

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100421\
 Data File : VW022554.D
 Acq On : 04 Oct 2021 13:54
 Operator : SY/MD
 Sample : VSTD00131
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001231

Quant Time: Oct 05 01:38:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 05 01:37:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	108543	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	101627	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	52640	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	3522	0.706	ug/L	0.00
7) Chloroethane-d5	1.564	69	4702	0.784	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	9687	0.784	ug/L	0.00
20) 2-Butanone-d5	3.982	46	18293	8.451	ug/L	0.05
24) Chloroform-d	4.342	84	12391	0.816	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.037	65	6117	0.849	ug/L	0.00
32) Benzene-d6	5.043	84	21555	0.790	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	8698	1.012	ug/L	0.00
41) Toluene-d8	7.323	98	17576	0.726	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.638	79	1889	0.723	ug/L	0.00
46) 2-Hexanone-d5	8.111	63	10158	6.346	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.220	84	5837	0.810	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.628	152	8082	0.859	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	7674	0.910	ug/L	99
3) Chloromethane	1.233	50	7475	0.885	ug/L	100
5) Vinyl chloride	1.304	62	7664	0.936	ug/L	97
6) Bromomethane	1.516	94	5109	0.971	ug/L	96
8) Chloroethane	1.581	64	4985	0.965	ug/L	93
9) Trichlorofluoromethane	1.748	101	11161	0.966	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	6560	0.962	ug/L	99
12) 1,1-Dichloroethene	2.114	96	5937	0.949	ug/L	93
13) Acetone	2.269	43	6948	5.655	ug/L	77
14) Carbon disulfide	2.285	76	17478	0.850	ug/L	96
15) Methyl Acetate	2.462	43	2021	0.698	ug/L #	78
16) Methylene chloride	2.503	84	7459	0.713	ug/L	98
17) Methyl tert-butyl Ether	2.780	73	14966	0.912	ug/L	99
18) trans-1,2-Dichloroethene	2.751	96	6736	0.918	ug/L	90
19) 1,1-Dichloroethane	3.179	63	12215	0.948	ug/L	98
21) 2-Butanone	4.060	43	13270	7.121	ug/L #	70
22) cis-1,2-Dichloroethene	3.899	96	7146	0.967	ug/L	94
23) Bromochloromethane	4.236	128	3352	0.979	ug/L	89
25) Chloroform	4.368	83	12661	0.942	ug/L	96
27) 1,2-Dichloroethane	5.137	62	6632	0.869	ug/L	96
29) 1,1,1-Trichloroethane	4.596	97	9866	0.897	ug/L	95
30) Cyclohexane	4.651	56	8370	0.787	ug/L	98
31) Carbon tetrachloride	4.812	117	9041	0.969	ug/L	99
33) Benzene	5.092	78	23751	0.875	ug/L	100
34) Trichloroethene	5.912	95	7377	1.054	ug/L	98
35) Methylcyclohexane	6.127	83	9074	0.828	ug/L	98
37) 1,2-Dichloropropane	6.178	63	5847	0.855	ug/L	97
38) Bromodichloromethane	6.513	83	7236	0.868	ug/L	89
39) cis-1,3-Dichloropropene	7.043	75	7169	0.795	ug/L	99
40) 4-Methyl-2-pentanone	7.249	43	27990	6.618	ug/L	99
42) Toluene	7.397	91	23734	0.830	ug/L	95
44) trans-1,3-Dichloropropene	7.670	75	6100	0.799	ug/L	94

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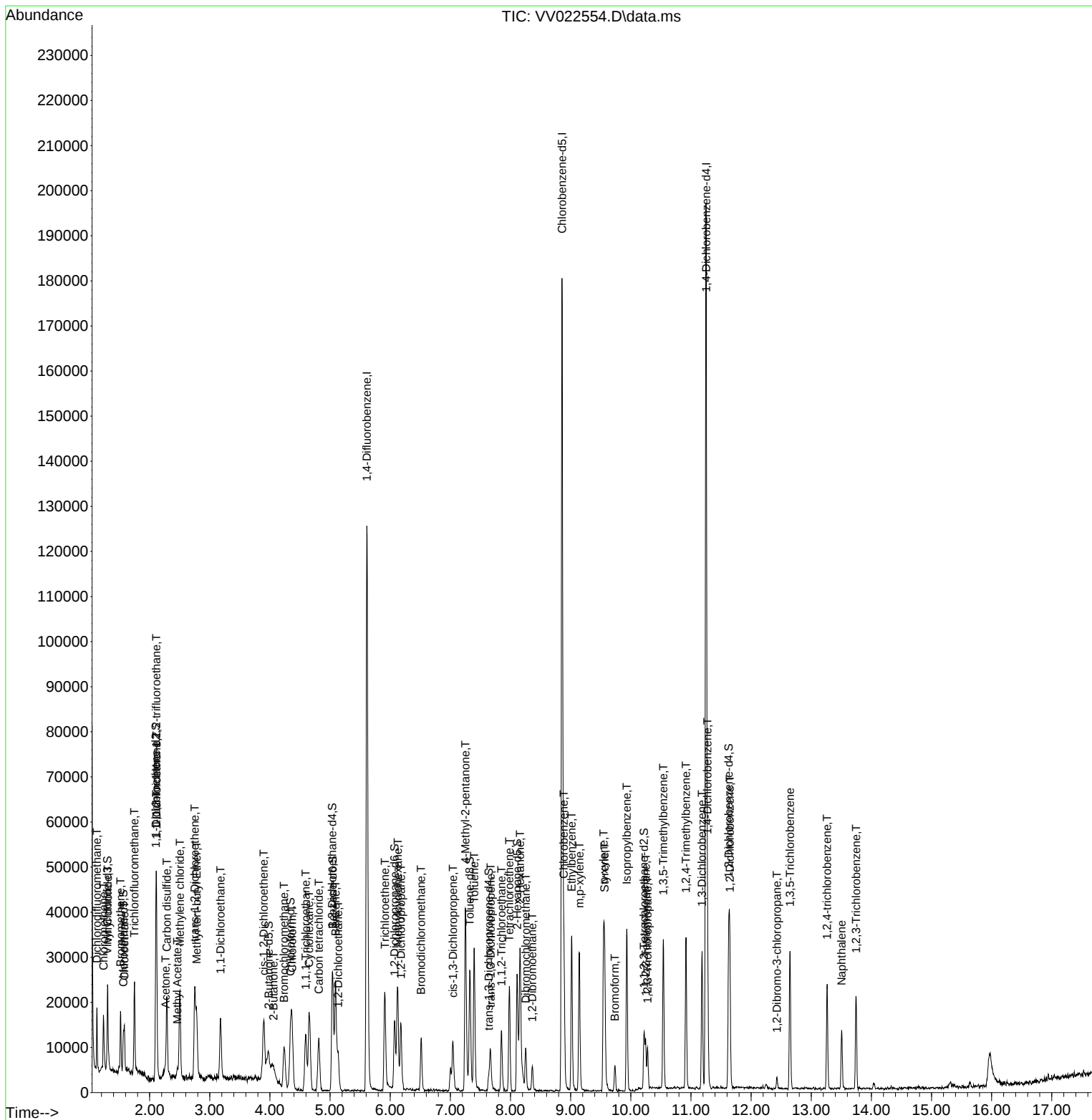
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 05 01:37:29 2021
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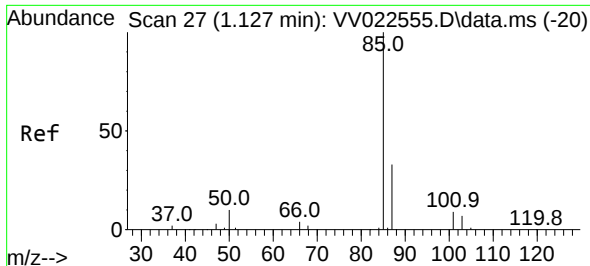
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.850	97	4328	0.845	ug/L	97
47) Tetrachloroethene	7.982	164	5355	0.913	ug/L	98
48) 2-Hexanone	8.159	43	22618	7.626	ug/L	97
49) Dibromochloromethane	8.252	129	4788	0.849	ug/L	97
50) 1,2-Dibromoethane	8.362	107	3938	0.827	ug/L #	88
51) Chlorobenzene	8.886	112	16282	0.864	ug/L	96
52) Ethylbenzene	9.018	91	23327	0.784	ug/L	98
53) m,p-xylene	9.146	106	8825	0.771	ug/L	93
54) o-xylene	9.548	106	8598	0.770	ug/L	87
55) Styrene	9.564	104	14273	0.761	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.249	83	4921	0.796	ug/L	89
59) Bromoform	9.738	173	2688	0.897	ug/L #	95
60) Isopropylbenzene	9.934	105	22430	0.765	ug/L	97
61) 1,2,3-Trichloropropane	10.278	75	3336	0.749	ug/L	93
62) 1,3,5-Trimethylbenzene	10.542	105	17158	0.717	ug/L	97
63) 1,2,4-Trimethylbenzene	10.918	105	18093	0.758	ug/L	100
64) 1,3-Dichlorobenzene	11.185	146	12684	0.872	ug/L	97
65) 1,4-Dichlorobenzene	11.275	146	13070	0.888	ug/L	97
67) 1,2-Dichlorobenzene	11.648	146	12324	0.892	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.429	75	616	0.697	ug/L	95
69) 1,3,5-Trichlorobenzene	12.648	180	9361	0.854	ug/L	98
70) 1,2,4-trichlorobenzene	13.265	180	7369	0.849	ug/L	99
71) Naphthalene	13.506	128	10513	0.675	ug/L	98
72) 1,2,3-Trichlorobenzene	13.747	180	6169	0.755	ug/L	96

