

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW082721\
 Data File : VW021967.D
 Acq On : 27 Aug 2021 11:07
 Operator : SY/MD
 Sample : VSTD20049
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 28 02:07:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 28 02:05:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	393095	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	373210	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	212026	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	548820	180.126	ug/L	0.00
7) Chloroethane-d5	1.552	69	419488	180.964	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	887634	183.531	ug/L	0.00
21) 2-Butanone-d5	3.873	46	818535	410.310	ug/L	0.00
24) Chloroform-d	4.352	84	1032002	193.699	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	602150	195.287	ug/L	0.00
32) Benzene-d6	5.053	84	2085816	193.834	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	650762	194.546	ug/L	0.00
41) Toluene-d8	7.320	98	1978498	198.412	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	338721	206.623	ug/L	0.00
47) 2-Hexanone-d5	8.088	63	594612	514.911	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.220	84	903702	215.538	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.628	152	847310	192.204	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	533599	183.209	ug/L	100
3) Chloromethane	1.240	50	555646	182.862	ug/L	98
5) Vinyl chloride	1.310	62	560168	186.372	ug/L	100
6) Bromomethane	1.500	94	310168	172.785	ug/L	99
8) Chloroethane	1.571	64	346214	191.484	ug/L	99
9) Trichlorofluoromethane	1.744	101	811147	196.295	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	470348	197.812	ug/L	99
12) 1,1-Dichloroethene	2.114	96	436259	192.825	ug/L	94
13) Acetone	2.426	43	563294	368.827	ug/L	100
14) Carbon disulfide	2.291	76	1414016	191.156	ug/L	100
15) Methyl Acetate	2.426	43	615693	216.953	ug/L	99
16) Methylene chloride	2.503	84	583308	184.949	ug/L	99
17) trans-1,2-Dichloroethene	2.757	96	551244	207.741	ug/L	99
18) Methyl tert-butyl Ether	2.770	73	1742498	212.184	ug/L	100
19) 1,1-Dichloroethane	3.191	63	970443	205.780	ug/L	99
20) cis-1,2-Dichloroethene	3.915	96	615739	200.023	ug/L	100
22) 2-Butanone	3.957	43	882077	402.161	ug/L	94
23) Bromochloromethane	4.249	128	328599	200.928	ug/L	98
25) Chloroform	4.378	83	1003604	196.612	ug/L	100
27) 1,2-Dichloroethane	5.133	62	692977	193.569	ug/L	98
29) Cyclohexane	4.680	56	850706	193.025	ug/L	99
30) 1,1,1-Trichloroethane	4.612	97	895790	197.899	ug/L	99
31) Carbon tetrachloride	4.831	117	795783	203.389	ug/L	99
33) Benzene	5.101	78	2140474	192.368	ug/L	100
34) Trichloroethene	5.915	95	591425	184.553	ug/L	99
35) Methylcyclohexane	6.137	83	915937	197.630	ug/L	100
37) 1,2-Dichloropropane	6.178	63	558170	197.056	ug/L	100
38) Bromodichloromethane	6.513	83	758353	203.822	ug/L	100
39) cis-1,3-Dichloropropene	7.030	75	951346	211.482	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	1589032	405.369	ug/L	99
42) Toluene	7.391	91	2345216	196.925	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	887782	210.848	ug/L	98

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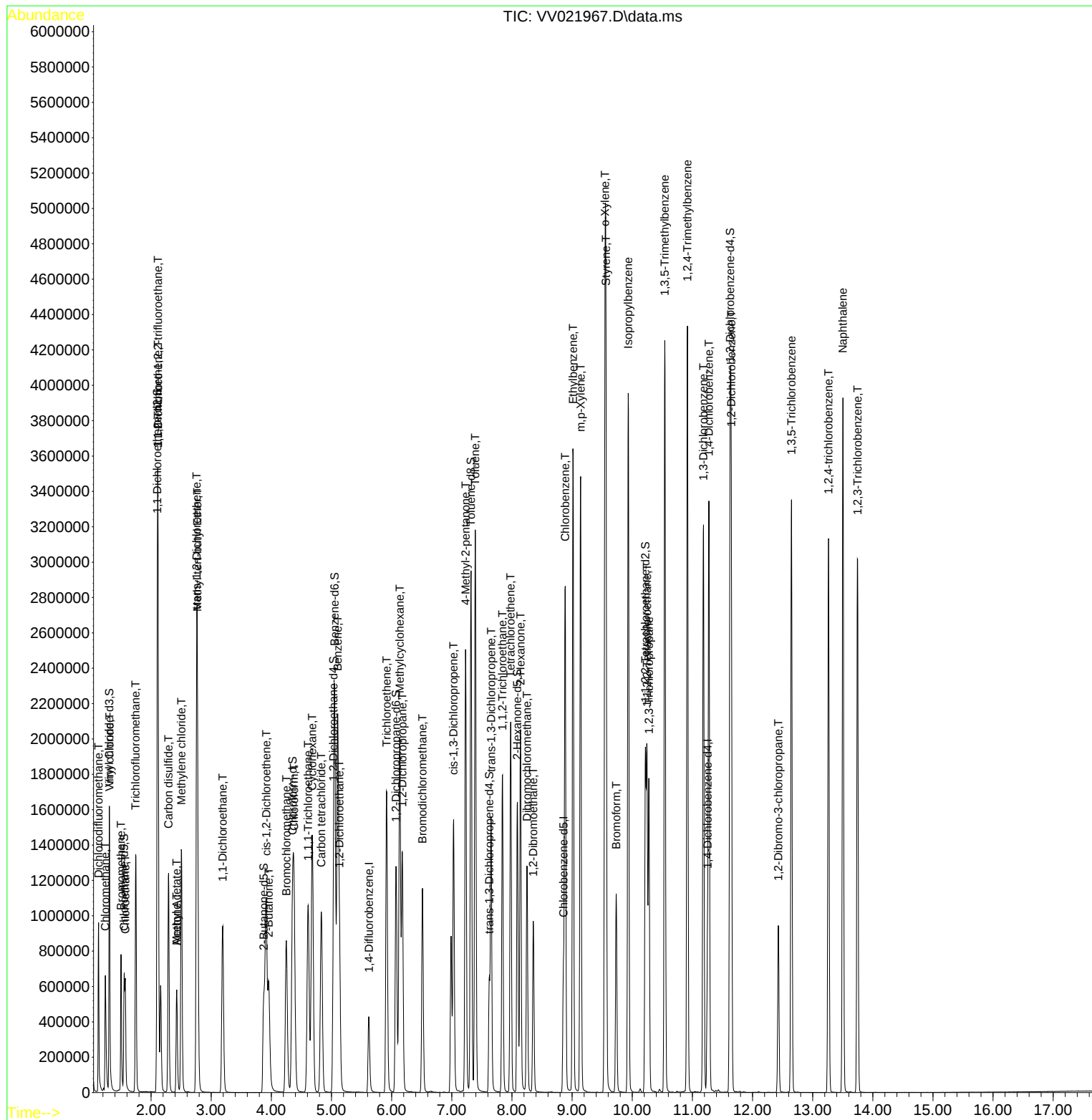
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.844	97	567588	199.654	ug/L	100
46) Tetrachloroethene	7.979	164	483475	202.742	ug/L	98
48) 2-Hexanone	8.143	43	1222258	403.431	ug/L	99
49) Dibromochloromethane	8.249	129	663405	213.117	ug/L	100
50) 1,2-Dibromoethane	8.355	107	621905	200.674	ug/L	98
51) Chlorobenzene	8.886	112	1570288	200.769	ug/L	99
52) Ethylbenzene	9.014	91	2573746	202.154	ug/L	99
53) m,p-Xylene	9.143	106	1010033	204.129	ug/L	99
54) o-Xylene	9.548	106	990769	202.815	ug/L	96
55) Styrene	9.564	104	1725293	209.900	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.246	83	906036	226.754	ug/L	99
59) Bromoform	9.734	173	512020	212.625	ug/L	100
60) Isopropylbenzene	9.934	105	2611144	189.437	ug/L	99
61) 1,2,3-Trichloropropane	10.278	75	704108	184.235	ug/L	99
62) 1,3,5-Trimethylbenzene	10.541	105	2284674	197.597	ug/L	99
63) 1,2,4-Trimethylbenzene	10.918	105	2329991	198.442	ug/L	100
64) 1,3-Dichlorobenzene	11.185	146	1341671	199.812	ug/L	100
65) 1,4-Dichlorobenzene	11.275	146	1351582	200.607	ug/L	99
67) 1,2-Dichlorobenzene	11.648	146	1318082	194.921	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	214307	230.740	ug/L	94
69) 1,3,5-Trichlorobenzene	12.648	180	1044144	213.387	ug/L	99
70) 1,2,4-trichlorobenzene	13.265	180	969957	234.680	ug/L	100
71) Naphthalene	13.503	128	3039637	253.016	ug/L	100
72) 1,2,3-Trichlorobenzene	13.747	180	936446	225.998	ug/L	100

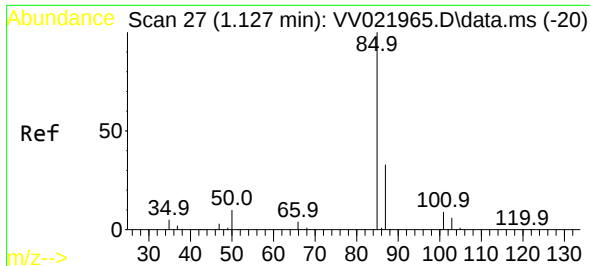
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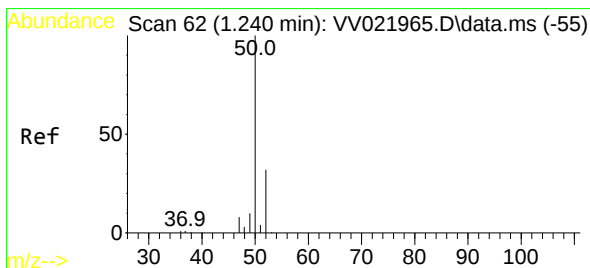
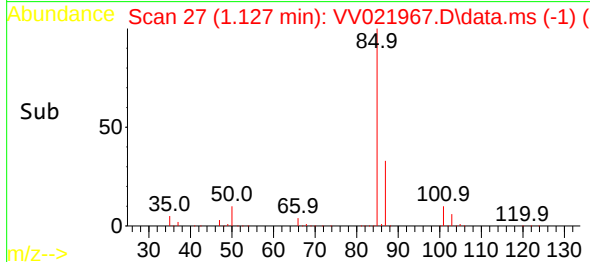
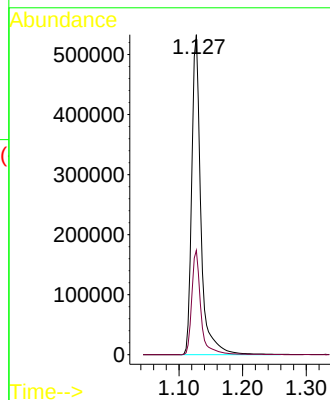
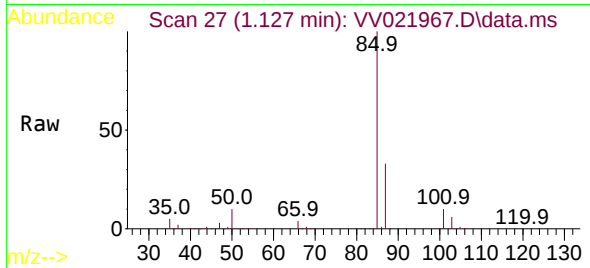




#2
 Dichlorodifluoromethane
 Concen: 183.209 ug/L
 RT: 1.127 min Scan# 27
 Delta R.T. -0.000 min
 Lab File: VV021967.D
 Acq: 27 Aug 2021 11:07

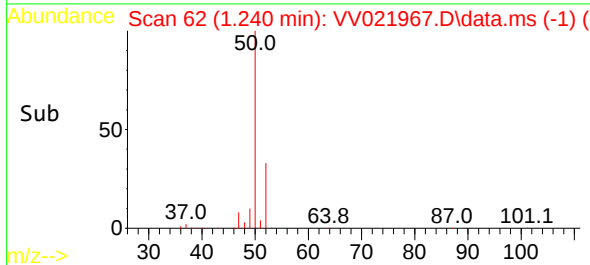
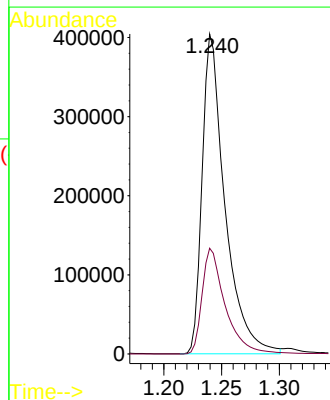
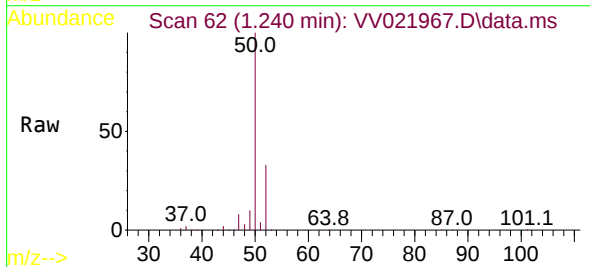
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 ClientSampled :

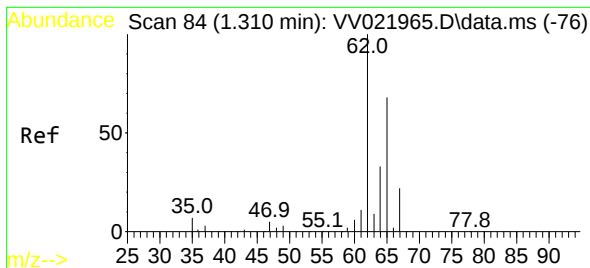
Tgt Ion: 85 Resp: 533599
 Ion Ratio Lower Upper
 85 100
 87 32.4 26.0 39.0



#3
 Chloromethane
 Concen: 182.862 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV021967.D
 Acq: 27 Aug 2021 11:07

Tgt Ion: 50 Resp: 555646
 Ion Ratio Lower Upper
 50 100
 52 33.1 22.5 41.9

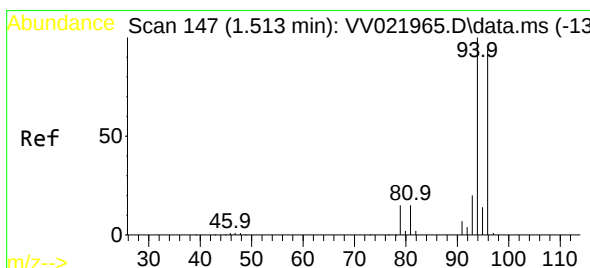
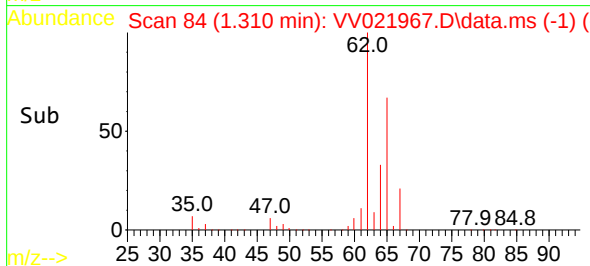
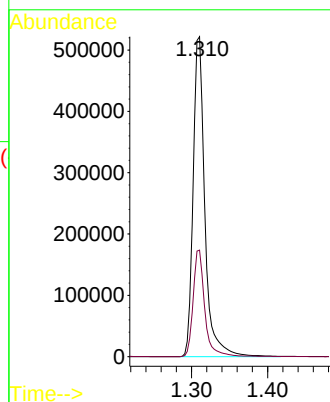
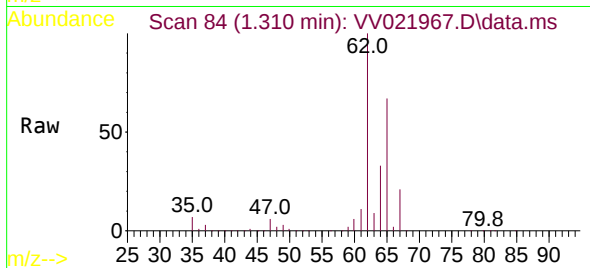




#5
 Vinyl chloride
 Concen: 186.372 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV021967.D
 Acq: 27 Aug 2021 11:07

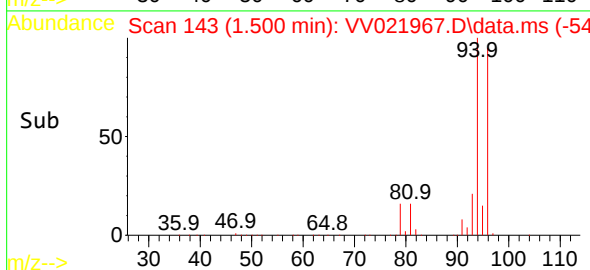
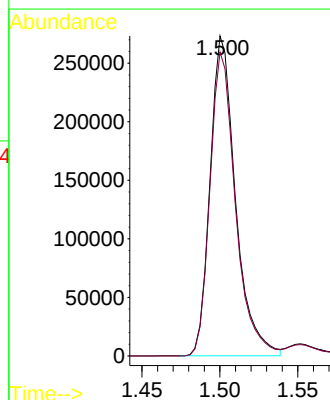
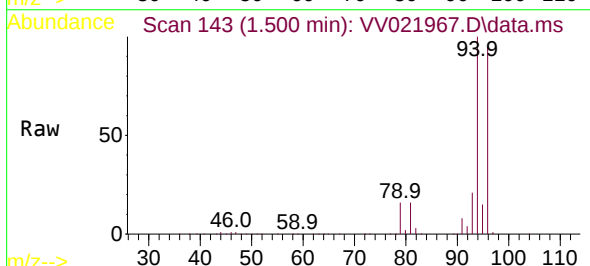
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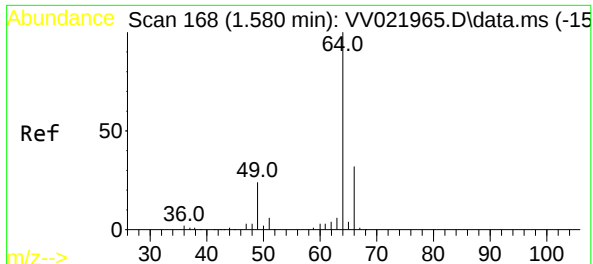
Tgt Ion: 62 Resp: 560168
 Ion Ratio Lower Upper
 62 100
 64 33.3 23.4 43.6



