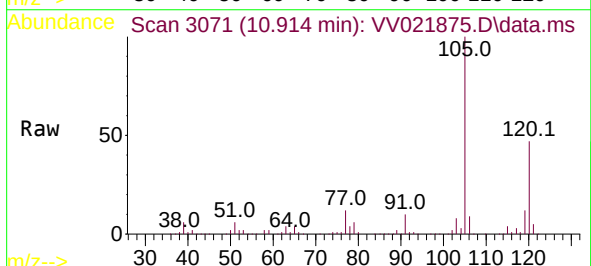
Instrument :
MSVOA_V
ClientSampleId :

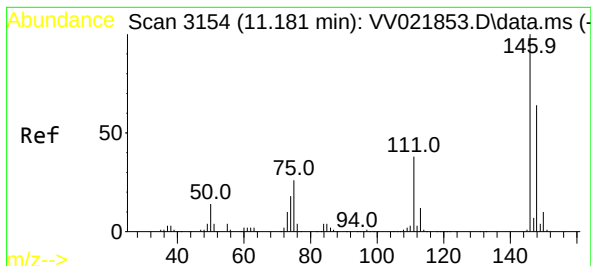
Tgt Ion:105 Resp: 547964
Ion Ratio Lower Upper
105 100
120 49.9 40.2 60.4



#63
1,2,4-Trimethylbenzene
Concen: 45.357 ug/L
RT: 10.914 min Scan# 3071
Delta R.T. -0.000 min
Lab File: VV021875.D
Acq: 18 Aug 2021 19:28

Tgt Ion:105 Resp: 557389
Ion Ratio Lower Upper
105 100
120 46.8 37.3 55.9

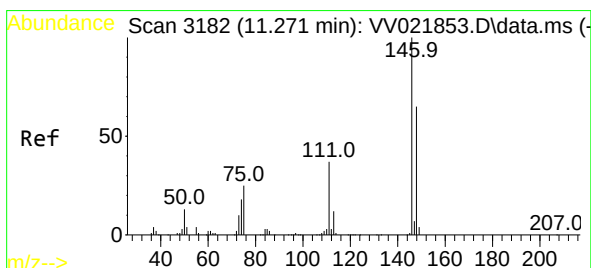
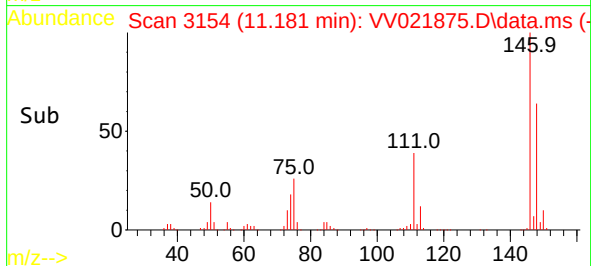
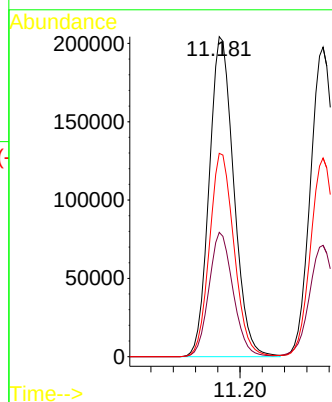
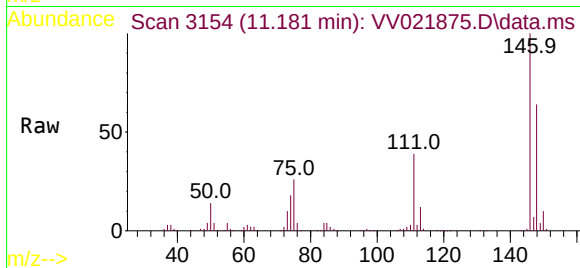




#64
1,3-Dichlorobenzene
Concen: 44.930 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV021875.D
Acq: 18 Aug 2021 19:28

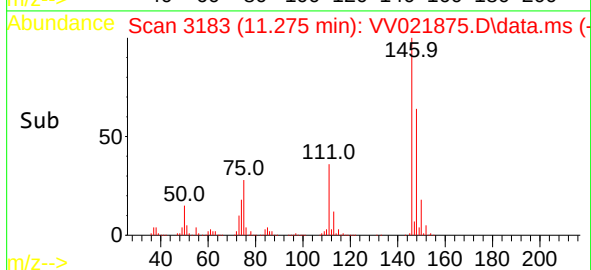
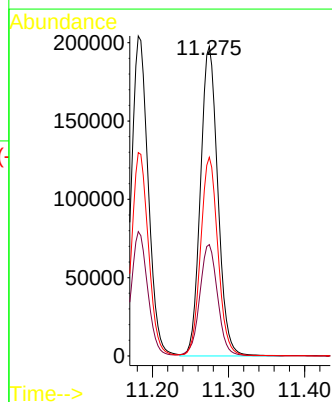
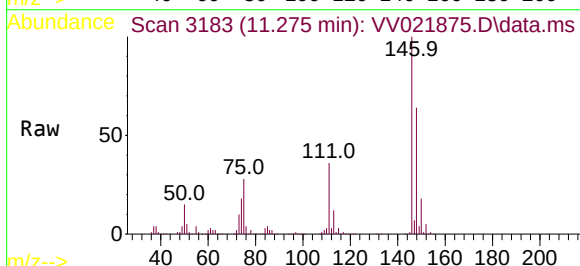
Instrument :
MSVOA_V
ClientSampleId :