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

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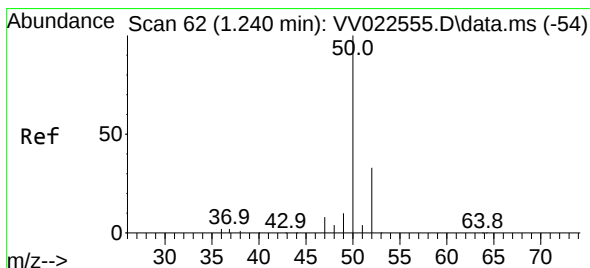
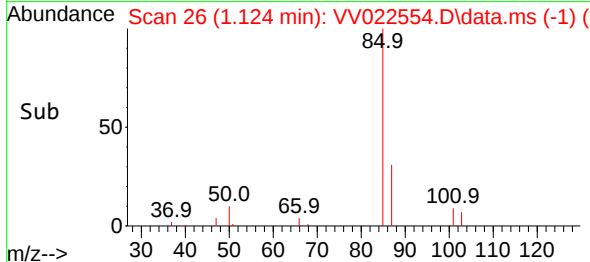
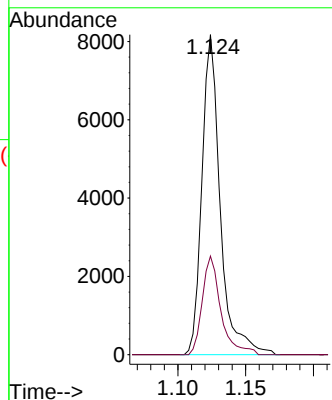
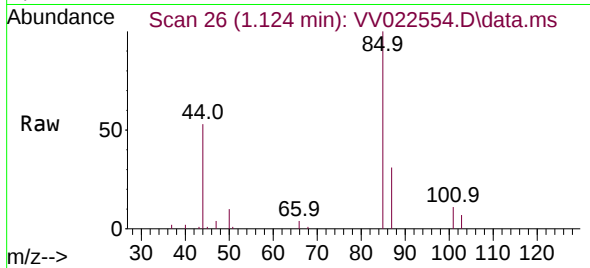




#2
 Dichlorodifluoromethane
 Concen: 0.910 ug/L
 RT: 1.124 min Scan# 26
 Delta R.T. -0.003 min
 Lab File: VV022554.D
 Acq: 04 Oct 2021 13:54

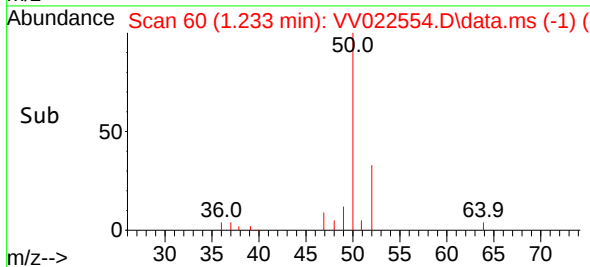
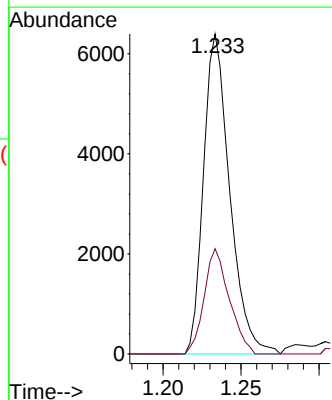
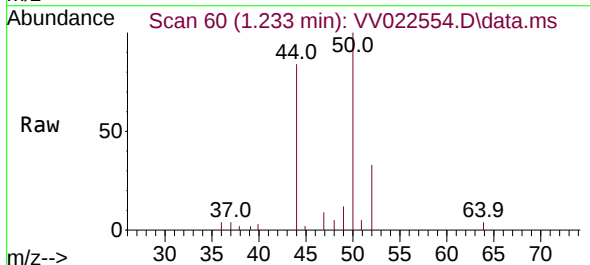
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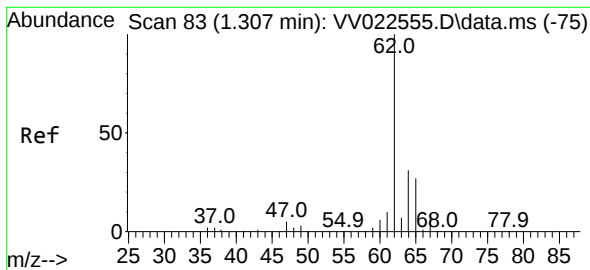
Tgt Ion: 85 Resp: 7674
 Ion Ratio Lower Upper
 85 100
 87 31.3 25.4 38.0



#3
 Chloromethane
 Concen: 0.885 ug/L
 RT: 1.233 min Scan# 60
 Delta R.T. -0.006 min
 Lab File: VV022554.D
 Acq: 04 Oct 2021 13:54

Tgt Ion: 50 Resp: 7475
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.0 42.8

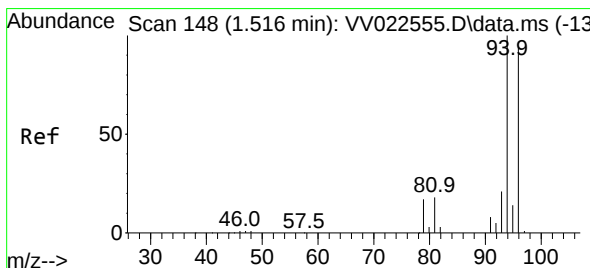
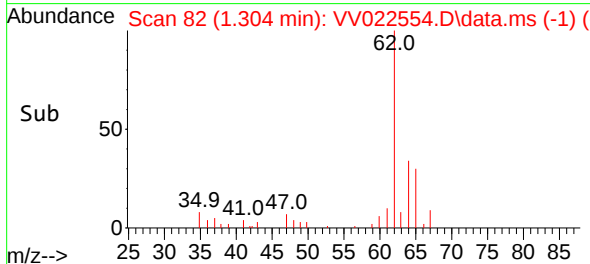
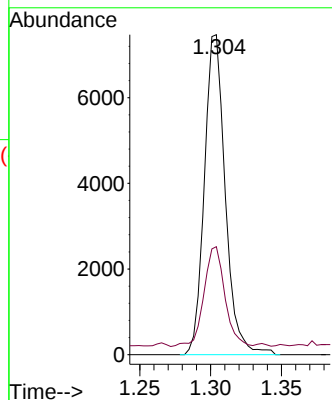
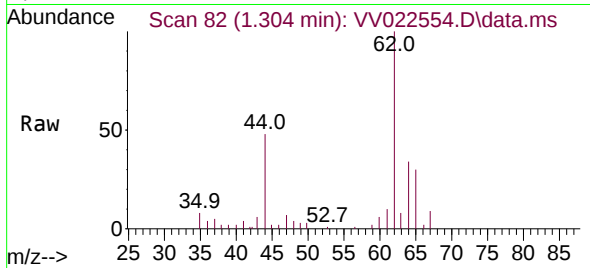




#5
 Vinyl chloride
 Concen: 0.936 ug/L
 RT: 1.304 min Scan# 82
 Delta R.T. -0.003 min
 Lab File: VV022554.D
 Acq: 04 Oct 2021 13:54