#6
 Bromomethane
 Concen: 172.785 ug/L
 RT: 1.500 min Scan# 143
 Delta R.T. -0.013 min
 Lab File: VV021967.D
 Acq: 27 Aug 2021 11:07

Tgt Ion: 94 Resp: 310168
 Ion Ratio Lower Upper
 94 100
 96 95.0 65.8 122.2

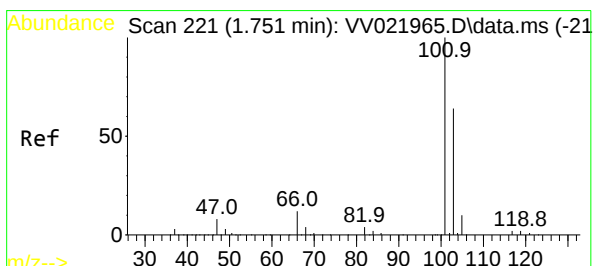
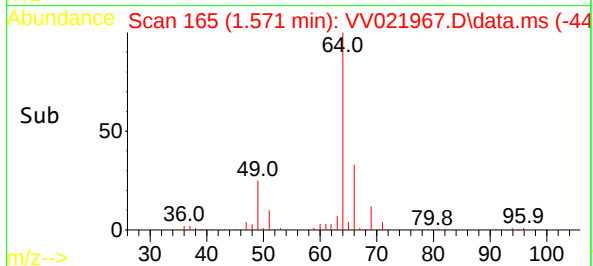
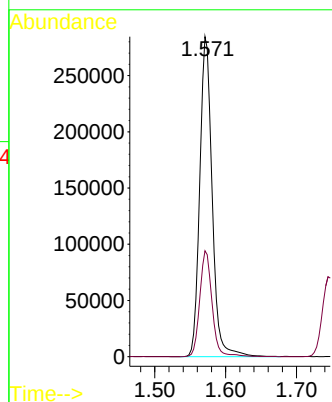
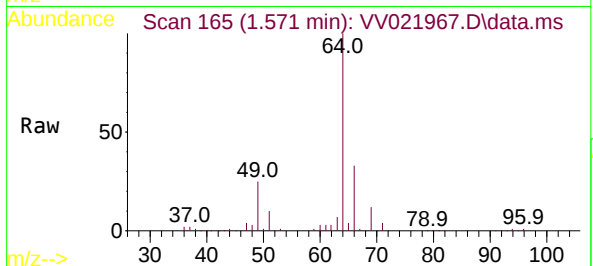




#8
Chloroethane
Concen: 191.484 ug/L
RT: 1.571 min Scan# 165
Delta R.T. -0.010 min
Lab File: VV021967.D
Acq: 27 Aug 2021 11:07

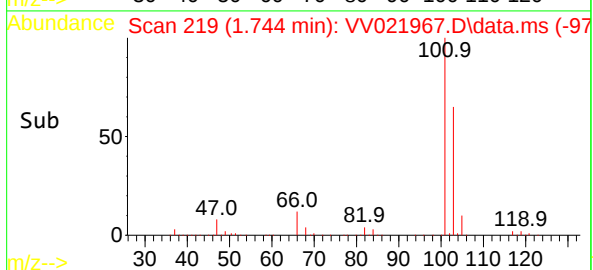
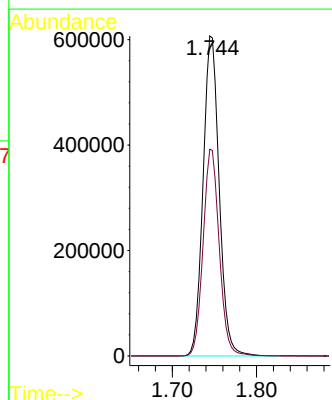
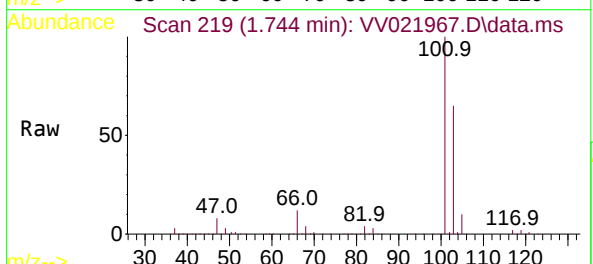
Instrument :
MSVOA_V
ClientSampled :

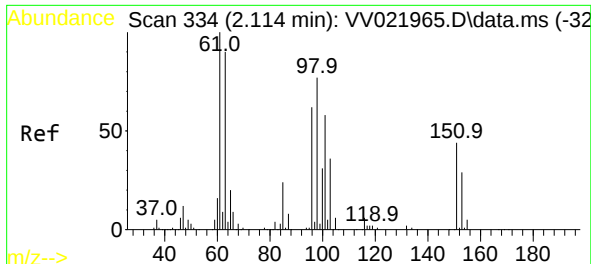
Tgt Ion: 64 Resp: 346214
Ion Ratio Lower Upper
64 100
66 33.1 22.7 42.3



#9
Trichlorofluoromethane
Concen: 196.295 ug/L
RT: 1.744 min Scan# 219
Delta R.T. -0.006 min
Lab File: VV021967.D
Acq: 27 Aug 2021 11:07

Tgt Ion:101 Resp: 811147
Ion Ratio Lower Upper
101 100
103 64.5 51.4 77.0

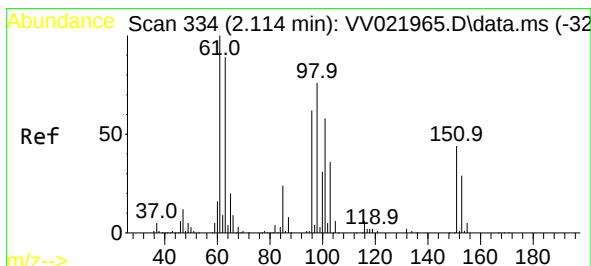
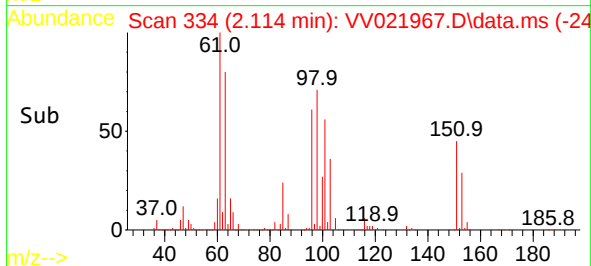
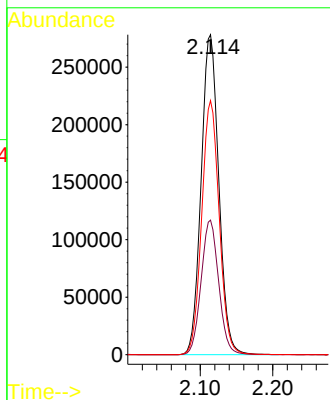
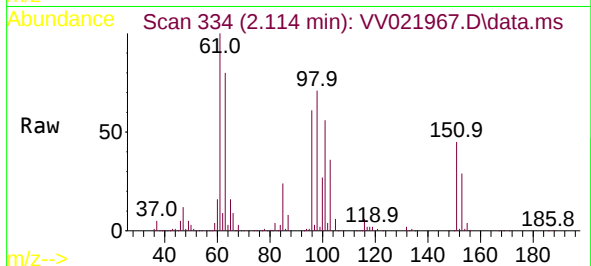




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 197.812 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV021967.D
Acq: 27 Aug 2021 11:07

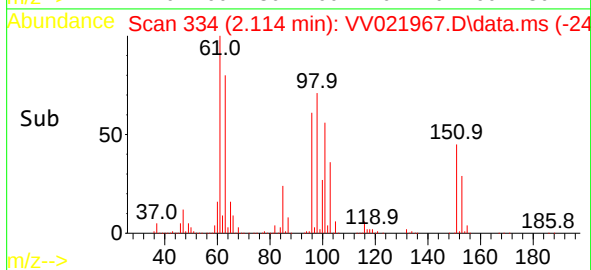
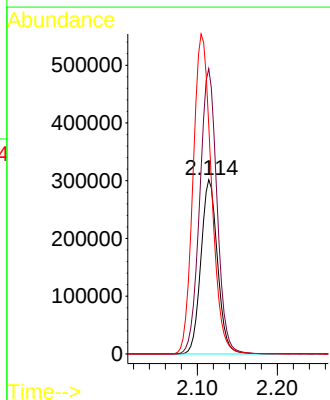
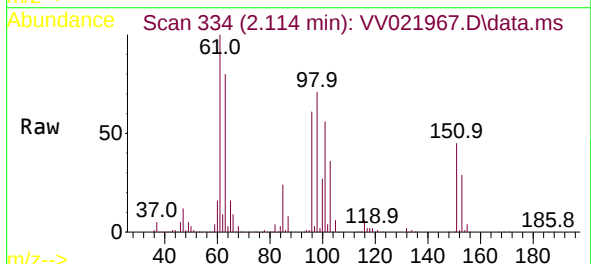
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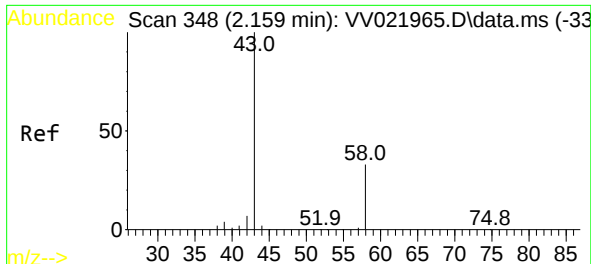
Tgt Ion:101 Resp: 470348
Ion Ratio Lower Upper
101 100
85 41.9 33.4 50.0
151 78.8 61.7 92.5



#12
1,1-Dichloroethene
Concen: 192.825 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.000 min
Lab File: VV021967.D
Acq: 27 Aug 2021 11:07

Tgt Ion: 96 Resp: 436259
Ion Ratio Lower Upper
96 100
61 163.7 113.2 210.2
63 131.2 102.3 189.9

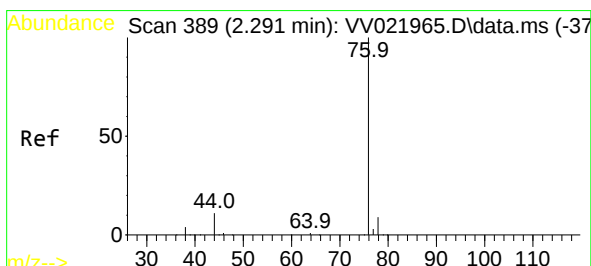
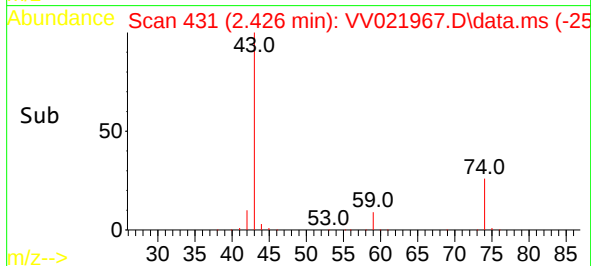
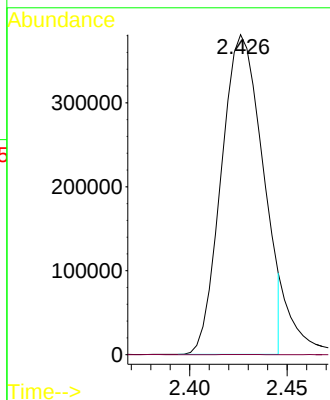
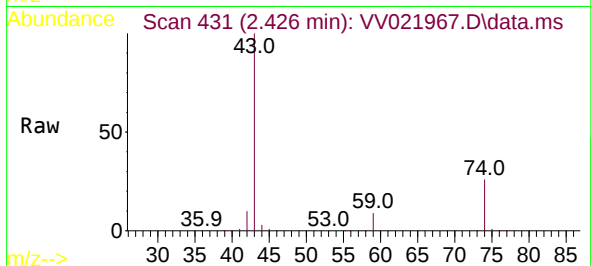




#13
Acetone
Concen: 368.827 ug/L
RT: 2.426 min Scan# 431
Delta R.T. 0.267 min
Lab File: VV021967.D
Acq: 27 Aug 2021 11:07

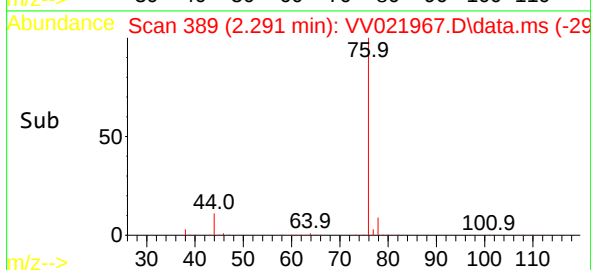
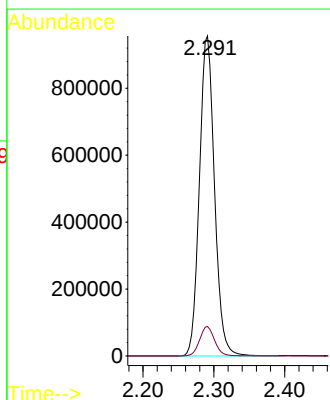
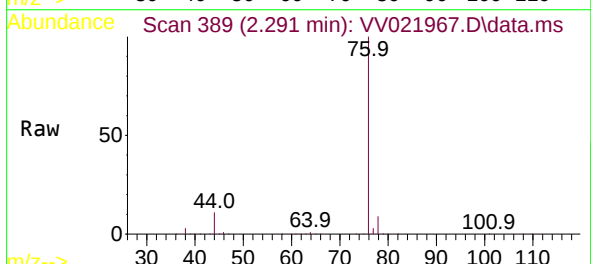
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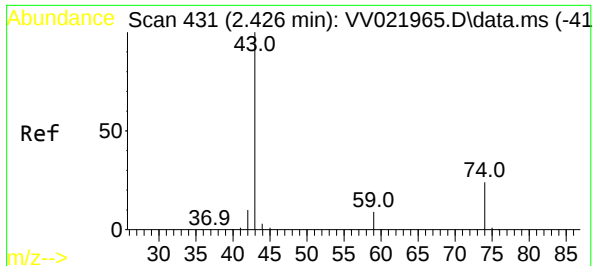
Tgt Ion: 43 Resp: 563294
Ion Ratio Lower Upper
43 100
58 0.0 0.0 0.4



#14
Carbon disulfide
Concen: 191.156 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.000 min
Lab File: VV021967.D
Acq: 27 Aug 2021 11:07

Tgt Ion: 76 Resp: 1414016
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2

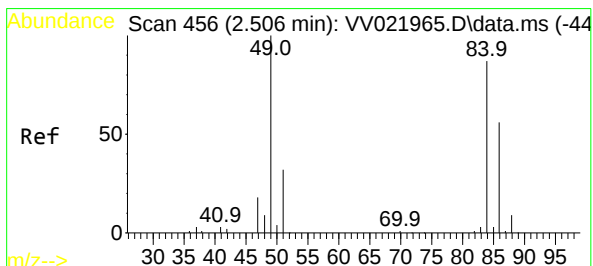
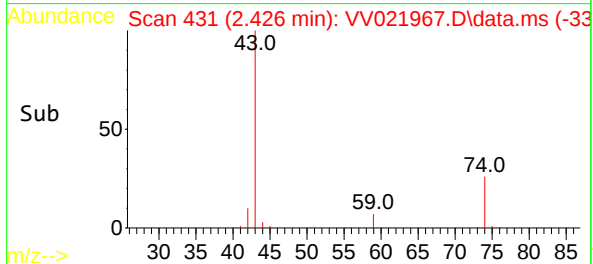
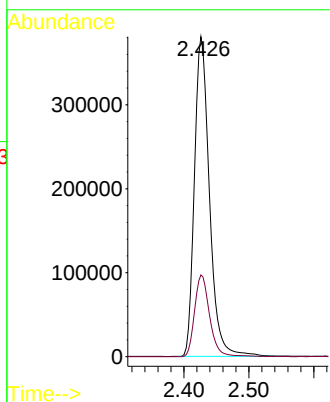
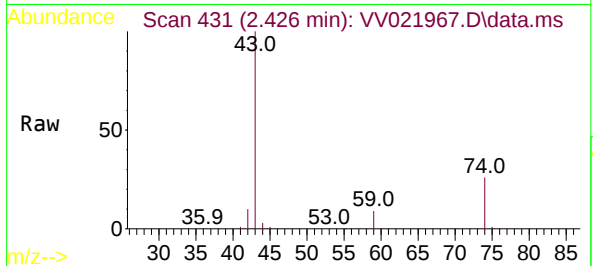




#15
Methyl Acetate
Concen: 216.953 ug/L
RT: 2.426 min Scan# 431
Delta R.T. -0.000 min
Lab File: VV021967.D
Acq: 27 Aug 2021 11:07