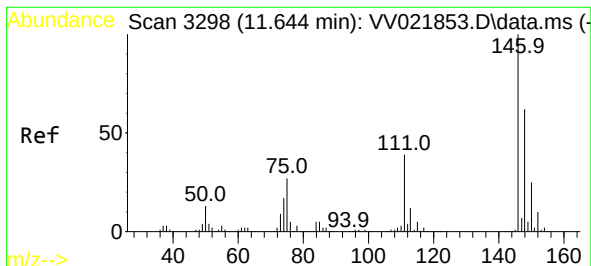
Tgt Ion:146 Resp: 313377
Ion Ratio Lower Upper
146 100
111 38.9 26.5 49.1
148 63.5 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 45.114 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.003 min
Lab File: VV021875.D
Acq: 18 Aug 2021 19:28

Tgt Ion:146 Resp: 314086
Ion Ratio Lower Upper
146 100
111 36.0 26.2 48.6
148 64.2 45.1 83.9

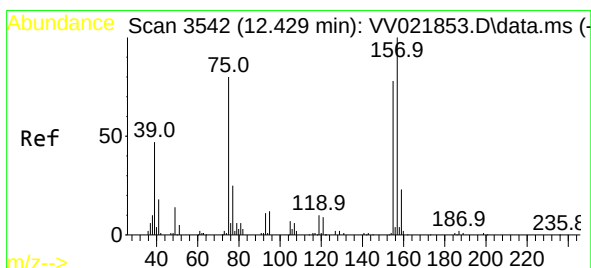
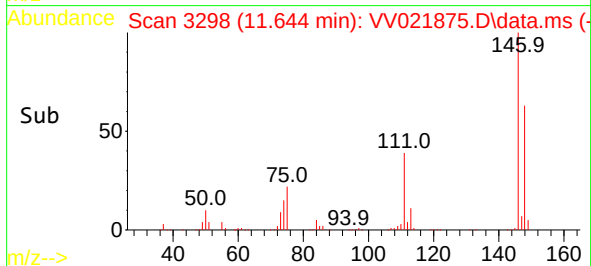
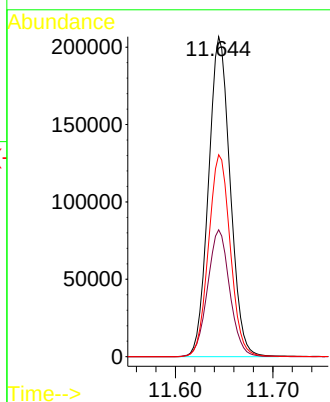
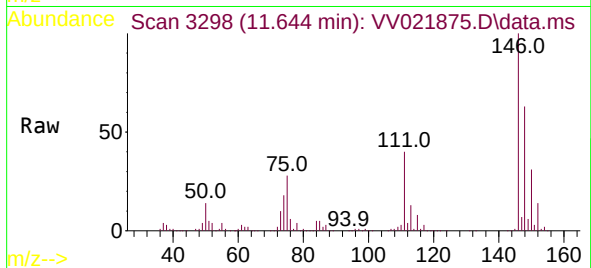




#67
1,2-Dichlorobenzene
Concen: 45.453 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. -0.000 min
Lab File: VV021875.D
Acq: 18 Aug 2021 19:28