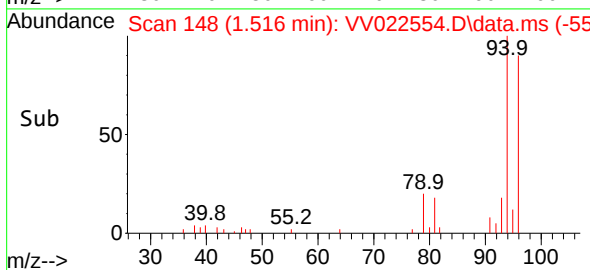
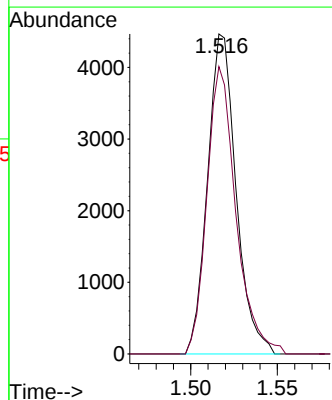
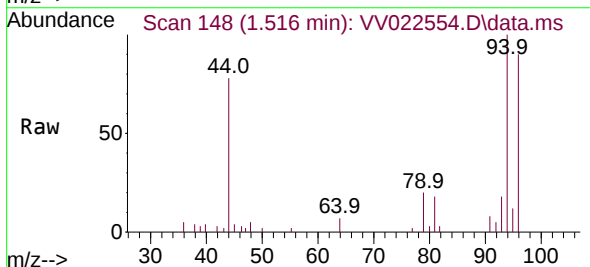
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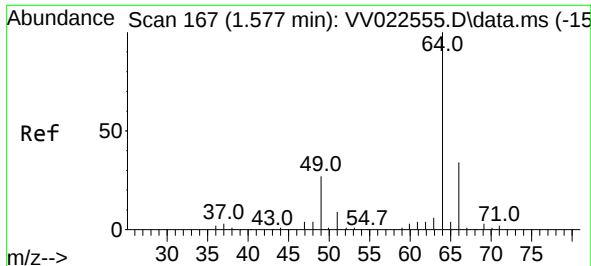
Tgt Ion: 62 Resp: 7664
 Ion Ratio Lower Upper
 62 100
 64 33.7 22.3 41.5



#6
 Bromomethane
 Concen: 0.971 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VV022554.D
 Acq: 04 Oct 2021 13:54

Tgt Ion: 94 Resp: 5109
 Ion Ratio Lower Upper
 94 100
 96 89.8 65.9 122.3

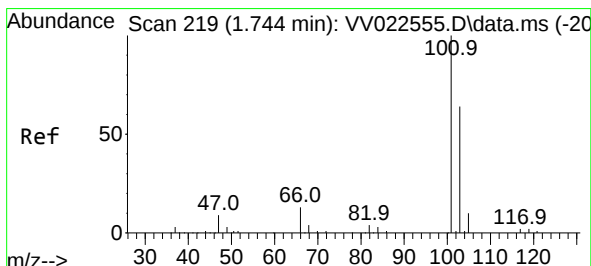
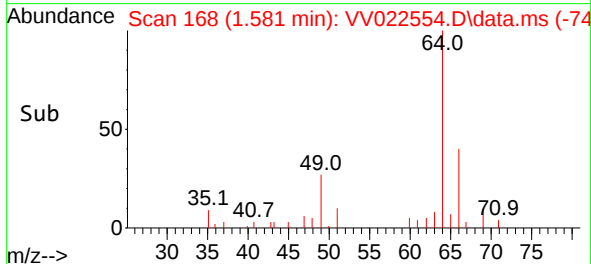
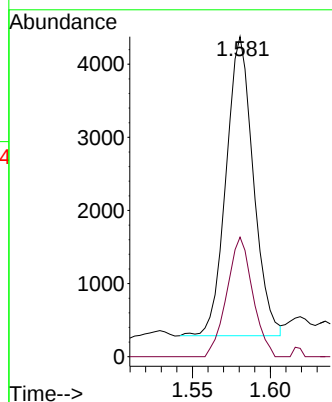
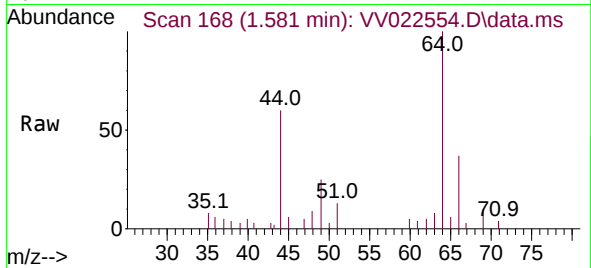




#8
Chloroethane
Concen: 0.965 ug/L
RT: 1.581 min Scan# 168
Delta R.T. 0.003 min
Lab File: VV022554.D
Acq: 04 Oct 2021 13:54

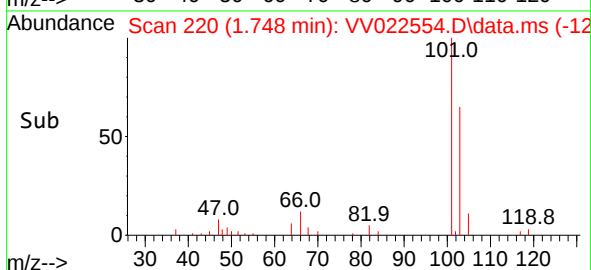
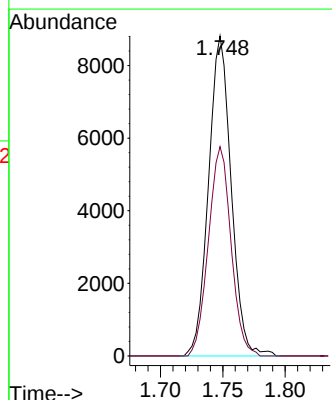
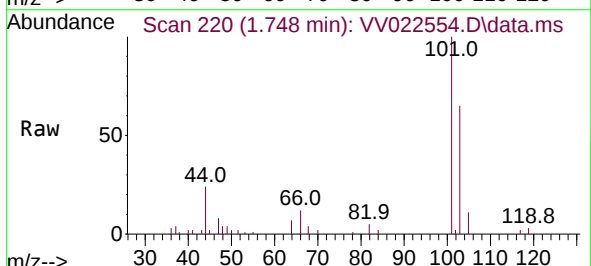
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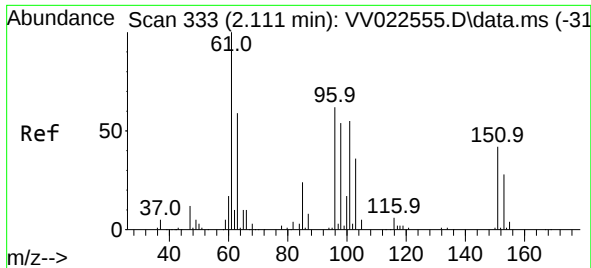
Tgt Ion: 64 Resp: 4985
Ion Ratio Lower Upper
64 100
66 37.3 23.2 43.0



#9
Trichlorofluoromethane
Concen: 0.966 ug/L
RT: 1.748 min Scan# 220
Delta R.T. 0.003 min
Lab File: VV022554.D
Acq: 04 Oct 2021 13:54

Tgt Ion: 101 Resp: 11161
Ion Ratio Lower Upper
101 100
103 65.3 51.4 77.2

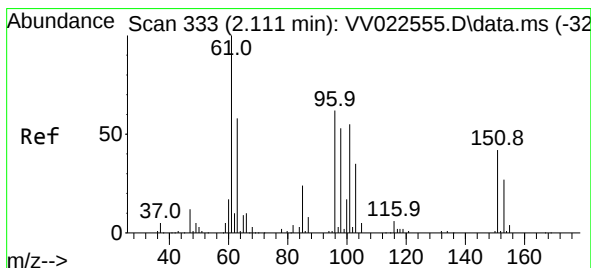
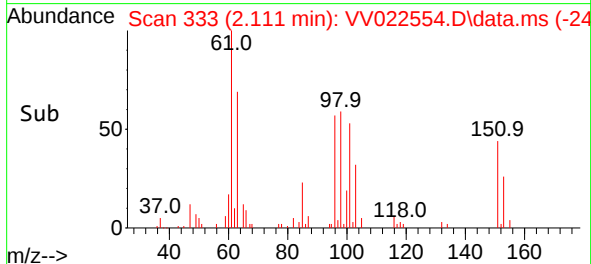
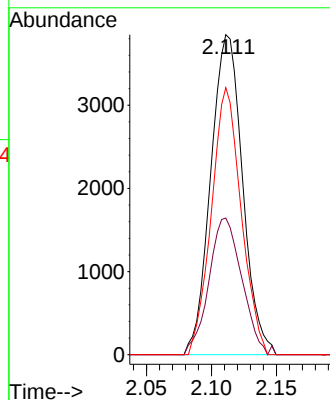
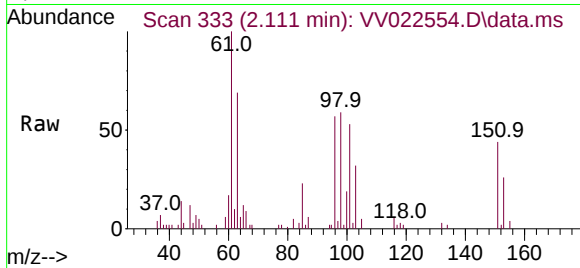