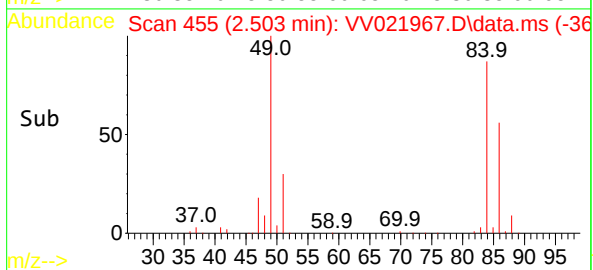
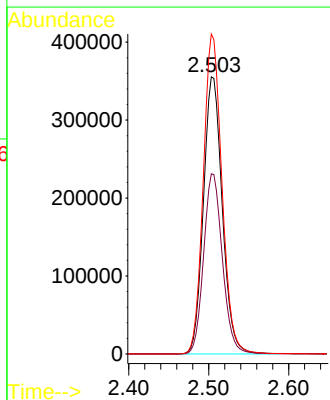
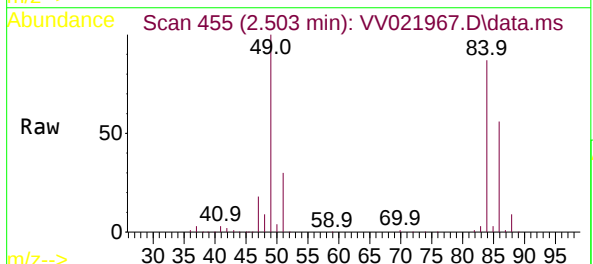
Instrument :
MSVOA_V
ClientSampled :

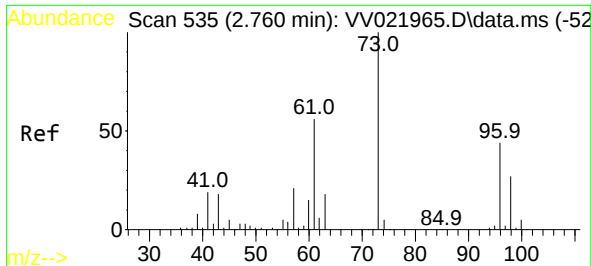
Tgt Ion: 43 Resp: 615693
Ion Ratio Lower Upper
43 100
74 25.6 20.2 30.2



#16
Methylene chloride
Concen: 184.949 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.003 min
Lab File: VV021967.D
Acq: 27 Aug 2021 11:07

Tgt Ion: 84 Resp: 583308
Ion Ratio Lower Upper
84 100
86 65.0 44.8 83.2
49 115.4 80.2 149.0

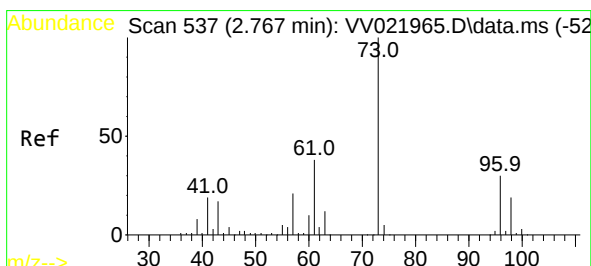
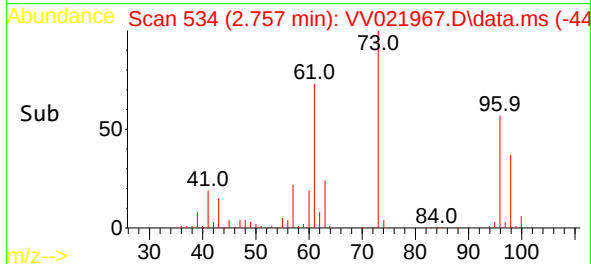
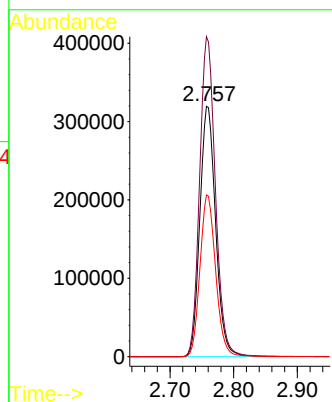
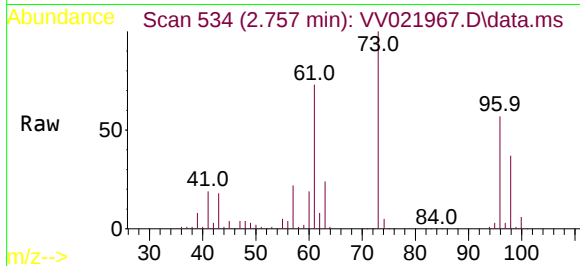




#17
trans-1,2-Dichloroethene
Concen: 207.741 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.003 min
Lab File: VV021967.D
Acq: 27 Aug 2021 11:07

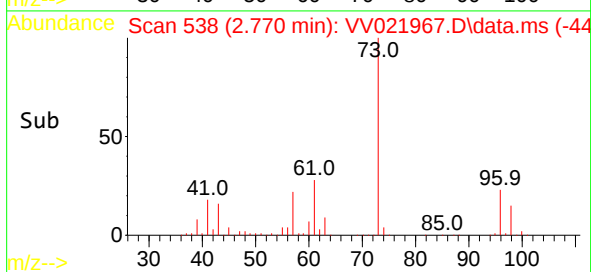
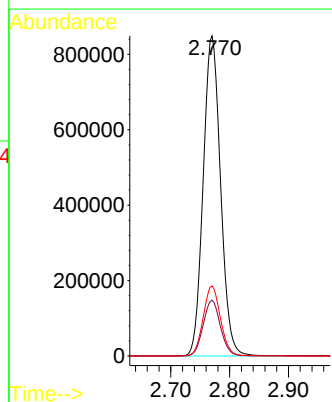
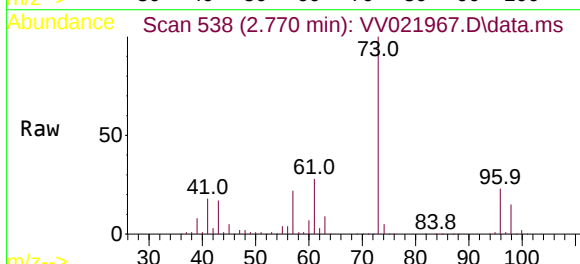
Instrument :
MSVOA_V
ClientSampleId :

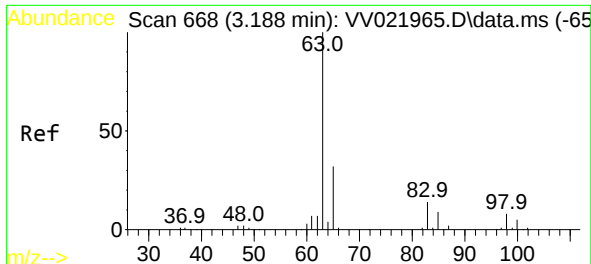
Tgt Ion: 96 Resp: 551244
Ion Ratio Lower Upper
96 100
61 127.8 89.1 165.5
98 64.6 43.8 81.3



#18
Methyl tert-butyl Ether
Concen: 212.184 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV021967.D
Acq: 27 Aug 2021 11:07

Tgt Ion: 73 Resp: 1742498
Ion Ratio Lower Upper
73 100
43 17.2 13.8 20.6
57 21.7 17.1 25.7



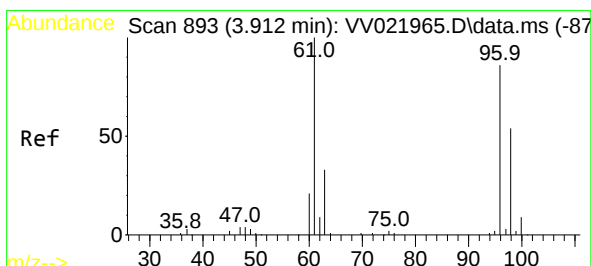
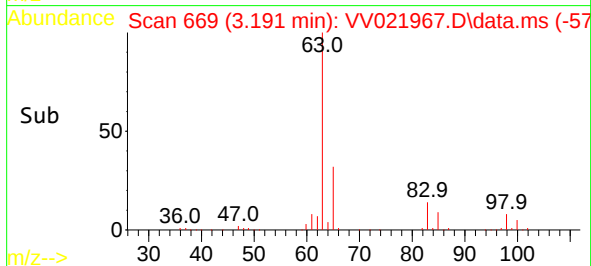
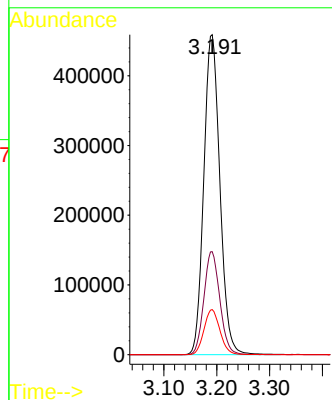
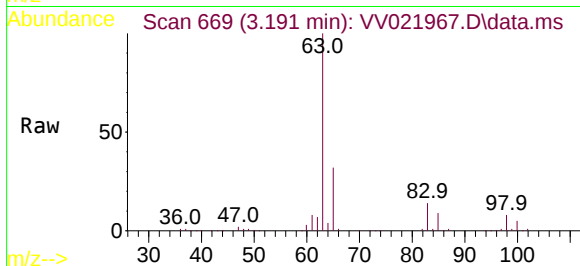


#19

1,1-Dichloroethane
Concen: 205.780 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.003 min
Lab File: VV021967.D
Acq: 27 Aug 2021 11:07

Instrument :
MSVOA_V
ClientSampleId :

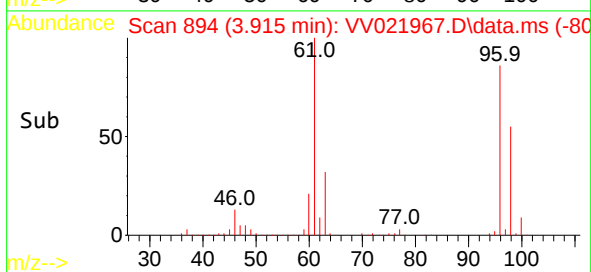
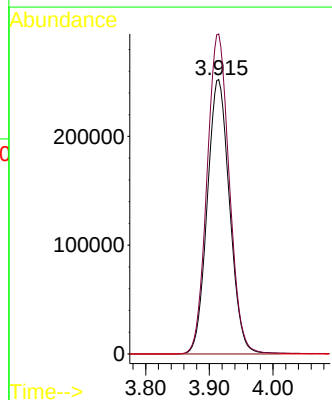
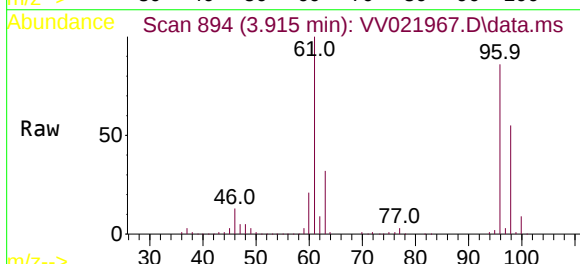
Tgt Ion: 63 Resp: 970443
Ion Ratio Lower Upper
63 100
65 32.2 22.2 41.2
83 14.1 9.7 17.9

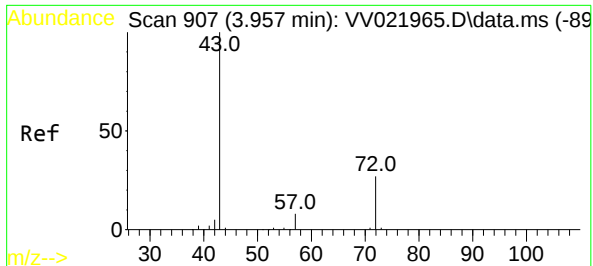


#20

cis-1,2-Dichloroethene
Concen: 200.023 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.003 min
Lab File: VV021967.D
Acq: 27 Aug 2021 11:07

Tgt Ion: 96 Resp: 615739
Ion Ratio Lower Upper
96 100
61 116.6 81.8 152.0
68 0.0 0.0 0.0

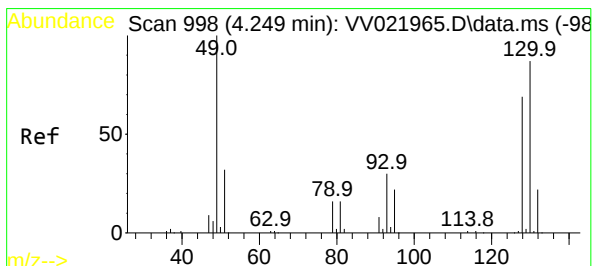
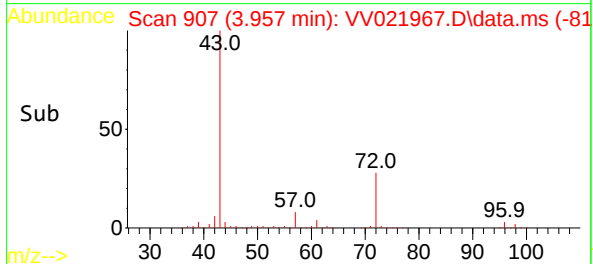
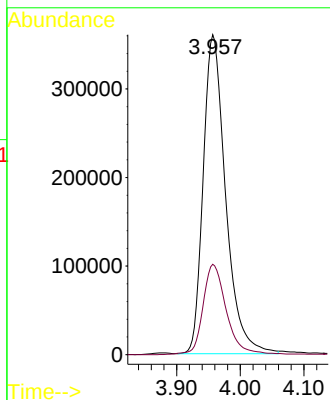
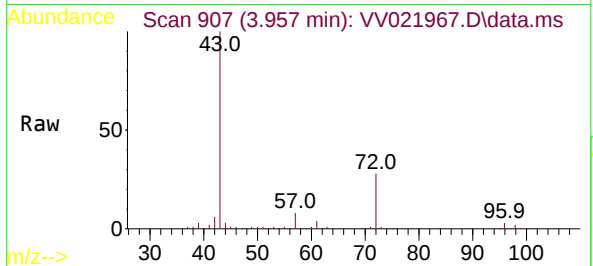




#22
2-Butanone
Concen: 402.161 ug/L
RT: 3.957 min Scan# 907
Delta R.T. -0.000 min
Lab File: VV021967.D
Acq: 27 Aug 2021 11:07

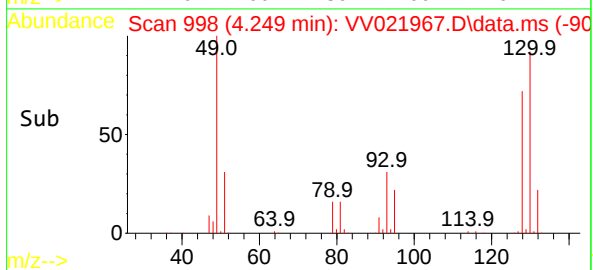
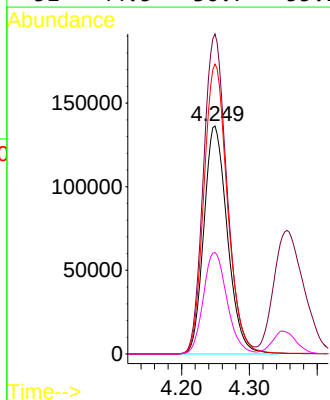
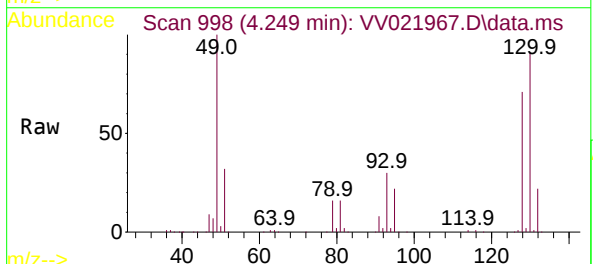
Instrument :
MSVOA_V
ClientSampleId :

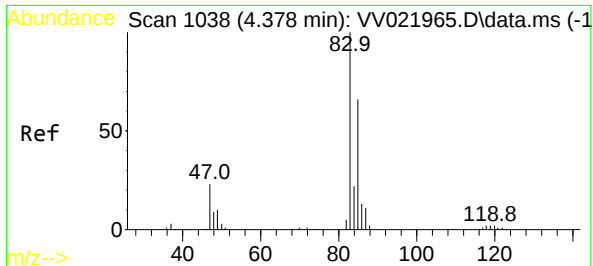
Tgt Ion: 43 Resp: 882077
Ion Ratio Lower Upper
43 100
72 29.6 13.3 39.8



#23
Bromochloromethane
Concen: 200.928 ug/L
RT: 4.249 min Scan# 998
Delta R.T. 0.000 min
Lab File: VV021967.D
Acq: 27 Aug 2021 11:07

Tgt Ion: 128 Resp: 328599
Ion Ratio Lower Upper
128 100
49 140.3 101.6 188.8
130 127.1 88.5 164.3
51 44.5 36.7 55.1