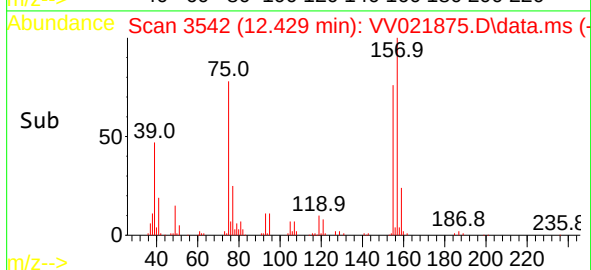
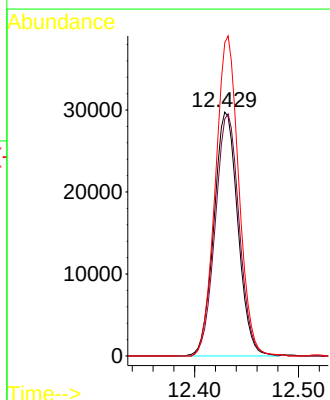
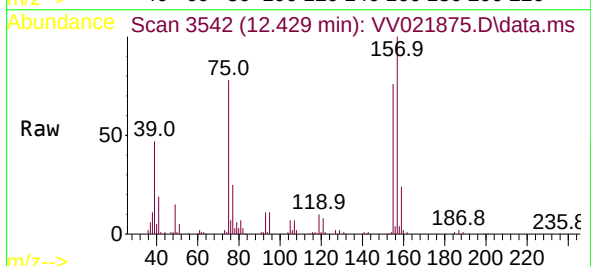
Instrument :
MSVOA_V
ClientSampleId :

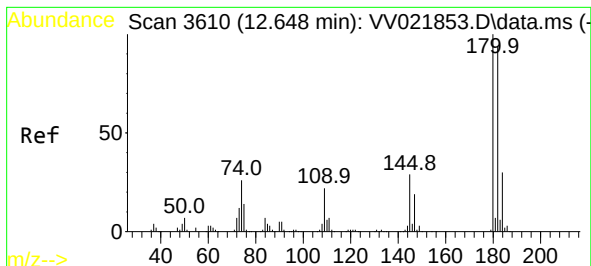
Tgt Ion:146 Resp: 319809
Ion Ratio Lower Upper
146 100
111 39.7 31.8 47.8
148 63.1 51.0 76.6



#68
1,2-Dibromo-3-chloropropane
Concen: 49.320 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VV021875.D
Acq: 18 Aug 2021 19:28

Tgt Ion: 75 Resp: 47606
Ion Ratio Lower Upper
75 100
155 97.1 77.8 116.8
157 128.4 99.4 149.0

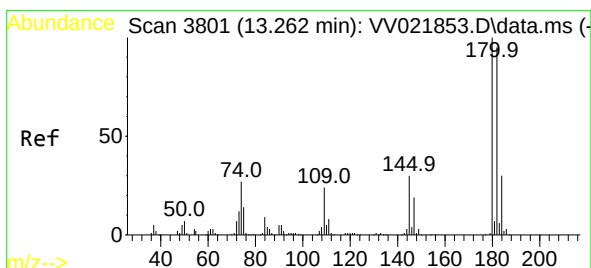
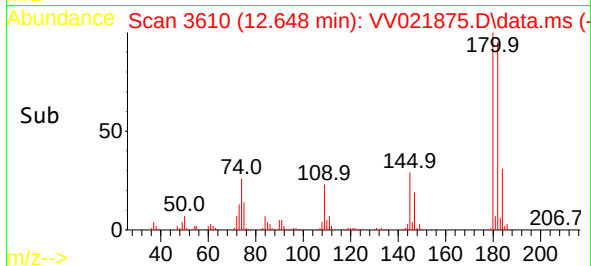
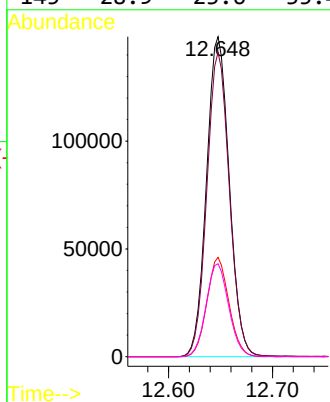
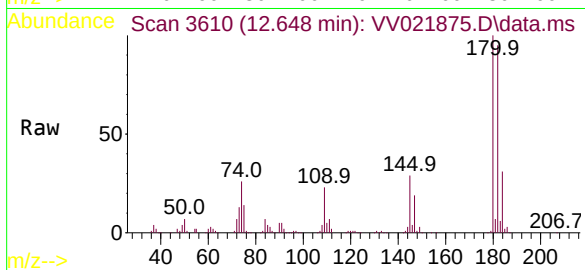




#69
1,3,5-Trichlorobenzene
Concen: 44.648 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. -0.000 min
Lab File: VV021875.D
Acq: 18 Aug 2021 19:28