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.962 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. 0.000 min
 Lab File: VV022554.D
 Acq: 04 Oct 2021 13:54

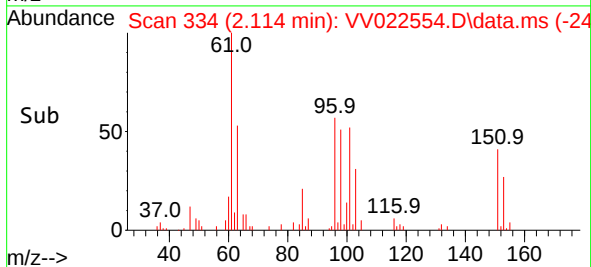
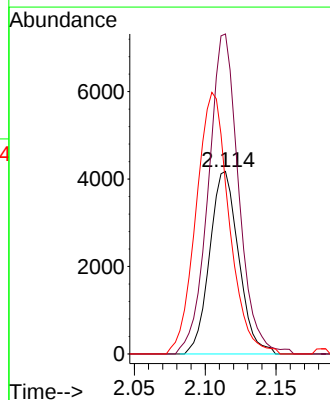
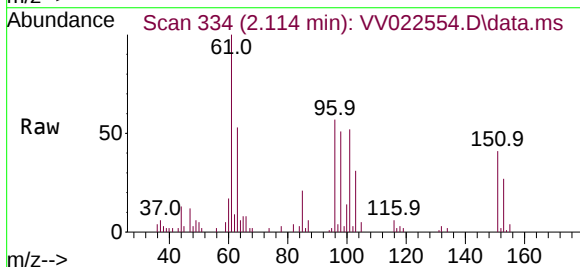
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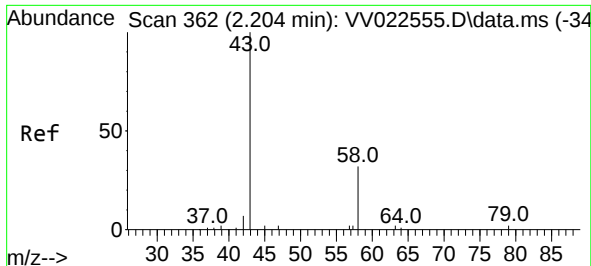
Tgt Ion:101 Resp: 6560
 Ion Ratio Lower Upper
 101 100
 85 44.2 35.8 53.6
 151 77.8 61.9 92.9



#12
 1,1-Dichloroethene
 Concen: 0.949 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.003 min
 Lab File: VV022554.D
 Acq: 04 Oct 2021 13:54

Tgt Ion: 96 Resp: 5937
 Ion Ratio Lower Upper
 96 100
 61 175.3 113.2 210.2
 63 93.0 66.6 123.8

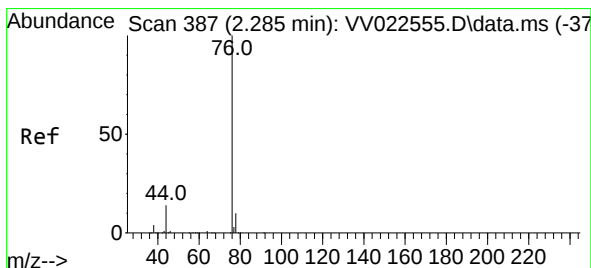
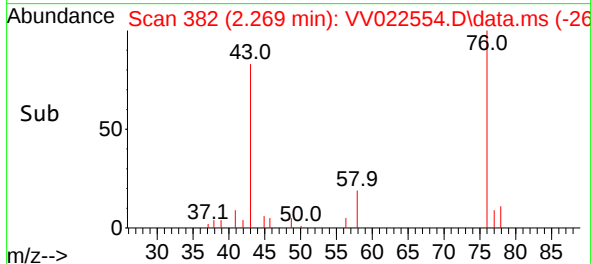
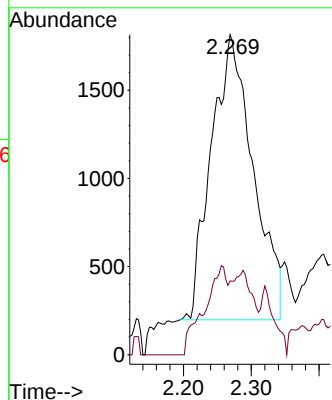
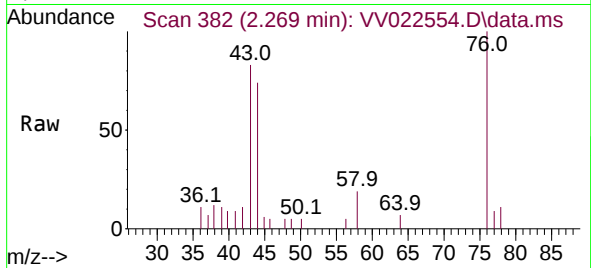




#13
Acetone
Concen: 5.655 ug/L
RT: 2.269 min Scan# 382
Delta R.T. 0.064 min
Lab File: VV022554.D
Acq: 04 Oct 2021 13:54

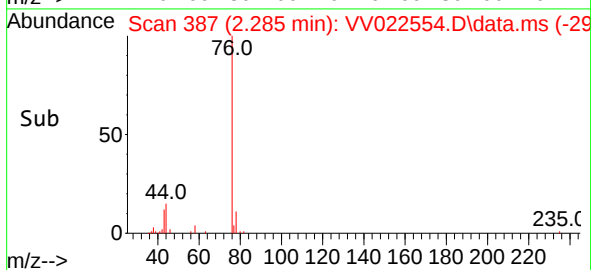
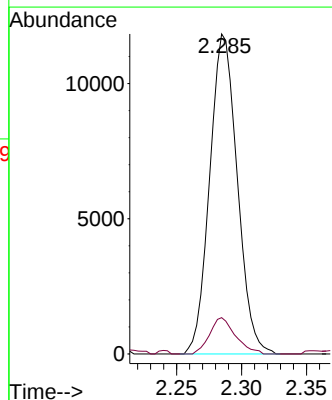
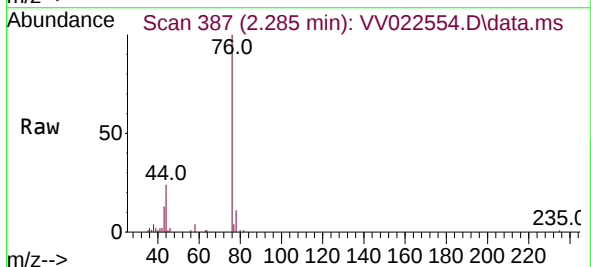
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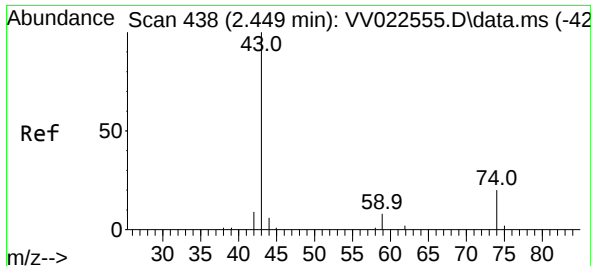
Tgt Ion: 43 Resp: 6948
Ion Ratio Lower Upper
43 100
58 16.9 0.0 17.6



#14
Carbon disulfide
Concen: 0.850 ug/L
RT: 2.285 min Scan# 387
Delta R.T. 0.000 min
Lab File: VV022554.D
Acq: 04 Oct 2021 13:54

Tgt Ion: 76 Resp: 17478
Ion Ratio Lower Upper
76 100
78 11.3 7.8 11.6

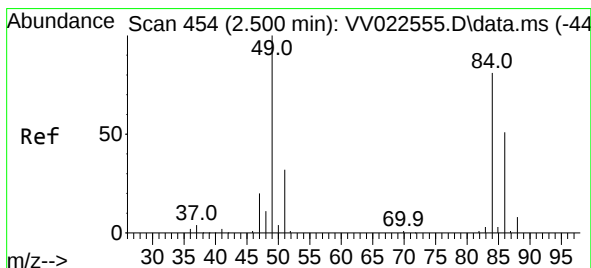
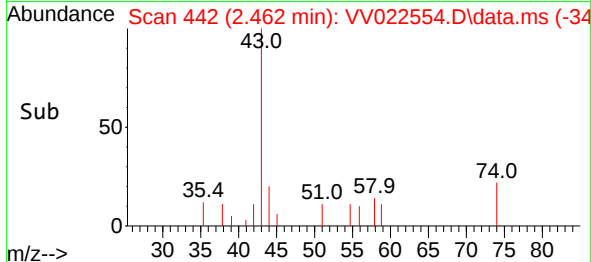
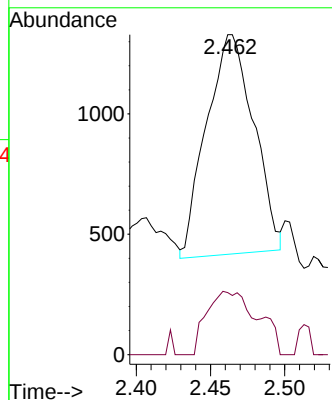
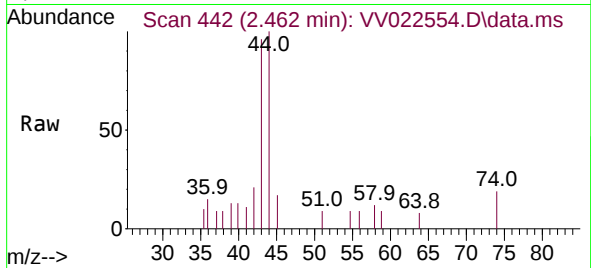