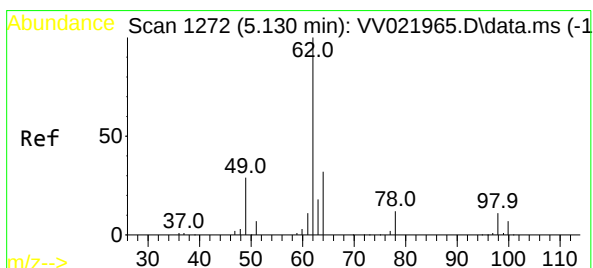
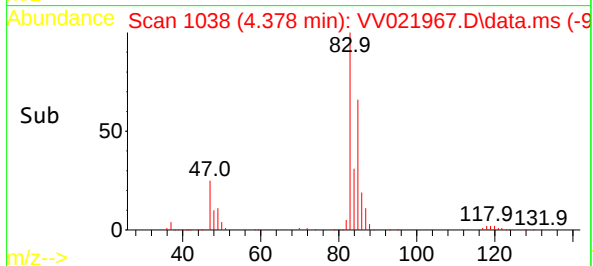
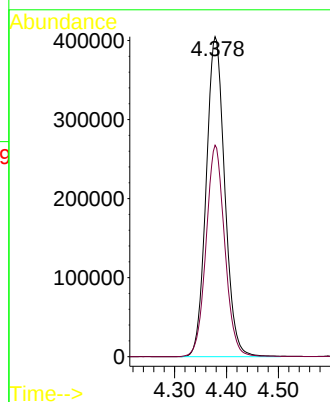
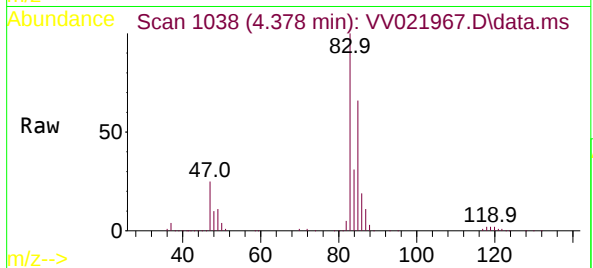


#25

Chloroform
Concen: 196.612 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VV021967.D
Acq: 27 Aug 2021 11:07

Instrument :
MSVOA_V
ClientSampled :

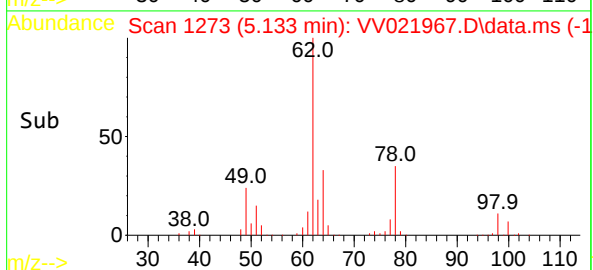
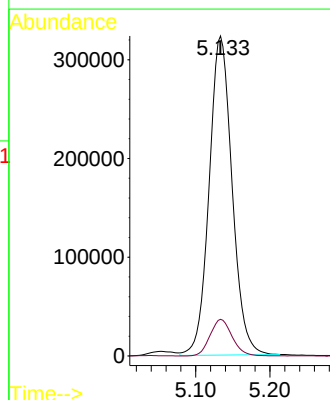
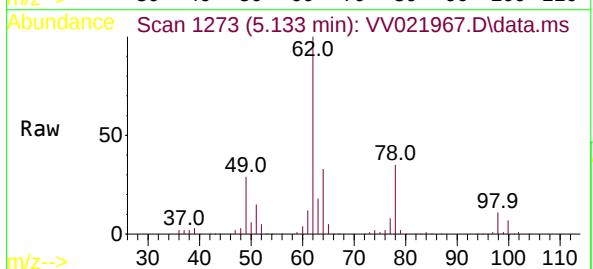
Tgt Ion: 83 Resp: 1003604
Ion Ratio Lower Upper
83 100
85 66.1 46.3 85.9

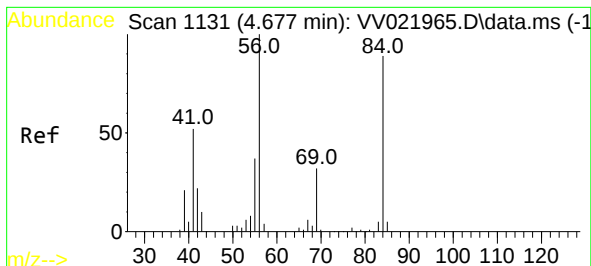


#27

1,2-Dichloroethane
Concen: 193.569 ug/L
RT: 5.133 min Scan# 1273
Delta R.T. 0.003 min
Lab File: VV021967.D
Acq: 27 Aug 2021 11:07

Tgt Ion: 62 Resp: 692977
Ion Ratio Lower Upper
62 100
98 11.5 8.5 12.7

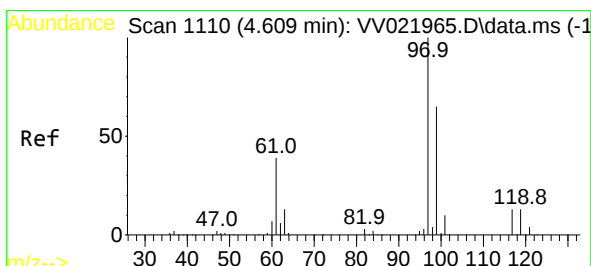
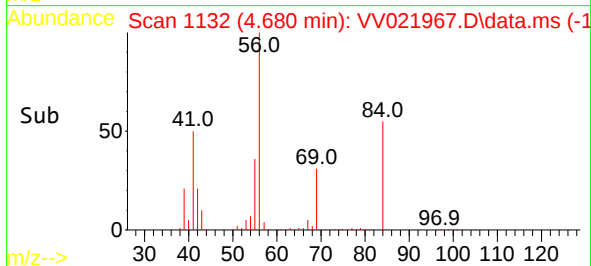
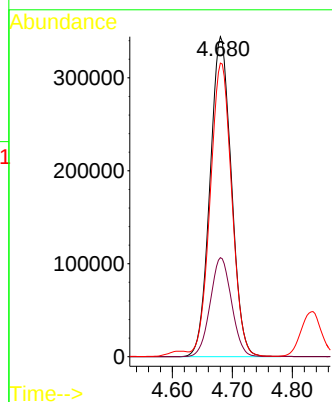
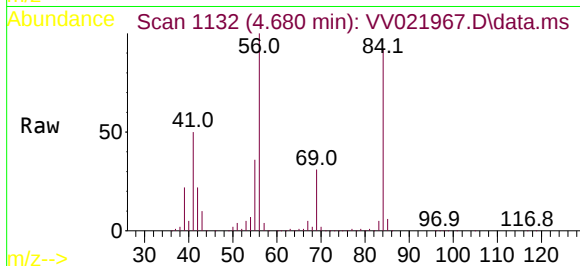




#29
Cyclohexane
Concen: 193.025 ug/L
RT: 4.680 min Scan# 1132
Delta R.T. 0.003 min
Lab File: VV021967.D
Acq: 27 Aug 2021 11:07

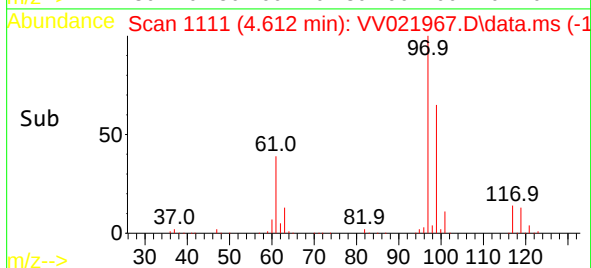
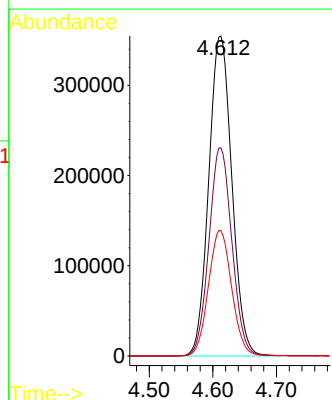
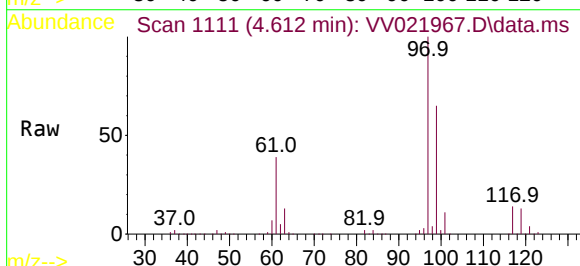
Instrument :
MSVOA_V
ClientSampleId :

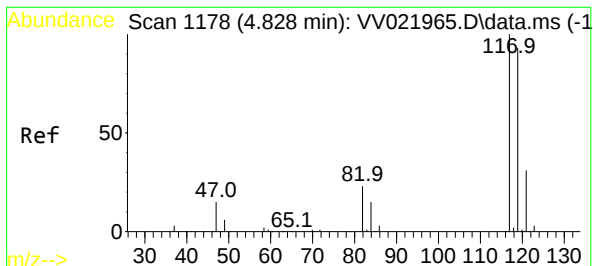
Tgt Ion: 56 Resp: 850706
Ion Ratio Lower Upper
56 100
69 30.9 25.2 37.8
84 92.5 74.6 111.8



#30
1,1,1-Trichloroethane
Concen: 197.899 ug/L
RT: 4.612 min Scan# 1111
Delta R.T. 0.003 min
Lab File: VV021967.D
Acq: 27 Aug 2021 11:07

Tgt Ion: 97 Resp: 895790
Ion Ratio Lower Upper
97 100
99 64.7 52.0 78.0
61 39.4 31.8 47.8

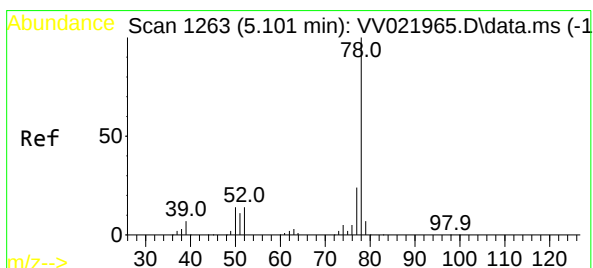
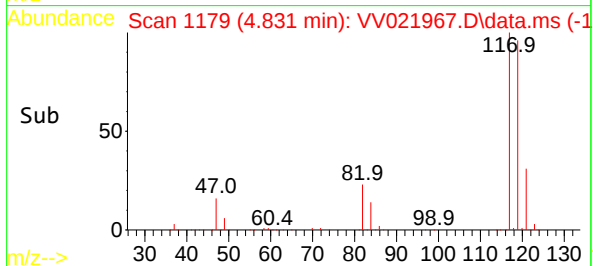
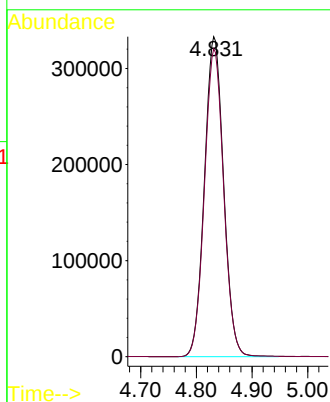
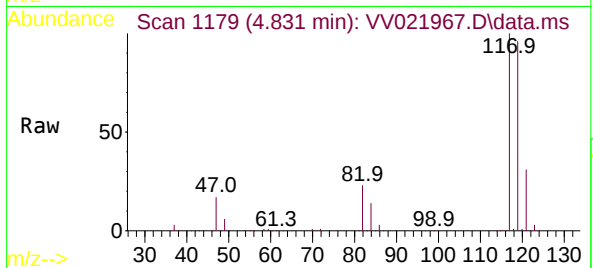




#31
Carbon tetrachloride
Concen: 203.389 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.003 min
Lab File: VV021967.D
Acq: 27 Aug 2021 11:07

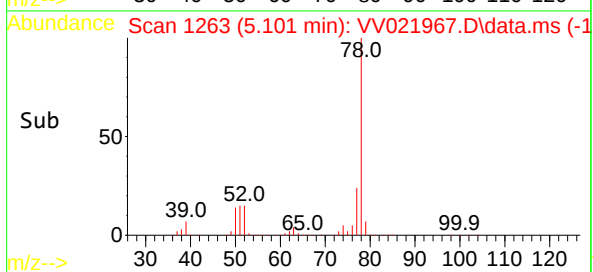
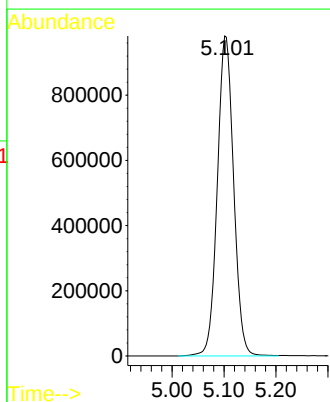
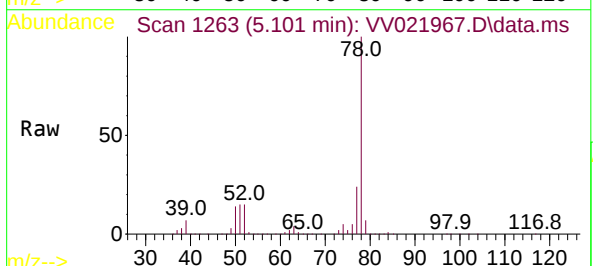
Instrument :
MSVOA_V
ClientSampled :

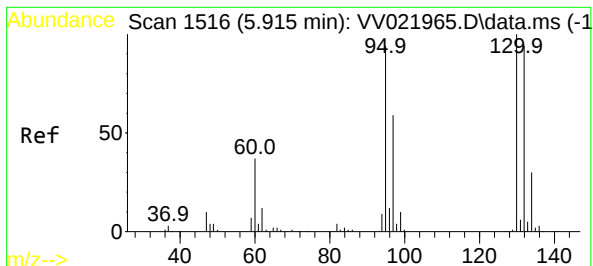
Tgt Ion:117 Resp: 795783
Ion Ratio Lower Upper
117 100
119 96.3 76.6 114.8



#33
Benzene
Concen: 192.368 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VV021967.D
Acq: 27 Aug 2021 11:07

Tgt Ion: 78 Resp: 2140474

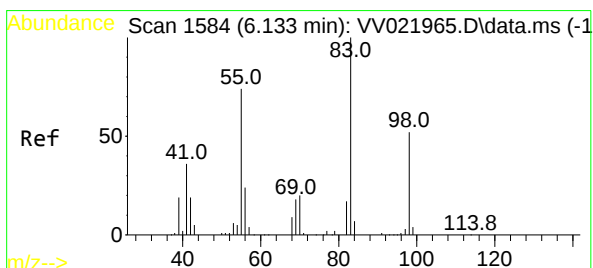
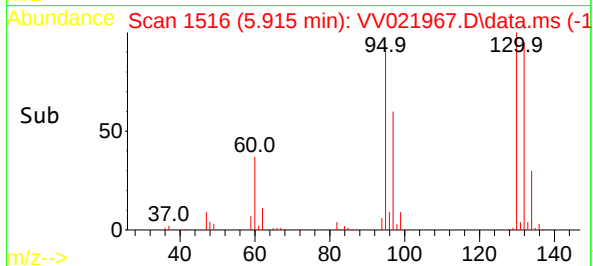
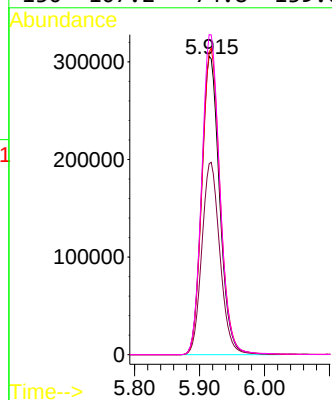
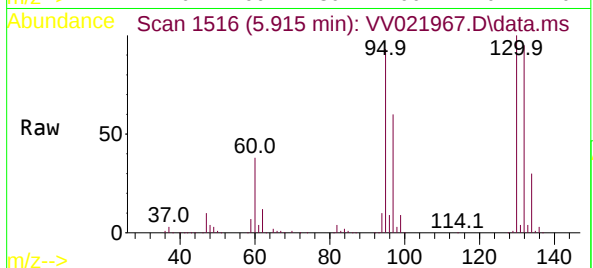




#34
Trichloroethene
Concen: 184.553 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VV021967.D
Acq: 27 Aug 2021 11:07

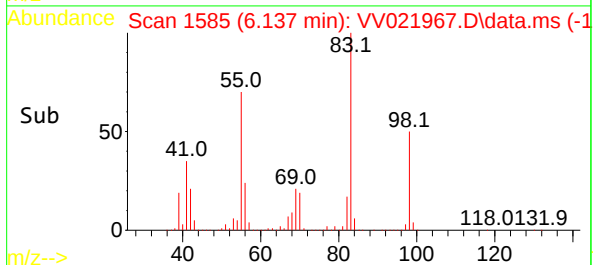
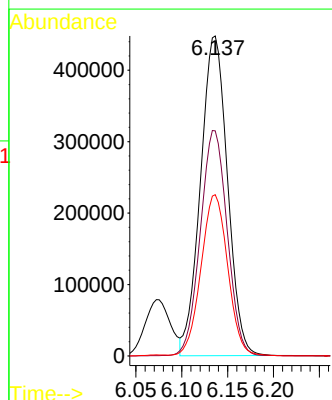
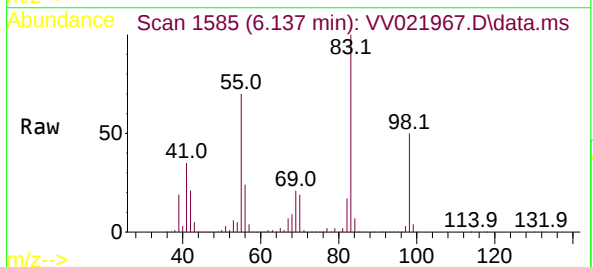
Instrument :
MSVOA_V
ClientSampleId :