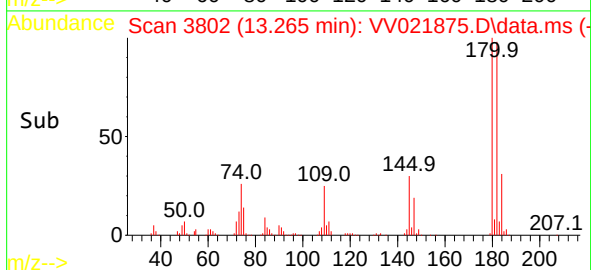
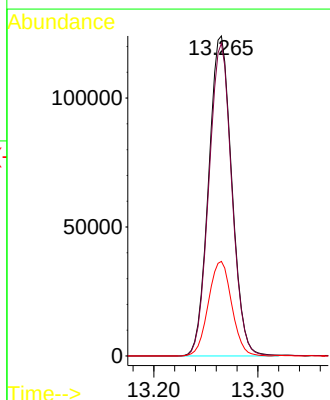
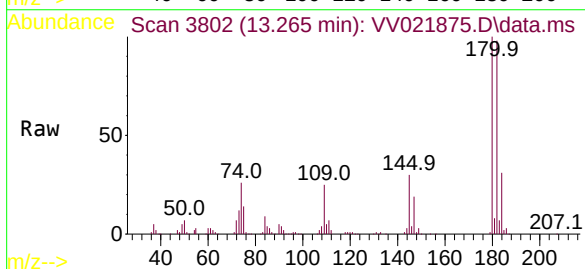
Instrument :
MSVOA_V
ClientSampleId :

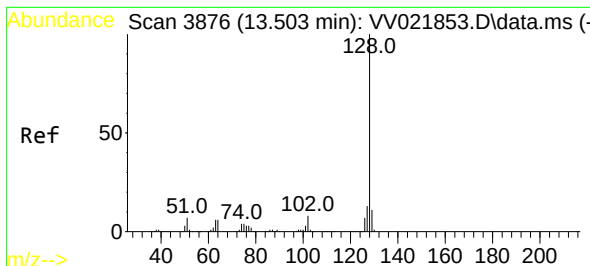
Tgt Ion:	180	Resp:	225733
Ion Ratio	Lower	Upper	
180	100		
182	94.0	76.8	115.2
184	30.1	24.1	36.1
145	28.9	23.6	35.4



#70
1,2,4-trichlorobenzene
Concen: 45.415 ug/L
RT: 13.265 min Scan# 3802
Delta R.T. 0.003 min
Lab File: VV021875.D
Acq: 18 Aug 2021 19:28

Tgt Ion:	180	Resp:	192568
Ion Ratio	Lower	Upper	
180	100		
182	96.2	75.8	113.6
145	29.7	23.9	35.9

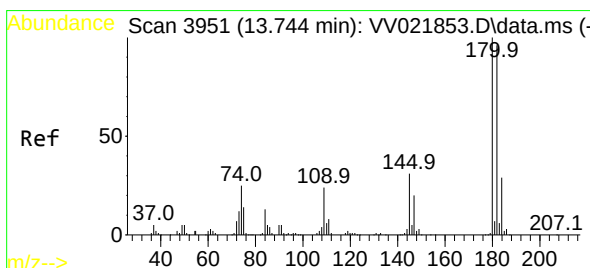
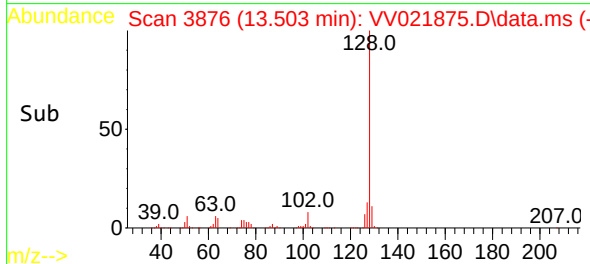
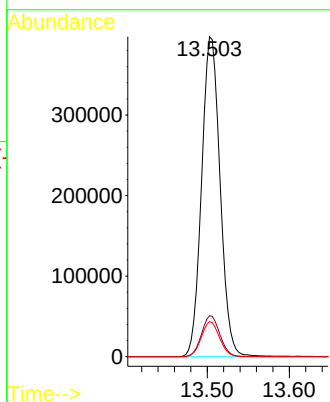
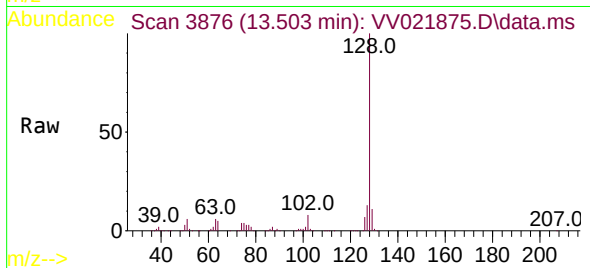




#71
Naphthalene
Concen: 50.465 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV021875.D
Acq: 18 Aug 2021 19:28

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 621572
Ion Ratio Lower Upper
128 100
127 12.7 10.0 15.0
129 10.7 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 46.509 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. 0.003 min
Lab File: VV021875.D
Acq: 18 Aug 2021 19:28

Tgt Ion:180 Resp: 198114
Ion Ratio Lower Upper
180 100
182 95.1 76.2 114.2
145 31.4 25.6 38.4