#15
Methyl Acetate
Concen: 0.698 ug/L
RT: 2.462 min Scan# 442
Delta R.T. 0.013 min
Lab File: VV022554.D
Acq: 04 Oct 2021 13:54

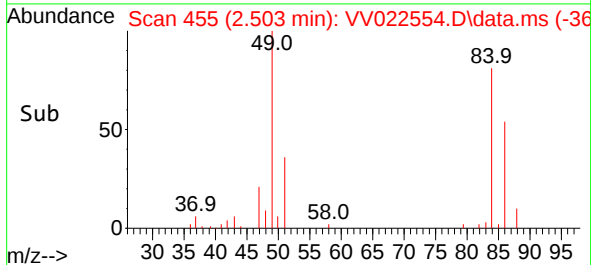
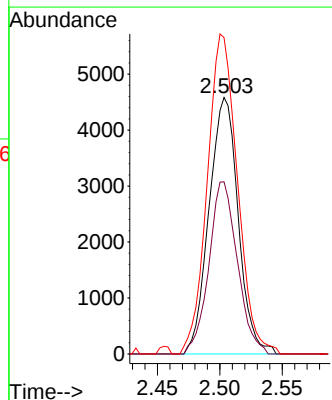
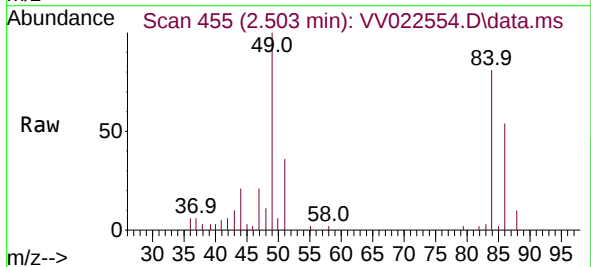
Instrument :
MSVOA_V
ClientSampleId :
VSTD001231

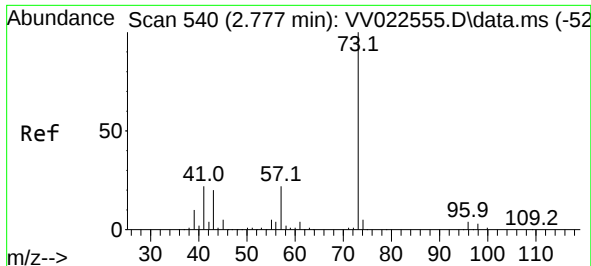
Tgt Ion: 43 Resp: 2021
Ion Ratio Lower Upper
43 100
74 25.5 13.0 19.4#



#16
Methylene chloride
Concen: 0.713 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.003 min
Lab File: VV022554.D
Acq: 04 Oct 2021 13:54

Tgt Ion: 84 Resp: 7459
Ion Ratio Lower Upper
84 100
86 67.1 44.0 81.8
49 123.4 85.9 159.5

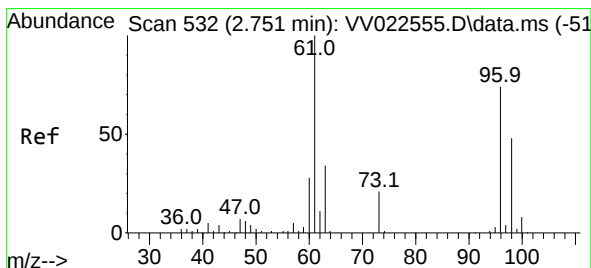
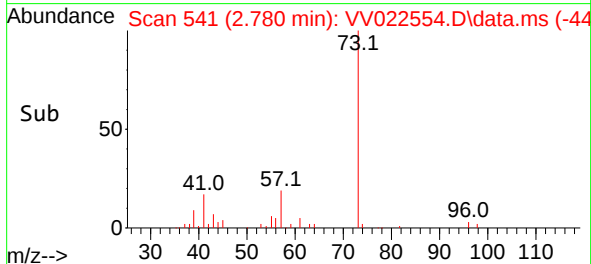
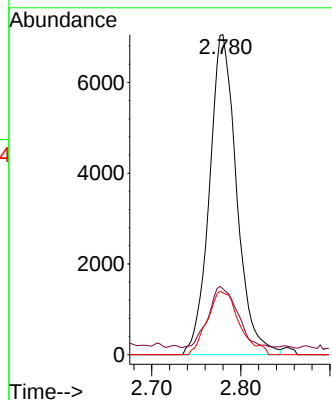
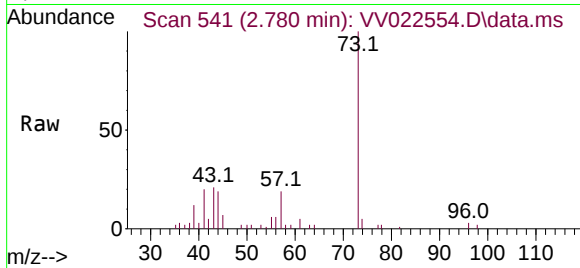




#17
Methyl tert-butyl Ether
Concen: 0.912 ug/L
RT: 2.780 min Scan# 541
Delta R.T. 0.003 min
Lab File: VV022554.D
Acq: 04 Oct 2021 13:54

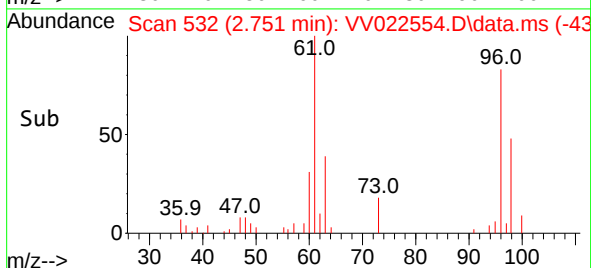
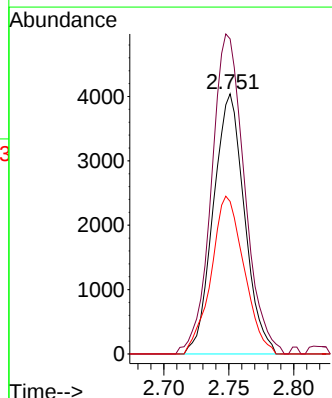
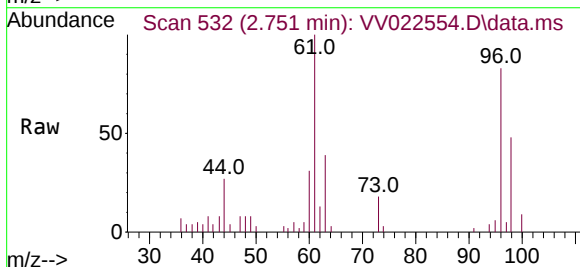
Instrument :
MSVOA_V
ClientSampleId :
VSTD001231

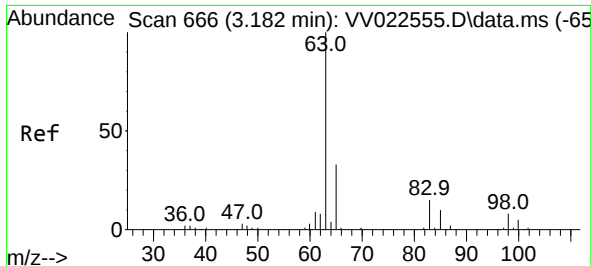
Tgt Ion: 73	Resp: 14966
Ion Ratio	Lower Upper
73 100	
43 20.3	16.3 24.5
57 23.2	17.5 26.3



#18
trans-1,2-Dichloroethene
Concen: 0.918 ug/L
RT: 2.751 min Scan# 532
Delta R.T. 0.000 min
Lab File: VV022554.D
Acq: 04 Oct 2021 13:54

Tgt Ion: 96	Resp: 6736
Ion Ratio	Lower Upper
96 100	
61 121.1	94.0 174.6
98 58.6	44.9 83.3