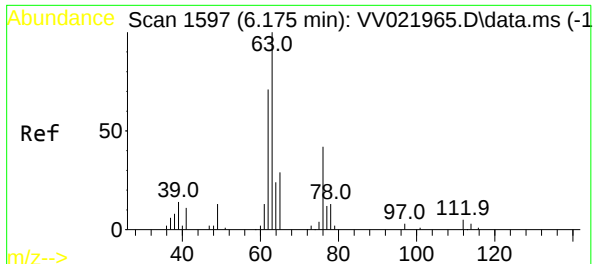
Tgt Ion: 95 Resp: 591425
Ion Ratio Lower Upper
95 100
97 64.0 44.1 81.9
132 101.4 70.7 131.3
130 107.2 74.8 139.0



#35
Methylcyclohexane
Concen: 197.630 ug/L
RT: 6.137 min Scan# 1585
Delta R.T. 0.003 min
Lab File: VV021967.D
Acq: 27 Aug 2021 11:07

Tgt Ion: 83 Resp: 915937
Ion Ratio Lower Upper
83 100
55 70.5 56.8 85.2
98 50.2 39.9 59.9

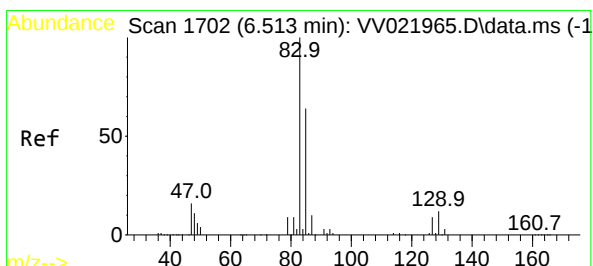
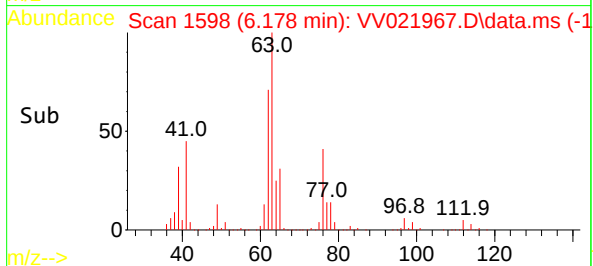
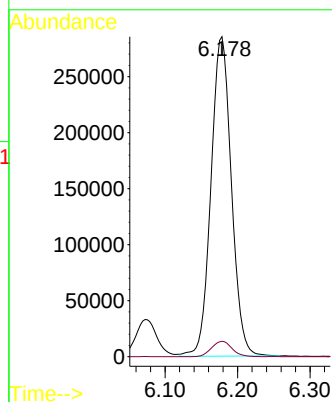
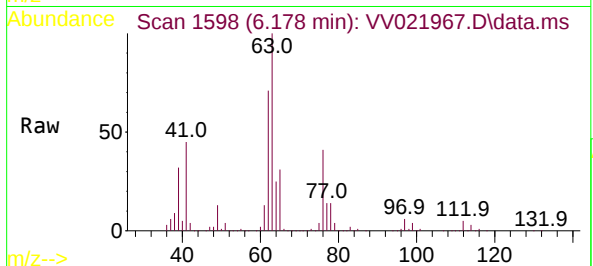




#37
1,2-Dichloropropane
Concen: 197.056 ug/L
RT: 6.178 min Scan# 1598
Delta R.T. 0.003 min
Lab File: VV021967.D
Acq: 27 Aug 2021 11:07

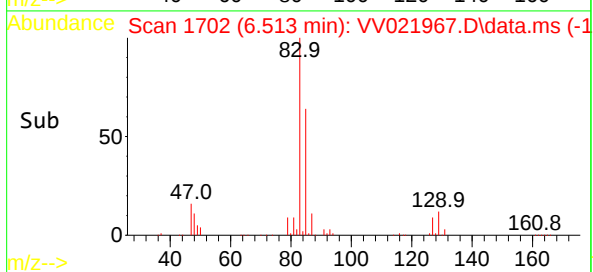
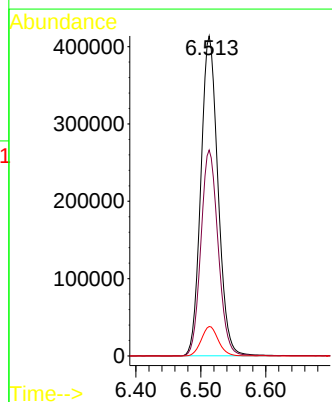
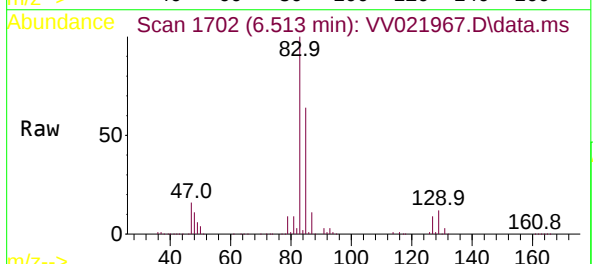
Instrument :
MSVOA_V
ClientSampled :

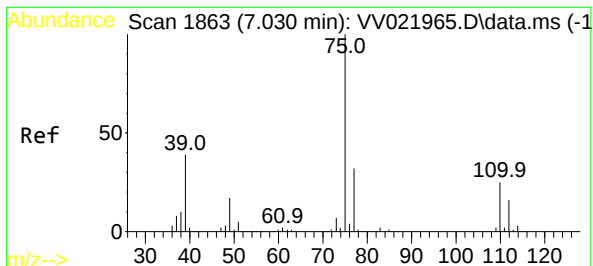
Tgt Ion: 63 Resp: 558170
Ion Ratio Lower Upper
63 100
112 4.9 3.8 5.6



#38
Bromodichloromethane
Concen: 203.822 ug/L
RT: 6.513 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VV021967.D
Acq: 27 Aug 2021 11:07

Tgt Ion: 83 Resp: 758353
Ion Ratio Lower Upper
83 100
85 64.4 44.8 83.2
127 9.2 7.3 10.9

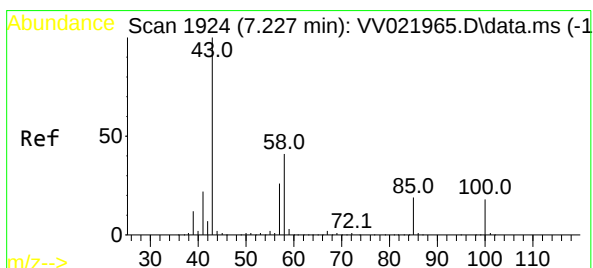
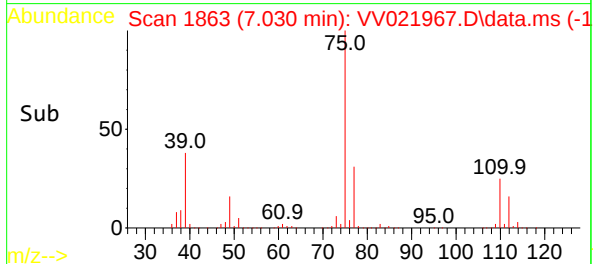
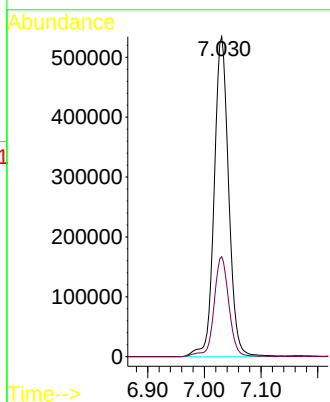
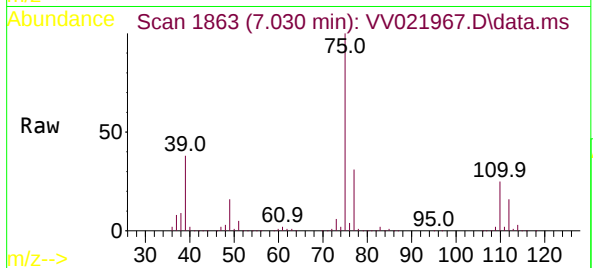




#39
 cis-1,3-Dichloropropene
 Concen: 211.482 ug/L
 RT: 7.030 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: VV021967.D
 Acq: 27 Aug 2021 11:07

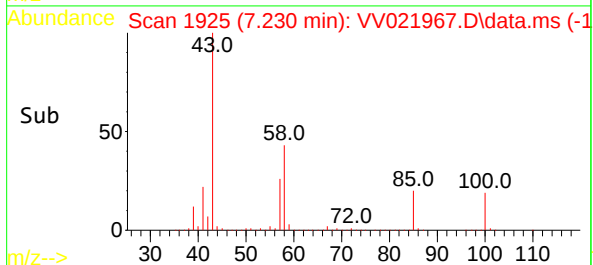
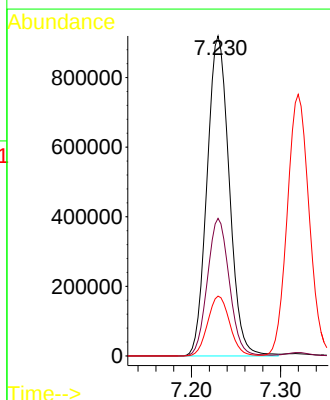
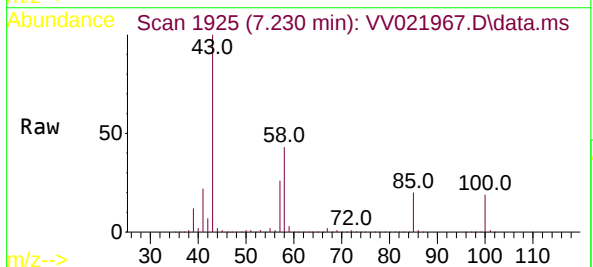
Instrument :
 MSVOA_V
 ClientSampled :

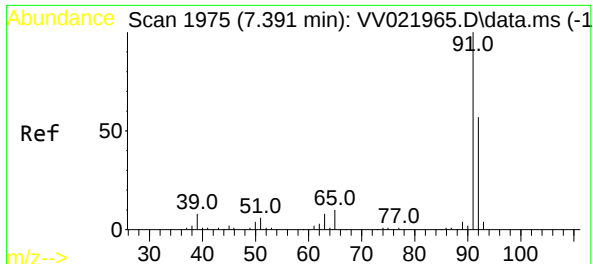
Tgt Ion: 75 Resp: 951346
 Ion Ratio Lower Upper
 75 100
 77 31.2 22.7 42.1



#40
 4-Methyl-2-pentanone
 Concen: 405.369 ug/L
 RT: 7.230 min Scan# 1925
 Delta R.T. 0.003 min
 Lab File: VV021967.D
 Acq: 27 Aug 2021 11:07

Tgt Ion: 43 Resp: 1589032
 Ion Ratio Lower Upper
 43 100
 58 42.5 33.3 49.9
 100 18.5 14.5 21.7





#42

Toluene

Concen: 196.925 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. 0.000 min

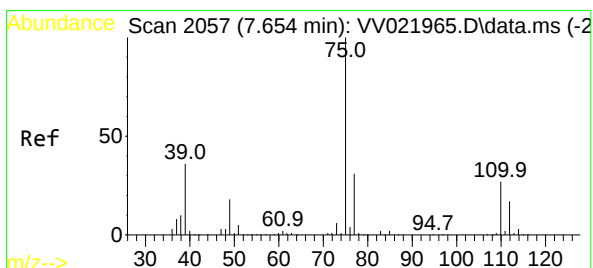
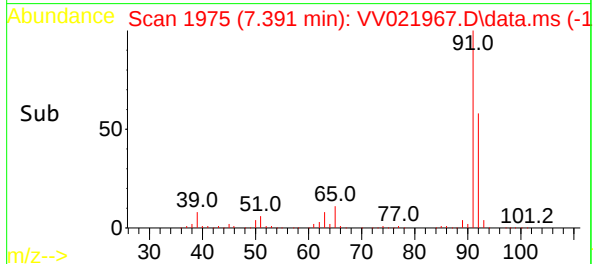
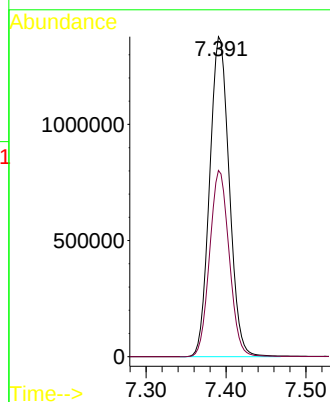
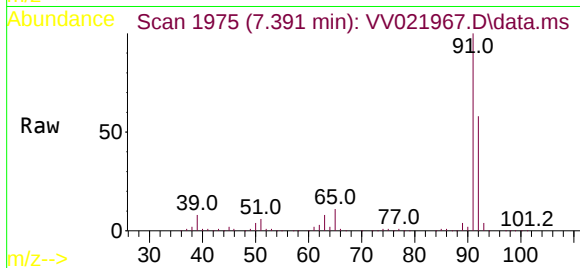
Lab File: VV021967.D

Acq: 27 Aug 2021 11:07

Tgt Ion: 91 Resp: 2345216

Ion	Ratio	Lower	Upper
91	100		
92	58.2	40.3	74.8

Instrument :
MSVOA_V
ClientSampled :



#44

trans-1,3-Dichloropropene

Concen: 210.848 ug/L

RT: 7.654 min Scan# 2057

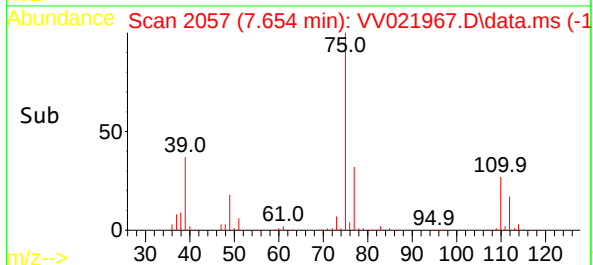
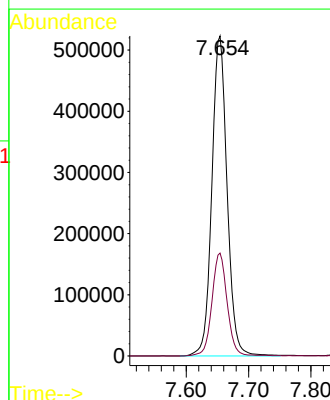
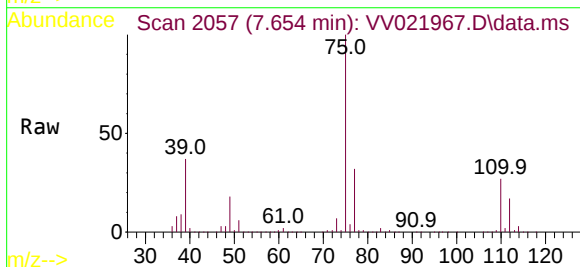
Delta R.T. -0.000 min

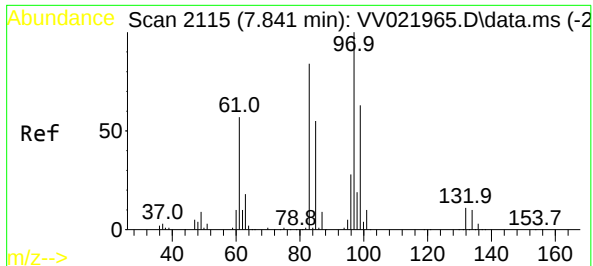
Lab File: VV021967.D

Acq: 27 Aug 2021 11:07

Tgt Ion: 75 Resp: 887782

Ion	Ratio	Lower	Upper
75	100		
77	32.1	21.8	40.6





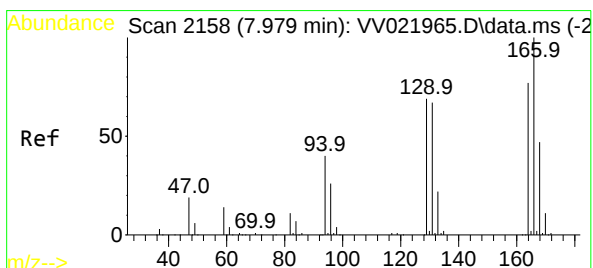
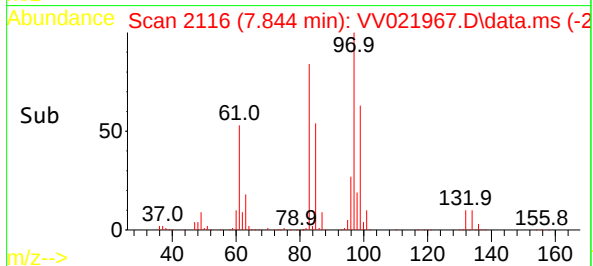
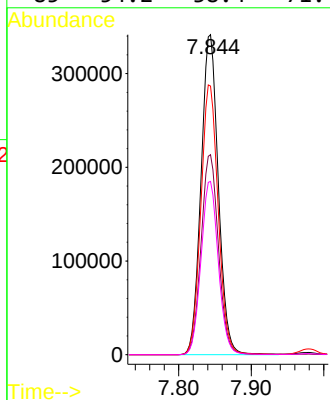
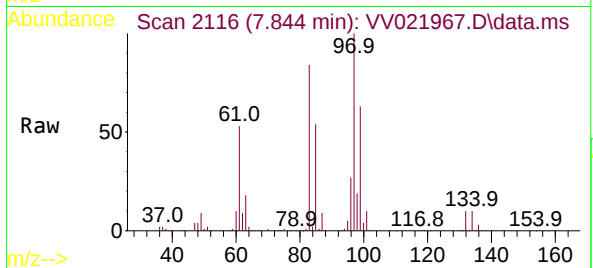
#45

1,1,2-Trichloroethane
Concen: 199.654 ug/L
RT: 7.844 min Scan# 2116
Delta R.T. 0.003 min
Lab File: VV021967.D
Acq: 27 Aug 2021 11:07