#19

1,1-Dichloroethane

Concen: 0.948 ug/L

RT: 3.179 min Scan# 665

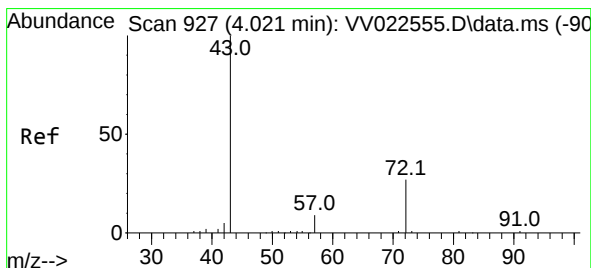
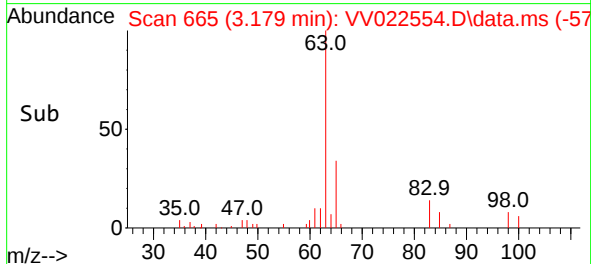
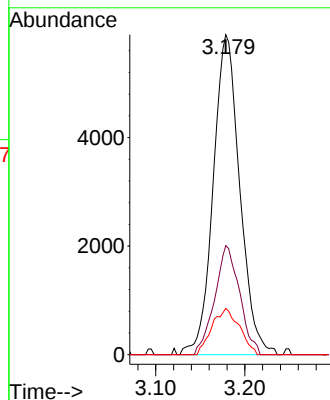
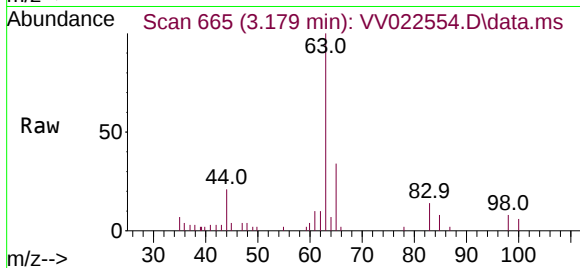
Delta R.T. -0.003 min

Lab File: VV022554.D

Acq: 04 Oct 2021 13:54

Tgt Ion: 63 Resp: 12215

Ion	Ratio	Lower	Upper
63	100		
65	34.1	22.8	42.4
83	14.4	10.2	19.0



#21

2-Butanone

Concen: 7.121 ug/L

RT: 4.060 min Scan# 939

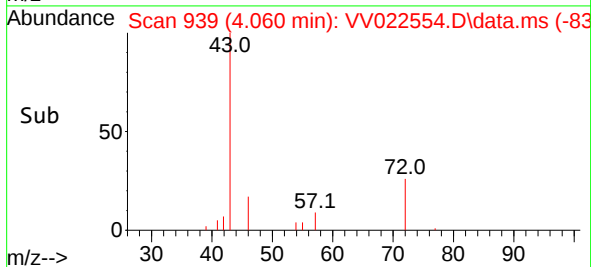
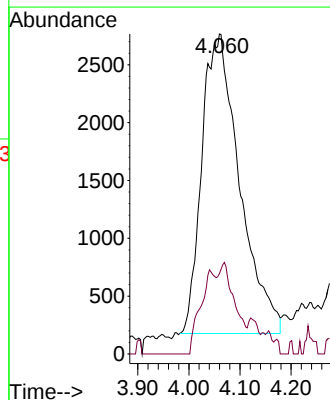
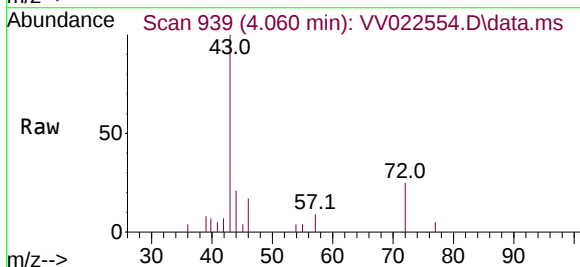
Delta R.T. 0.039 min

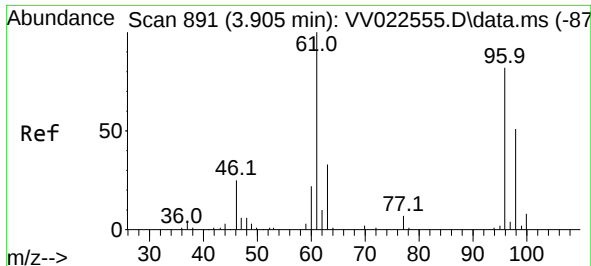
Lab File: VV022554.D

Acq: 04 Oct 2021 13:54

Tgt Ion: 43 Resp: 13270

Ion	Ratio	Lower	Upper
43	100		
72	10.4	12.7	38.1#

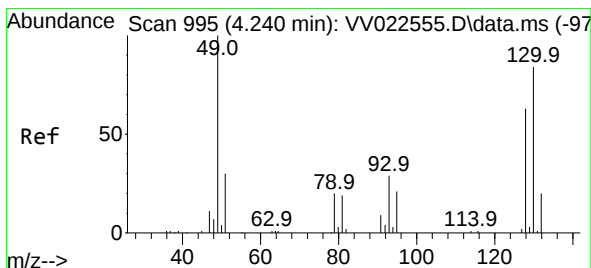
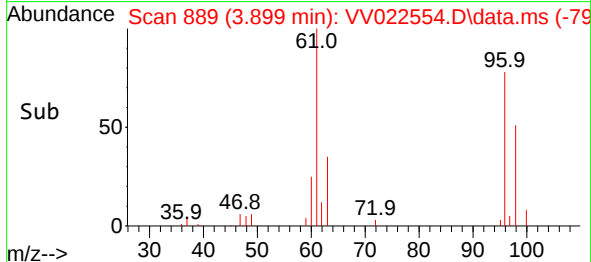
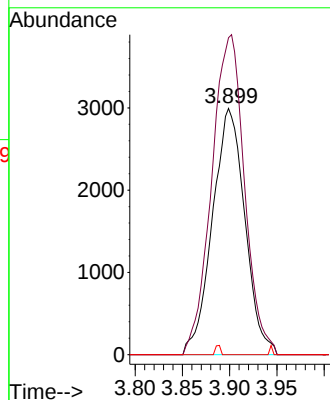
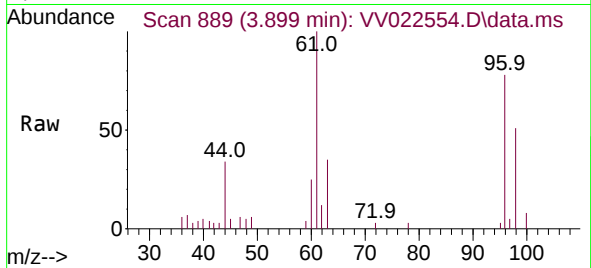




#22
cis-1,2-Dichloroethene
Concen: 0.967 ug/L
RT: 3.899 min Scan# 889
Delta R.T. -0.006 min
Lab File: VV022554.D
Acq: 04 Oct 2021 13:54

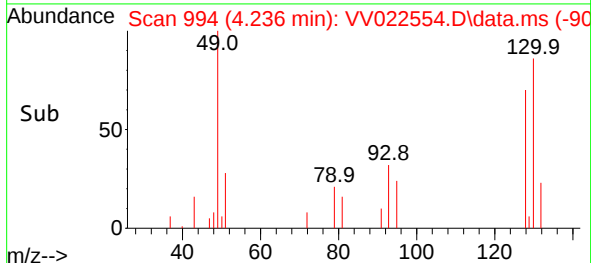
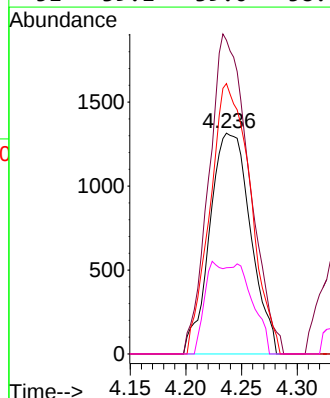
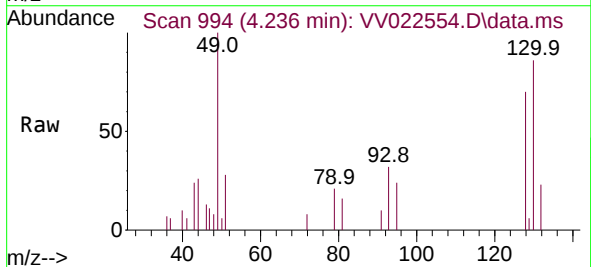
Instrument :
MSVOA_V
ClientSampleId :
VSTD001231

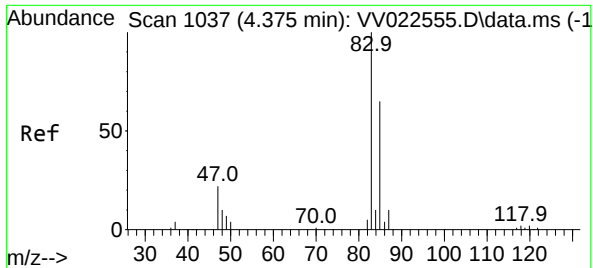
Tgt Ion: 96 Resp: 7146
Ion Ratio Lower Upper
96 100
61 128.7 85.6 159.0
68 0.0 0.0 0.0



#23
Bromochloromethane
Concen: 0.979 ug/L
RT: 4.236 min Scan# 994
Delta R.T. -0.003 min
Lab File: VV022554.D
Acq: 04 Oct 2021 13:54

Tgt Ion: 128 Resp: 3352
Ion Ratio Lower Upper
128 100
49 142.1 110.7 205.5
130 122.5 93.2 173.2
51 39.1 39.0 58.6

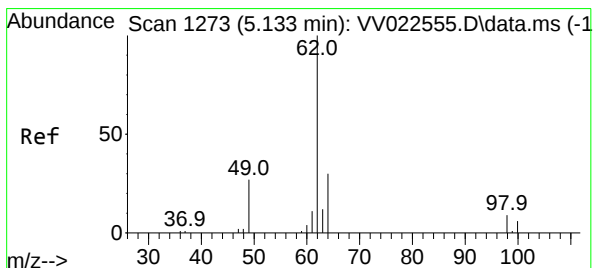
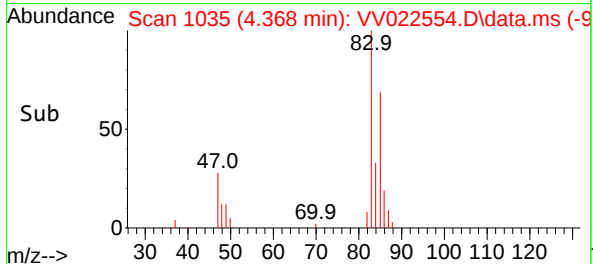
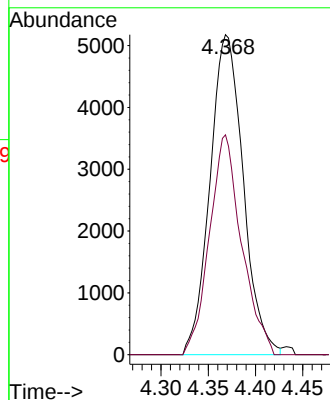
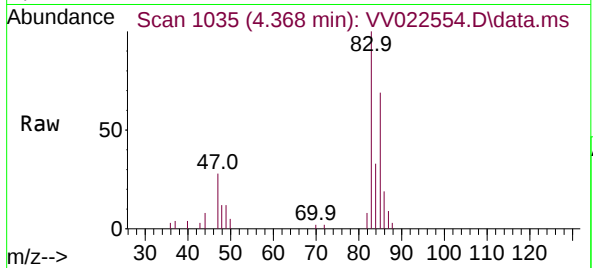




#25
Chloroform
Concen: 0.942 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VV022554.D
Acq: 04 Oct 2021 13:54

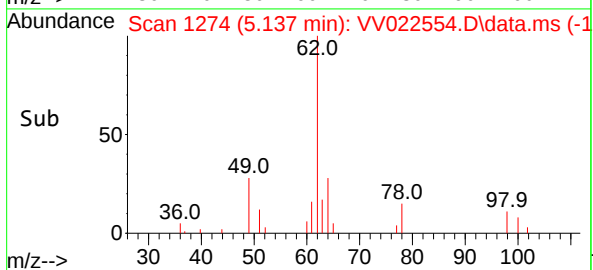
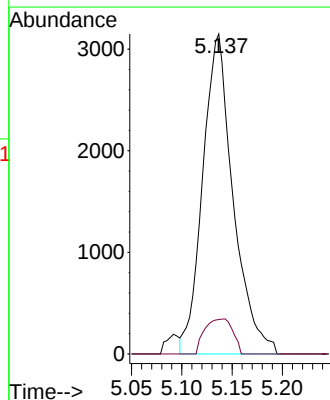
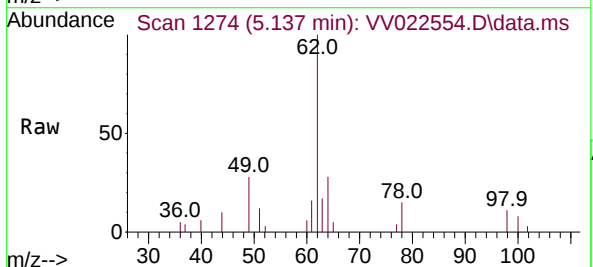
Instrument :
MSVOA_V
ClientSampleId :
VSTD001231

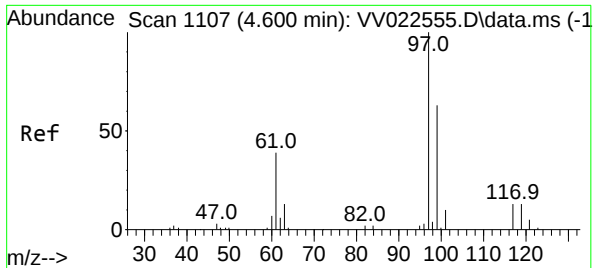
Tgt Ion: 83 Resp: 12661
Ion Ratio Lower Upper
83 100
85 68.7 45.6 84.8



#27
1,2-Dichloroethane
Concen: 0.869 ug/L
RT: 5.137 min Scan# 1274
Delta R.T. 0.003 min
Lab File: VV022554.D
Acq: 04 Oct 2021 13:54

Tgt Ion: 62 Resp: 6632
Ion Ratio Lower Upper
62 100
98 10.8 7.4 11.2



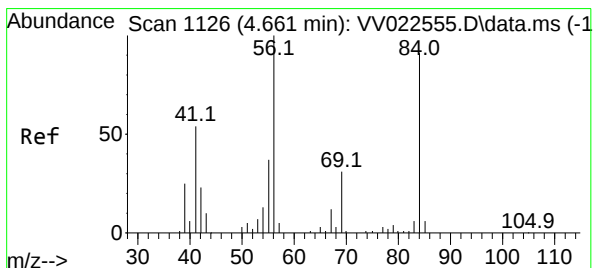
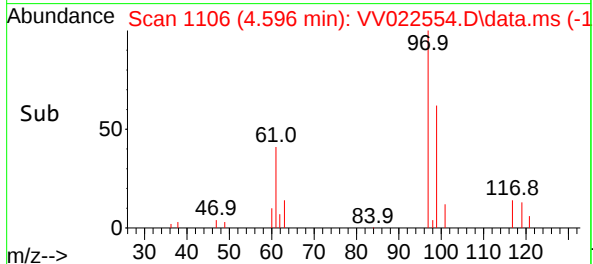
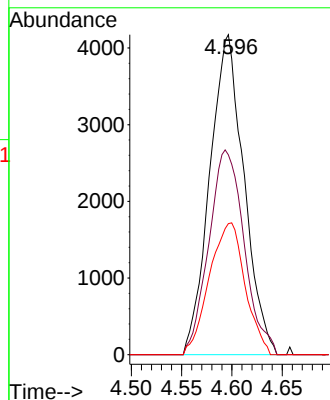
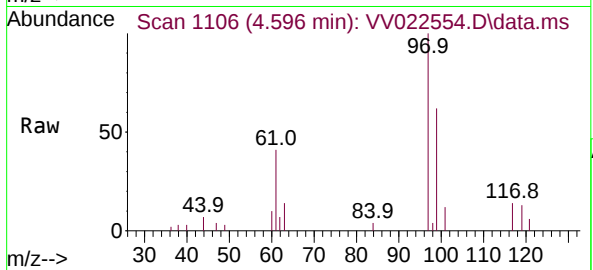


#29

1,1,1-Trichloroethane
Concen: 0.897 ug/L
RT: 4.596 min Scan# 1106
Delta R.T. -0.003 min
Lab File: VV022554.D
Acq: 04 Oct 2021 13:54