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 567588

Ion	Ratio	Lower	Upper
97	100		
99	62.5	43.8	81.4
83	84.0	58.8	109.2
85	54.2	38.4	71.4

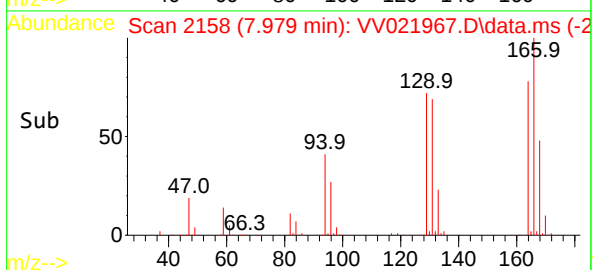
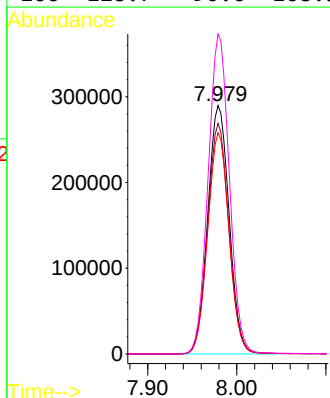
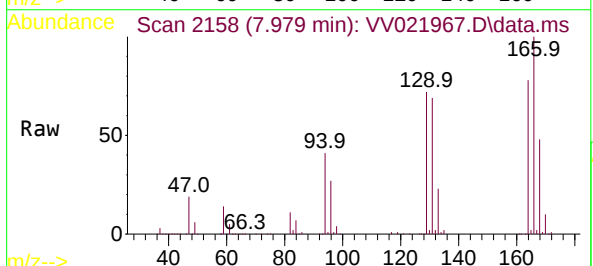


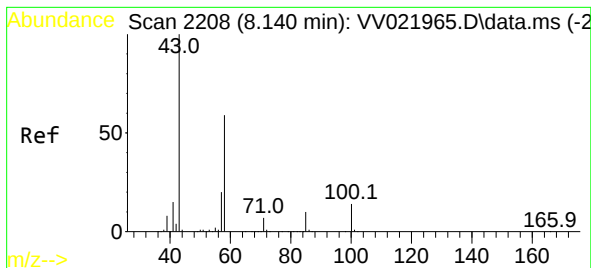
#46

Tetrachloroethene
Concen: 202.742 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.000 min
Lab File: VV021967.D
Acq: 27 Aug 2021 11:07

Tgt Ion: 164 Resp: 483475

Ion	Ratio	Lower	Upper
164	100		
129	92.8	62.9	116.9
131	89.0	61.0	113.4
166	128.7	90.6	168.3



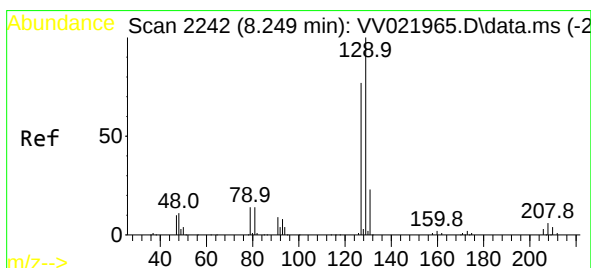
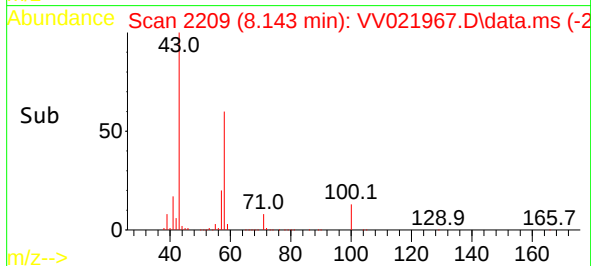
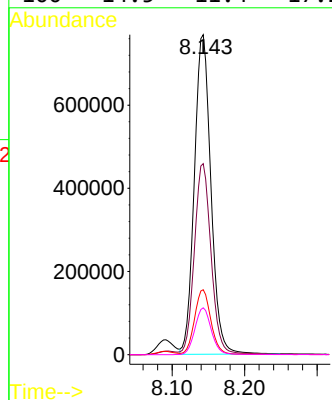
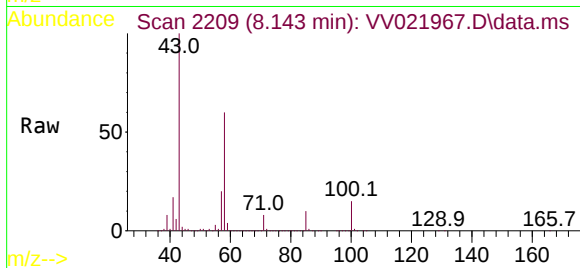


#48
2-Hexanone
Concen: 403.431 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VV021967.D
Acq: 27 Aug 2021 11:07

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 43 Resp: 1222258

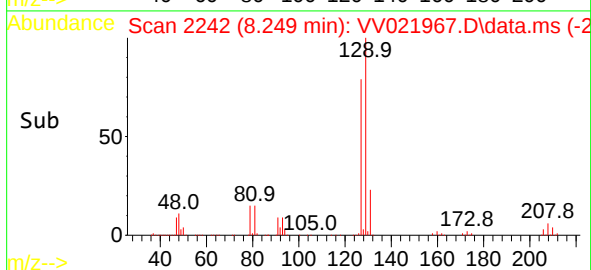
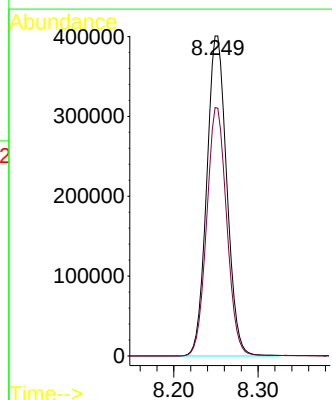
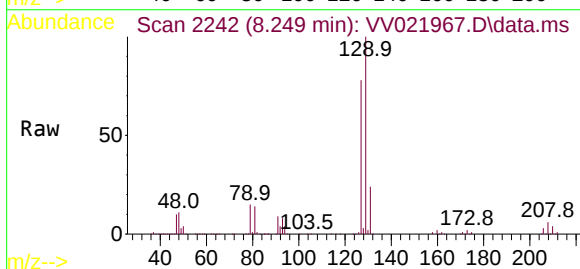
Ion	Ratio	Lower	Upper
43	100		
58	59.9	47.5	71.3
57	19.9	15.9	23.9
100	14.5	11.4	17.2

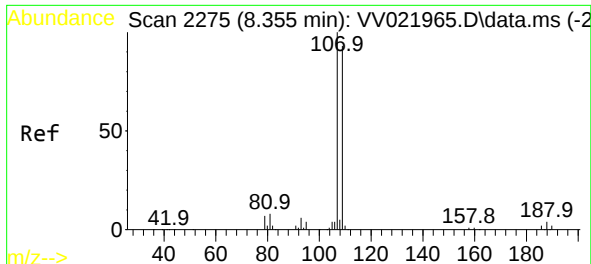


#49
Dibromochloromethane
Concen: 213.117 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VV021967.D
Acq: 27 Aug 2021 11:07

Tgt Ion: 129 Resp: 663405

Ion	Ratio	Lower	Upper
129	100		
127	77.6	54.1	100.5

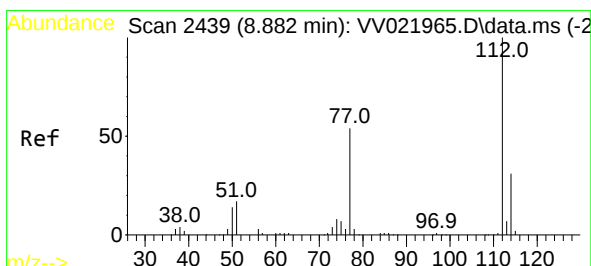
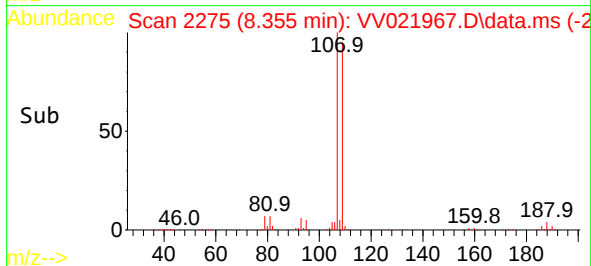
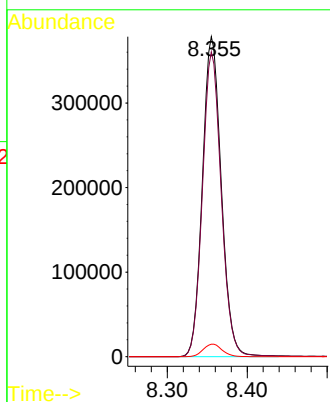
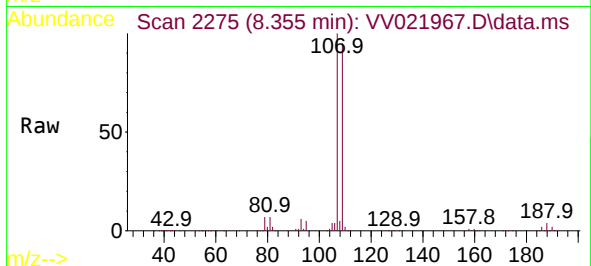




#50
1,2-Dibromoethane
Concen: 200.674 ug/L
RT: 8.355 min Scan# 2275
Delta R.T. 0.000 min
Lab File: VV021967.D
Acq: 27 Aug 2021 11:07

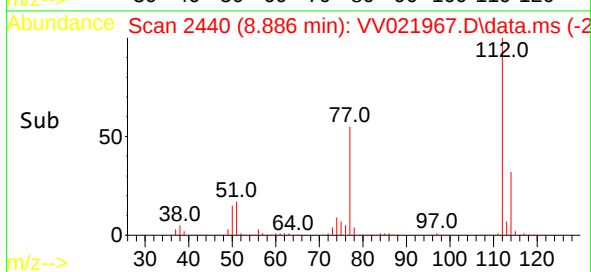
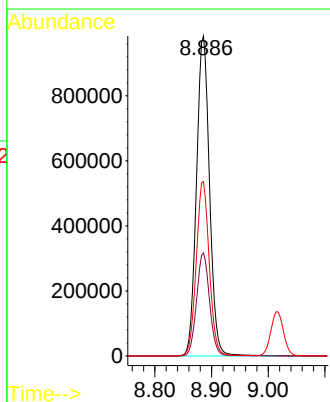
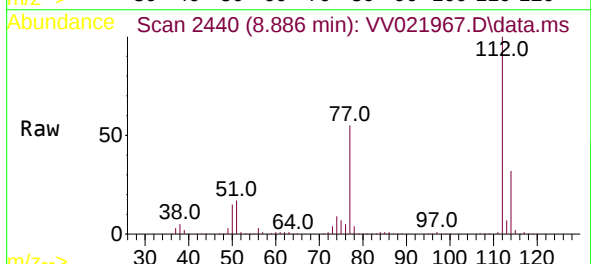
Instrument :
MSVOA_V
ClientSampled :

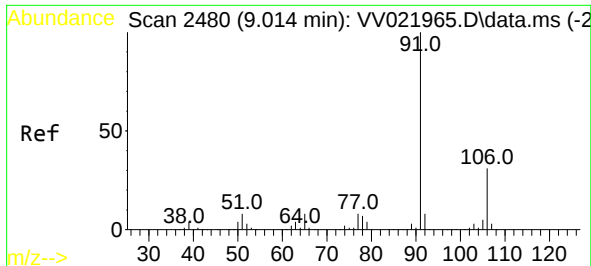
Tgt Ion:107 Resp: 621905
Ion Ratio Lower Upper
107 100
109 95.2 65.5 121.6
188 3.9 3.2 4.8



#51
Chlorobenzene
Concen: 200.769 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.003 min
Lab File: VV021967.D
Acq: 27 Aug 2021 11:07

Tgt Ion:112 Resp: 1570288
Ion Ratio Lower Upper
112 100
114 32.2 22.0 41.0
77 54.5 43.2 64.8

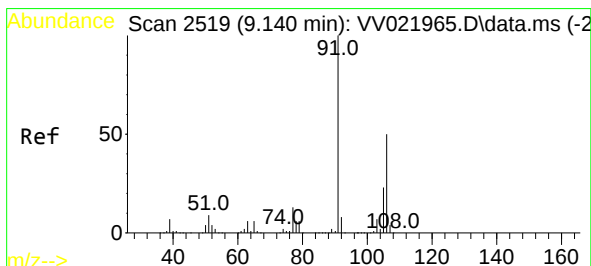
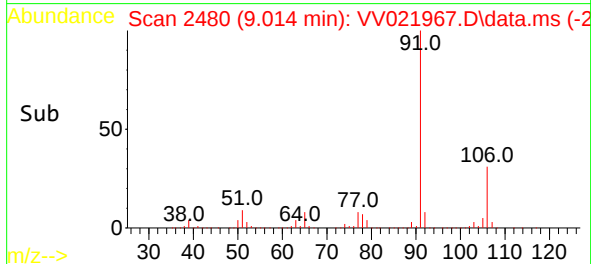
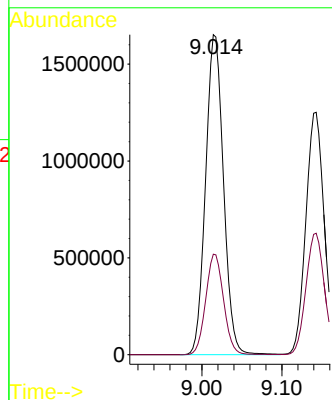
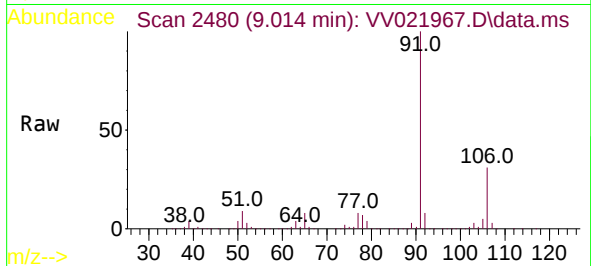




#52
Ethylbenzene
Concen: 202.154 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.000 min
Lab File: VV021967.D
Acq: 27 Aug 2021 11:07

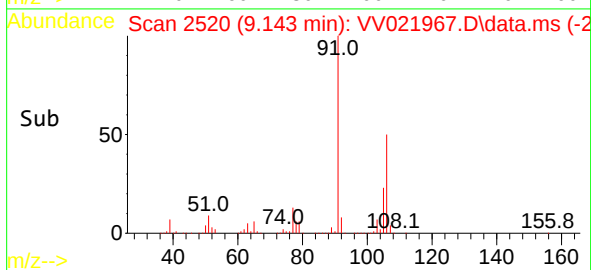
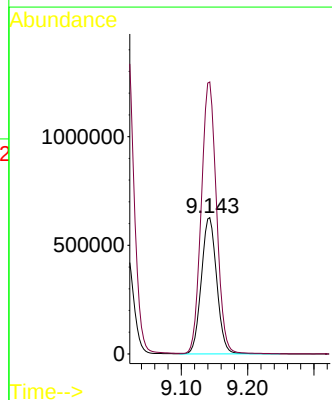
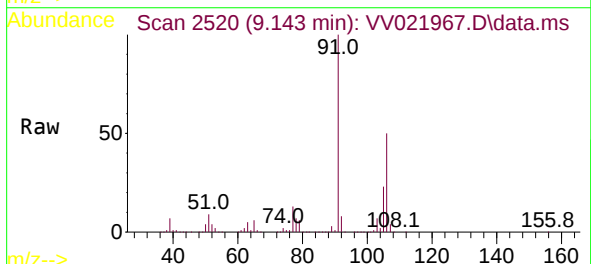
Instrument :
MSVOA_V
ClientSampled :

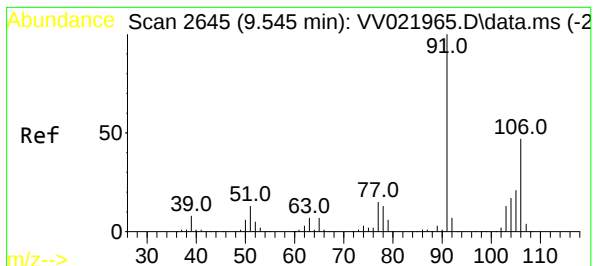
Tgt Ion: 91 Resp: 2573746
Ion Ratio Lower Upper
91 100
106 31.4 21.7 40.3



#53
m,p-Xylene
Concen: 204.129 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.003 min
Lab File: VV021967.D
Acq: 27 Aug 2021 11:07

Tgt Ion:106 Resp: 1010033
Ion Ratio Lower Upper
106 100
91 199.6 139.1 258.3

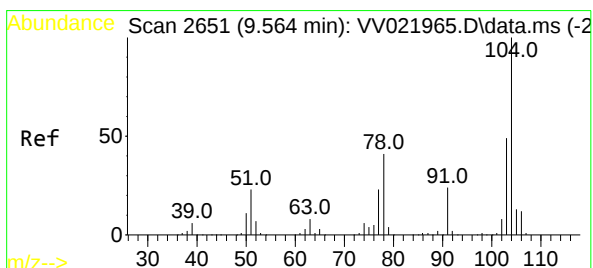
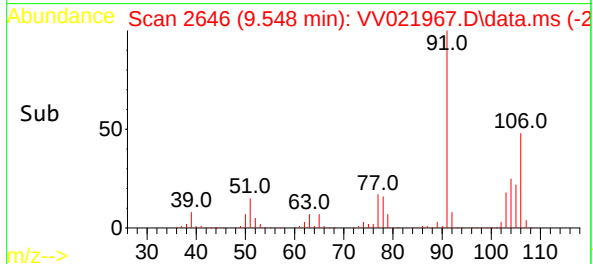
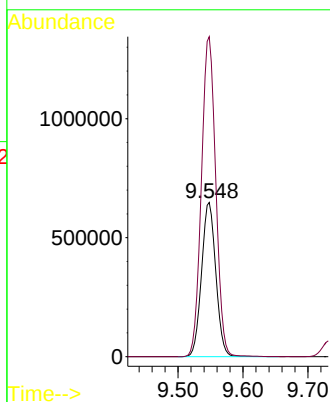
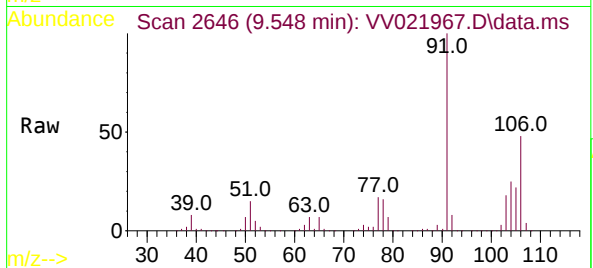




#54
o-Xylene
Concen: 202.815 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.003 min
Lab File: VV021967.D
Acq: 27 Aug 2021 11:07

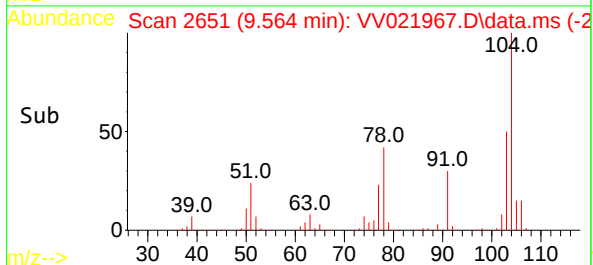
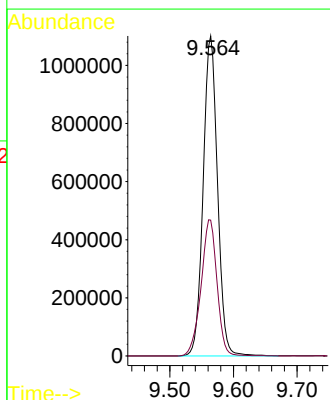
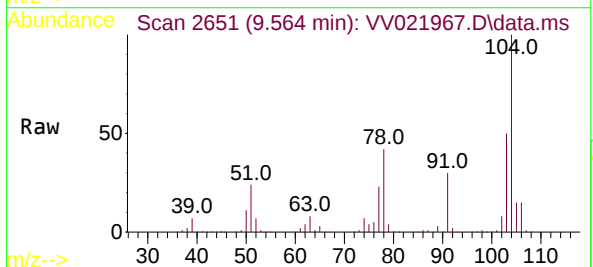
Instrument :
MSVOA_V
ClientSampled :

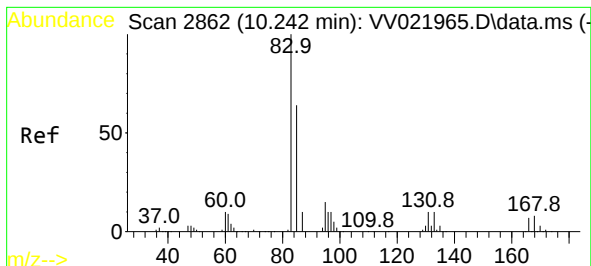
Tgt Ion:106 Resp: 990769
Ion Ratio Lower Upper
106 100
91 207.5 150.1 278.9



#55
Styrene
Concen: 209.900 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.000 min
Lab File: VV021967.D
Acq: 27 Aug 2021 11:07

Tgt Ion:104 Resp: 1725293
Ion Ratio Lower Upper
104 100
78 42.5 28.6 53.2

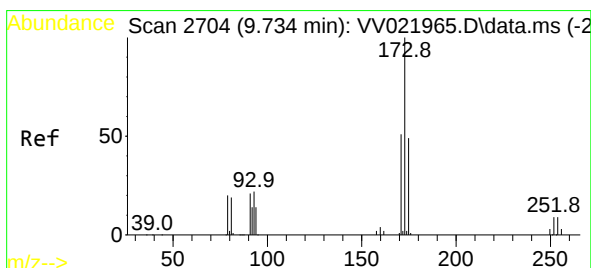
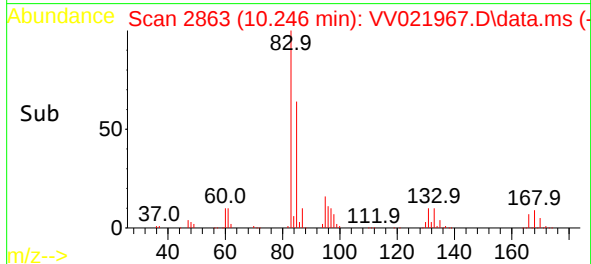
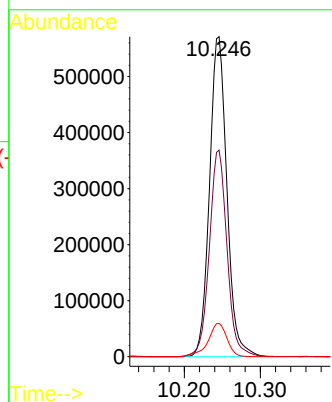
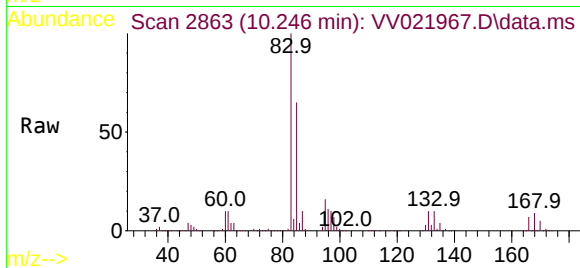




#57
1,1,2,2-Tetrachloroethane
Concen: 226.754 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. 0.003 min
Lab File: VV021967.D
Acq: 27 Aug 2021 11:07

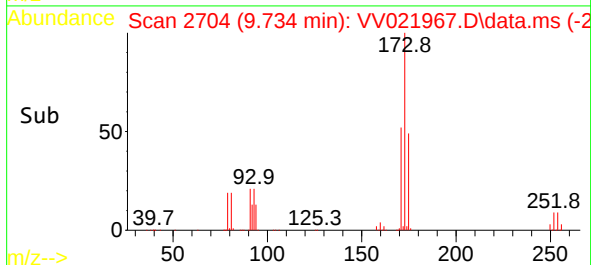
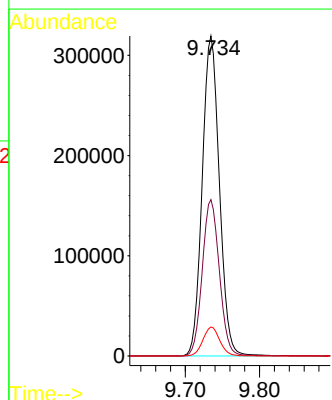
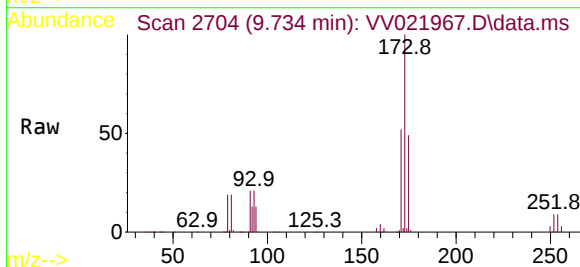
Instrument :
MSVOA_V
ClientSampled :

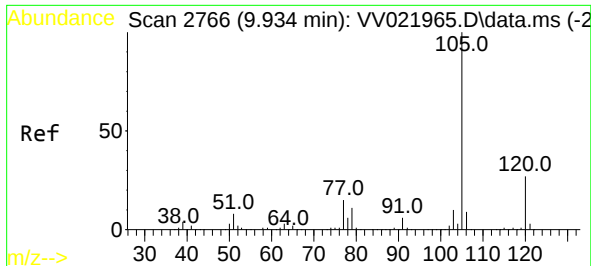
Tgt Ion: 83 Resp: 906036
Ion Ratio Lower Upper
83 100
85 64.6 44.7 83.1
131 10.4 8.2 12.2



#59
Bromoform
Concen: 212.625 ug/L
RT: 9.734 min Scan# 2704
Delta R.T. 0.000 min
Lab File: VV021967.D
Acq: 27 Aug 2021 11:07

Tgt Ion: 173 Resp: 512020
Ion Ratio Lower Upper
173 100
175 48.7 38.8 58.2
254 8.9 7.0 10.4

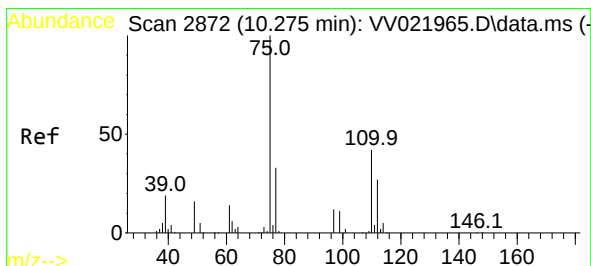
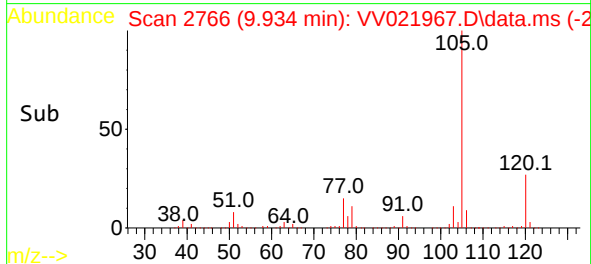
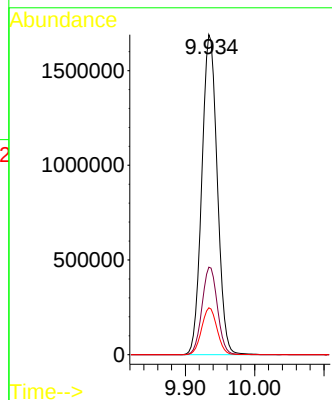
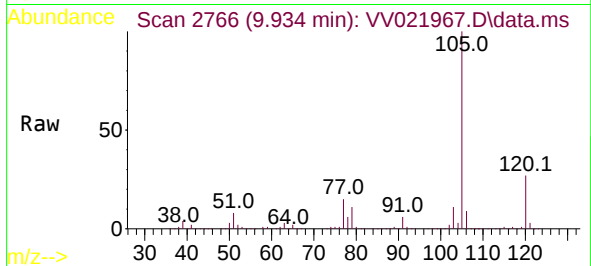




#60
Isopropylbenzene
Concen: 189.437 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.000 min
Lab File: VV021967.D
Acq: 27 Aug 2021 11:07

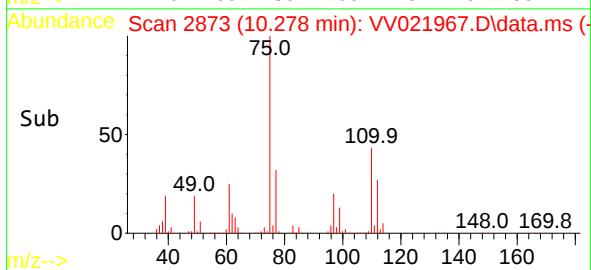
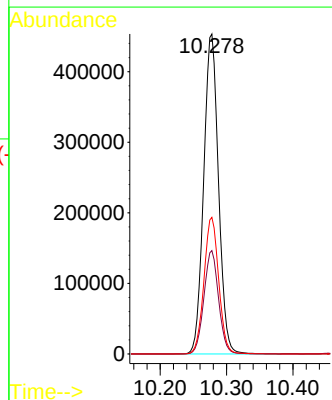
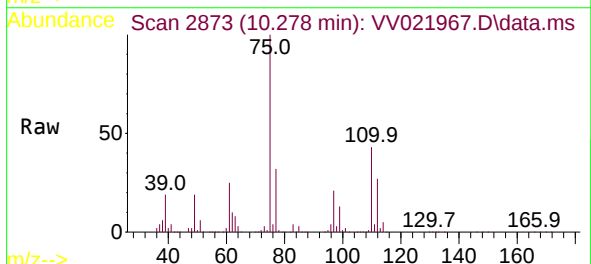
Instrument :
MSVOA_V
ClientSampleId :

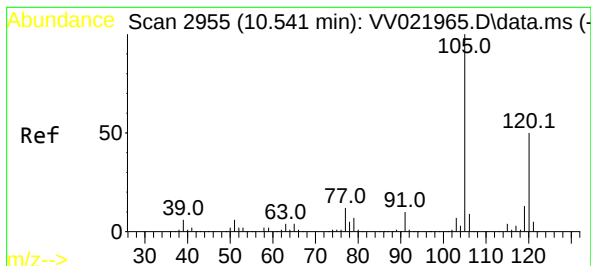
Tgt Ion:105 Resp: 2611144
Ion Ratio Lower Upper
105 100
120 27.3 21.5 32.3
77 14.7 11.8 17.6



#61
1,2,3-Trichloropropane
Concen: 184.235 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. 0.003 min
Lab File: VV021967.D
Acq: 27 Aug 2021 11:07

Tgt Ion: 75 Resp: 704108
Ion Ratio Lower Upper
75 100
77 32.0 26.2 39.2
110 42.5 33.8 50.6

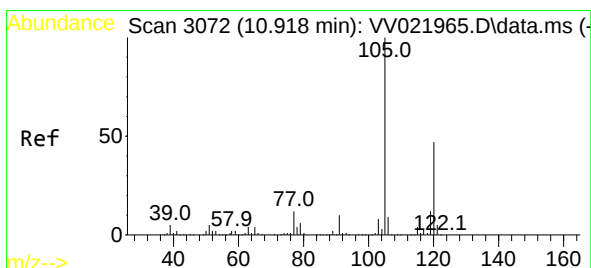
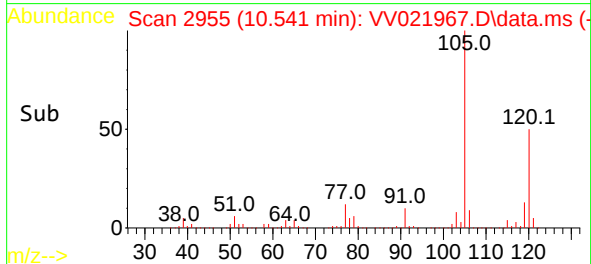
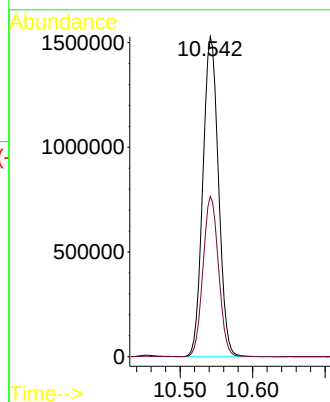
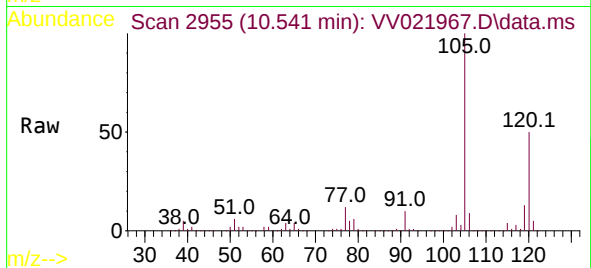




#62
1,3,5-Trimethylbenzene
Concen: 197.597 ug/L
RT: 10.541 min Scan# 2955
Delta R.T. 0.000 min
Lab File: VV021967.D
Acq: 27 Aug 2021 11:07

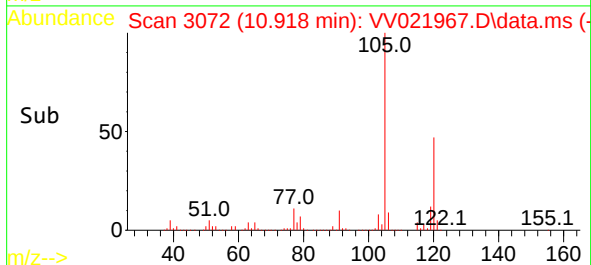
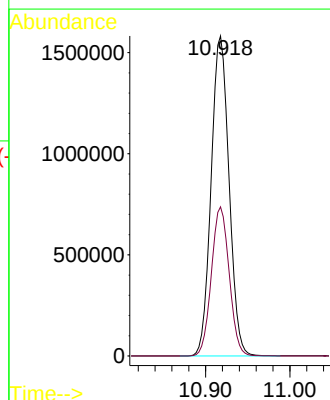
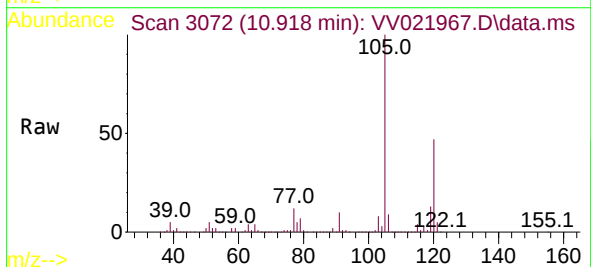
Instrument :
MSVOA_V
ClientSampled :

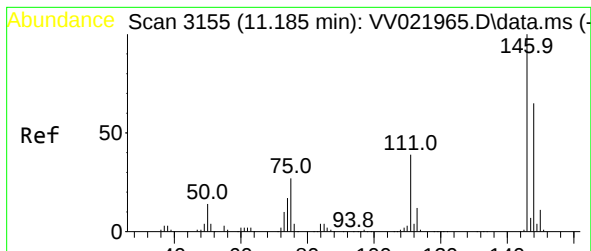
Tgt Ion:105 Resp: 2284674
Ion Ratio Lower Upper
105 100
120 50.0 39.6 59.4



#63
1,2,4-Trimethylbenzene
Concen: 198.442 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.000 min
Lab File: VV021967.D
Acq: 27 Aug 2021 11:07

Tgt Ion:105 Resp: 2329991
Ion Ratio Lower Upper
105 100
120 46.4 37.4 56.0

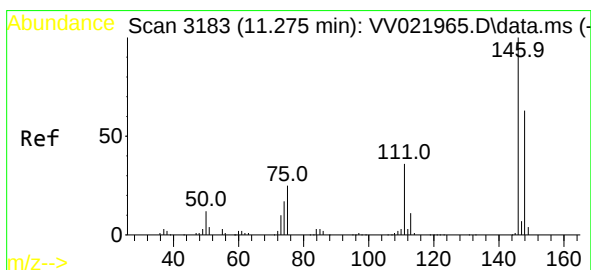
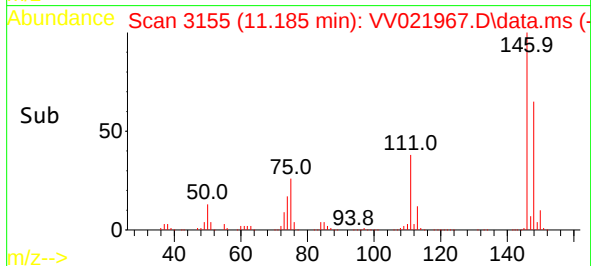
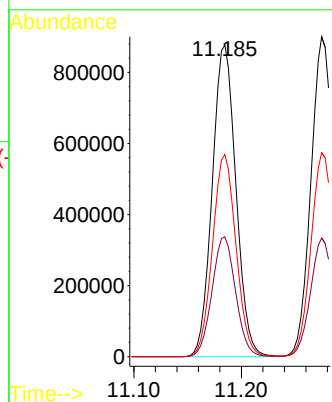
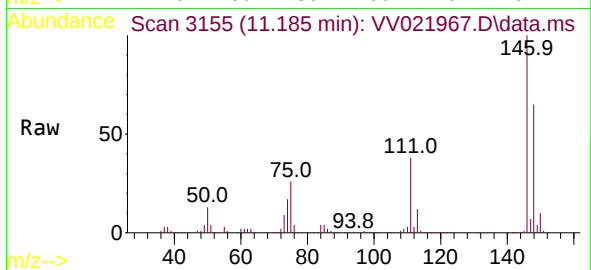




#64
1,3-Dichlorobenzene
Concen: 199.812 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.000 min
Lab File: VV021967.D
Acq: 27 Aug 2021 11:07

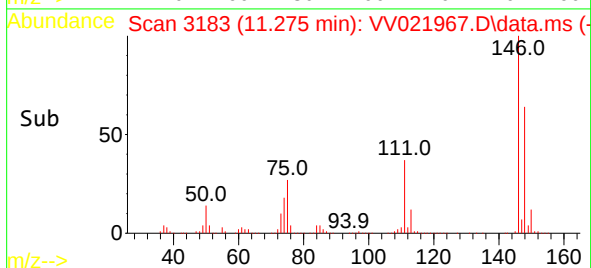
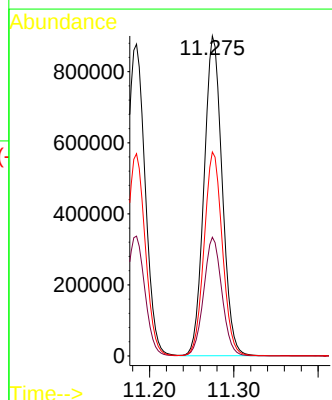
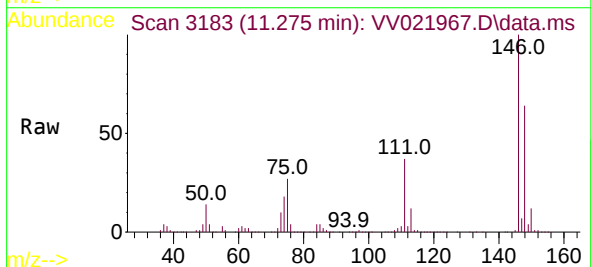
Instrument :
MSVOA_V
ClientSampled :

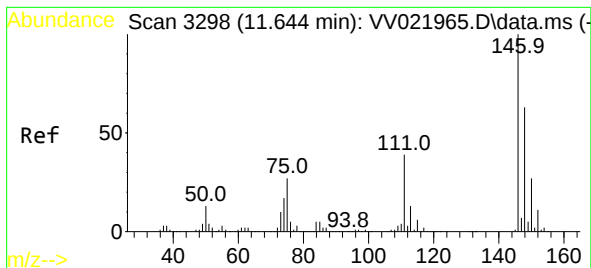
Tgt Ion:146 Resp: 1341671
Ion Ratio Lower Upper
146 100
111 38.4 26.9 50.1
148 64.8 45.5 84.5



#65
1,4-Dichlorobenzene
Concen: 200.607 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. -0.000 min
Lab File: VV021967.D
Acq: 27 Aug 2021 11:07

Tgt Ion:146 Resp: 1351582
Ion Ratio Lower Upper
146 100
111 37.1 25.3 46.9
148 63.8 44.4 82.5

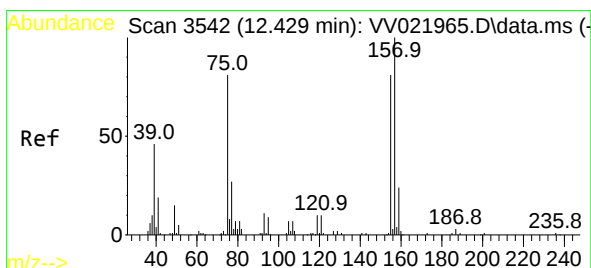
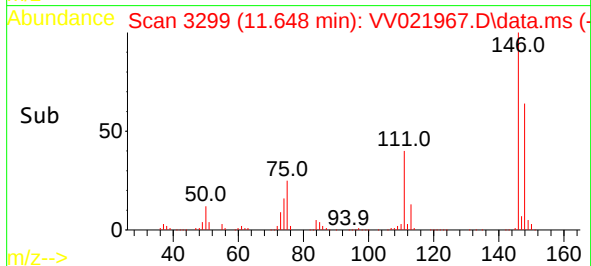
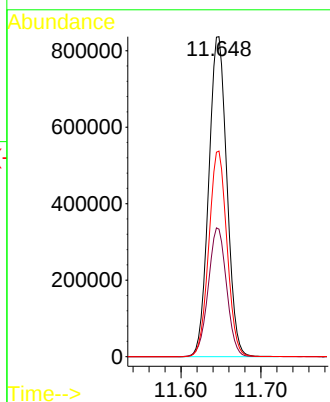
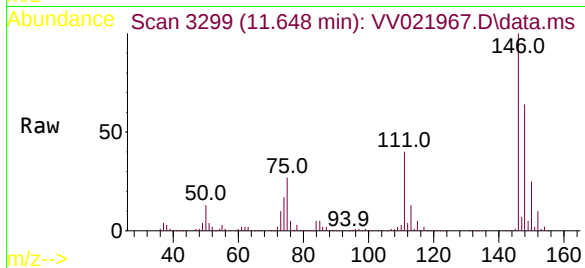




#67
1,2-Dichlorobenzene
Concen: 194.921 ug/L
RT: 11.648 min Scan# 3299
Delta R.T. 0.003 min
Lab File: VV021967.D
Acq: 27 Aug 2021 11:07

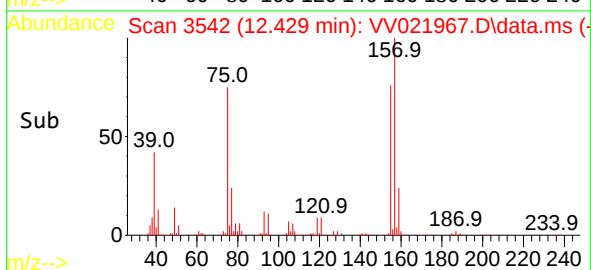
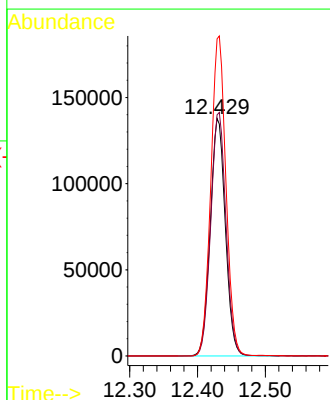
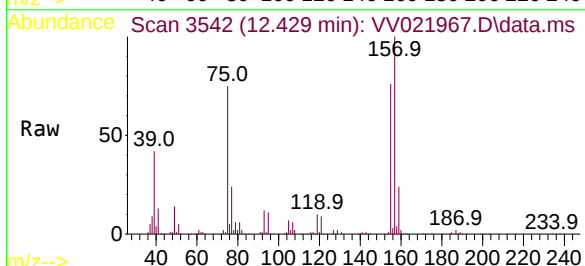
Instrument :
MSVOA_V
ClientSampleId :

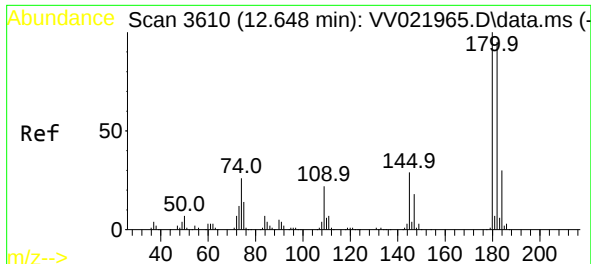
Tgt Ion:146 Resp: 1318082
Ion Ratio Lower Upper
146 100
111 39.8 31.6 47.4
148 64.3 50.6 75.8



#68
1,2-Dibromo-3-chloropropane
Concen: 230.740 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV021967.D
Acq: 27 Aug 2021 11:07

Tgt Ion: 75 Resp: 214307
Ion Ratio Lower Upper
75 100
155 101.5 79.8 119.6
157 133.5 98.3 147.5

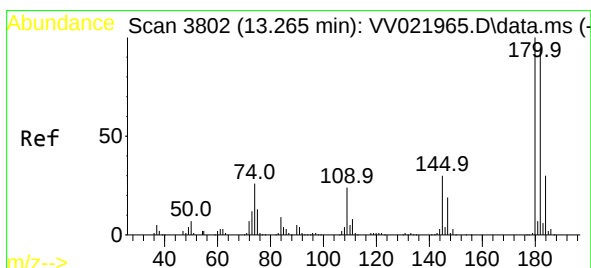
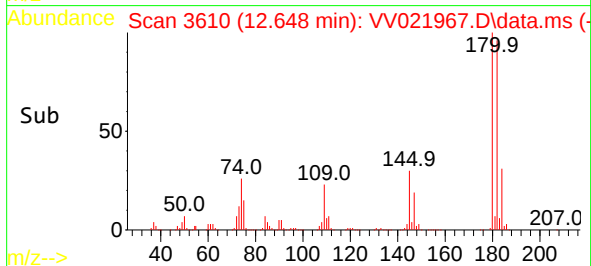
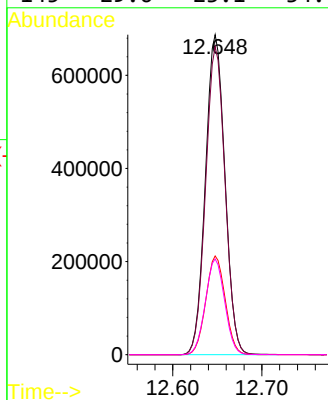
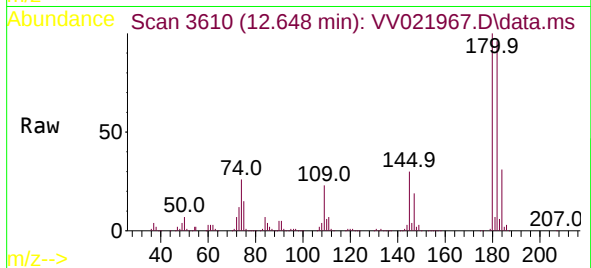




#69
1,3,5-Trichlorobenzene
Concen: 213.387 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. 0.000 min
Lab File: VV021967.D
Acq: 27 Aug 2021 11:07

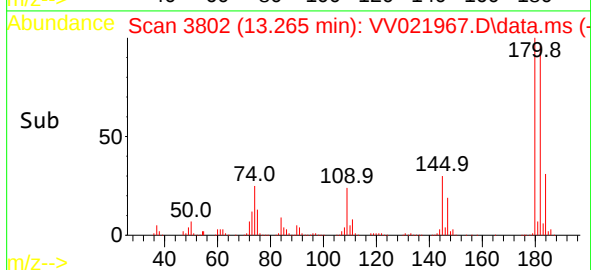
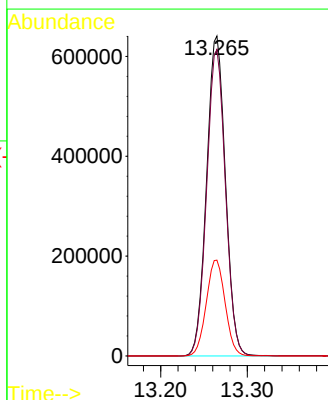
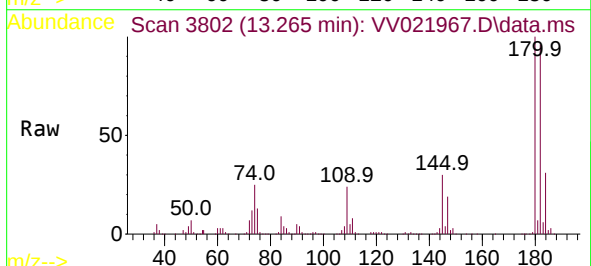
Instrument :
MSVOA_V
ClientSampleId :

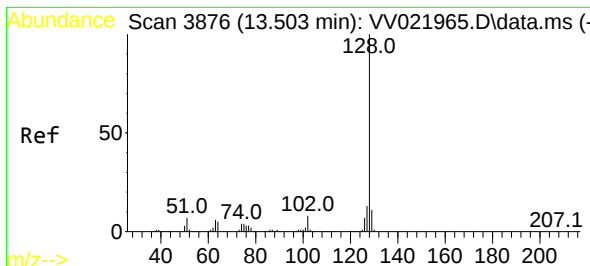
Tgt Ion:180 Resp: 1044144
Ion Ratio Lower Upper
180 100
182 95.8 76.4 114.6
184 30.7 24.0 36.0
145 29.6 23.1 34.7



#70
1,2,4-trichlorobenzene
Concen: 234.680 ug/L
RT: 13.265 min Scan# 3802
Delta R.T. 0.000 min
Lab File: VV021967.D
Acq: 27 Aug 2021 11:07

Tgt Ion:180 Resp: 969957
Ion Ratio Lower Upper
180 100
182 95.2 75.9 113.9
145 30.0 23.8 35.6

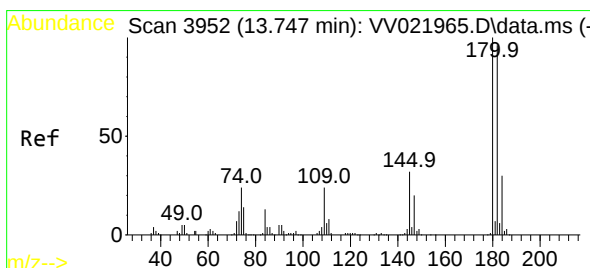
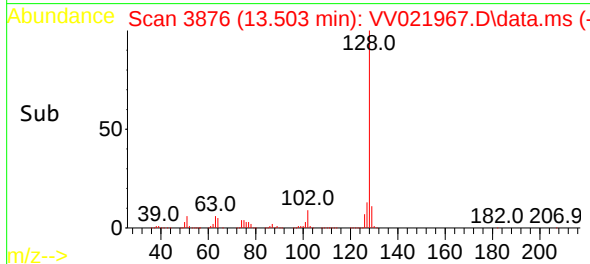
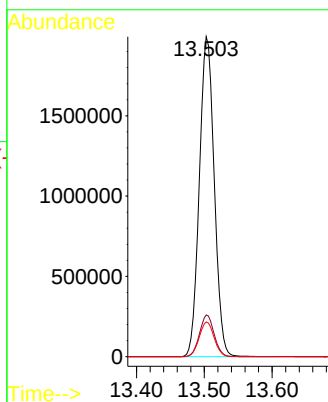
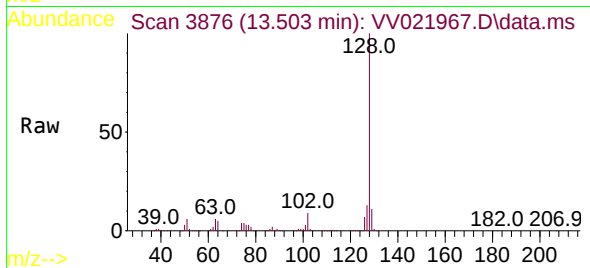




#71
Naphthalene
Concen: 253.016 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.000 min
Lab File: VV021967.D
Acq: 27 Aug 2021 11:07

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion:128 Resp: 3039637
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 10.9 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 225.998 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. 0.000 min
Lab File: VV021967.D
Acq: 27 Aug 2021 11:07

Tgt Ion:180 Resp: 936446
Ion Ratio Lower Upper
180 100
182 95.0 76.3 114.5
145 31.7 25.4 38.0