Instrument :
MSVOA_V
ClientSampleId :
VSTD001231

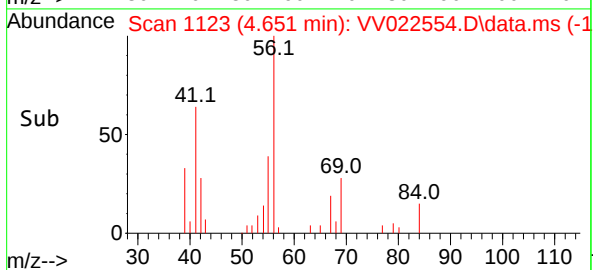
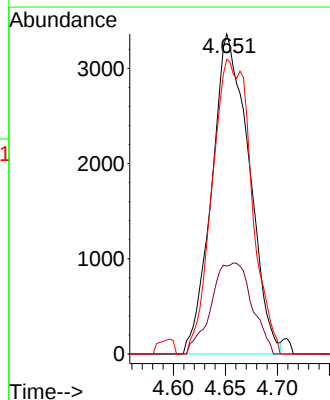
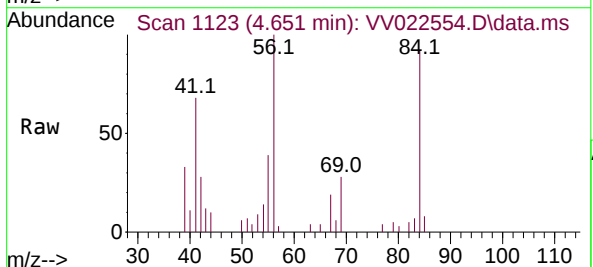
Tgt Ion: 97	Resp: 9866
Ion Ratio	Lower Upper
97 100	
99 66.3	49.8 74.6
61 43.1	32.5 48.7

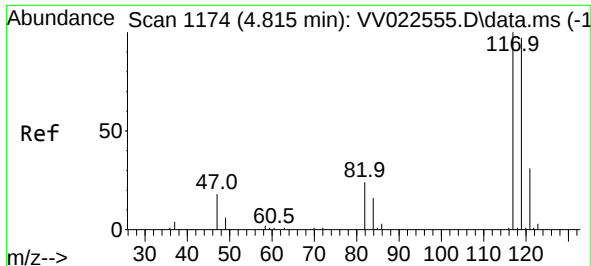


#30

Cyclohexane
Concen: 0.787 ug/L
RT: 4.651 min Scan# 1123
Delta R.T. -0.010 min
Lab File: VV022554.D
Acq: 04 Oct 2021 13:54

Tgt Ion: 56	Resp: 8370
Ion Ratio	Lower Upper
56 100	
69 31.0	25.7 38.5
84 96.7	75.8 113.8

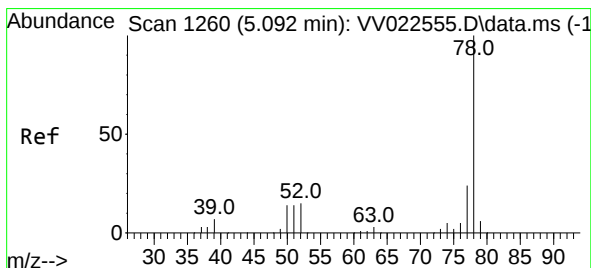
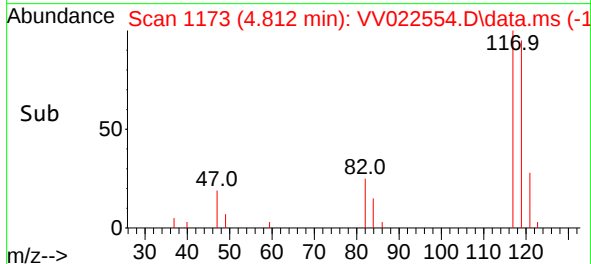
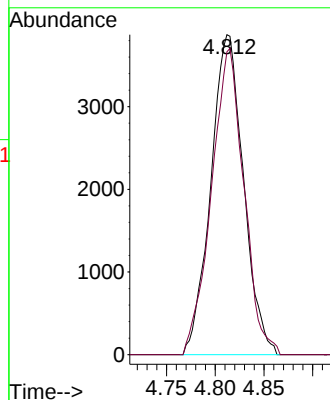
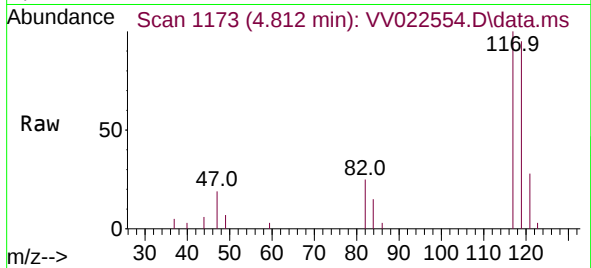




#31
Carbon tetrachloride
Concen: 0.969 ug/L
RT: 4.812 min Scan# 1173
Delta R.T. -0.003 min
Lab File: VV022554.D
Acq: 04 Oct 2021 13:54

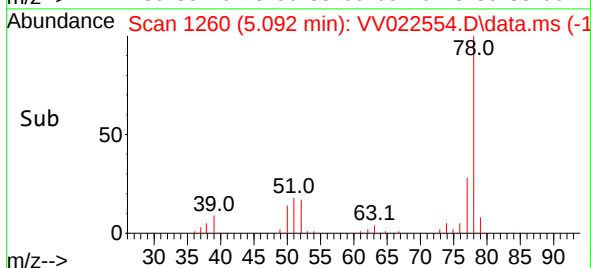
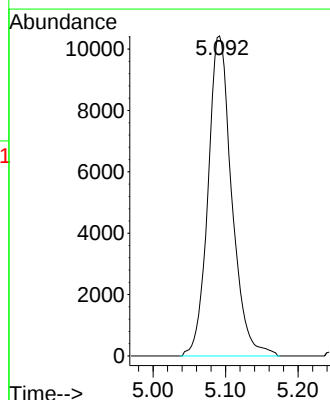
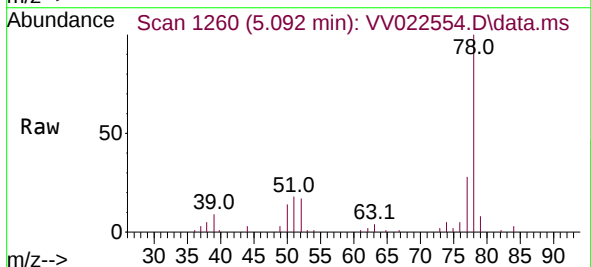
Instrument :
MSVOA_V
ClientSampleId :
VSTD001231

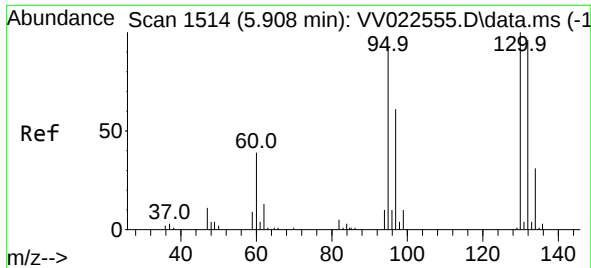
Tgt Ion:117 Resp: 9041
Ion Ratio Lower Upper
117 100
119 94.8 76.9 115.3



#33
Benzene
Concen: 0.875 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VV022554.D
Acq: 04 Oct 2021 13:54

Tgt Ion: 78 Resp: 23751



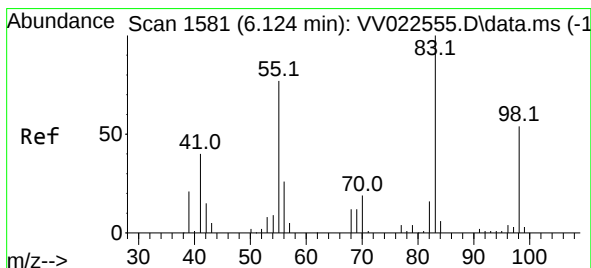
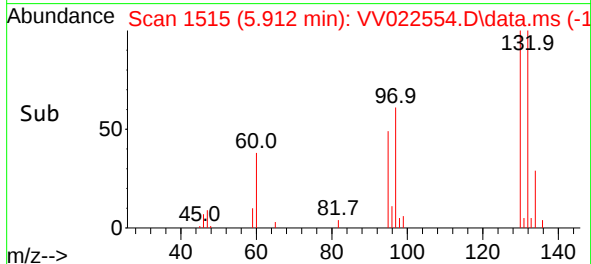
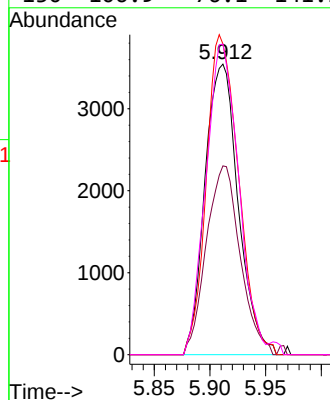
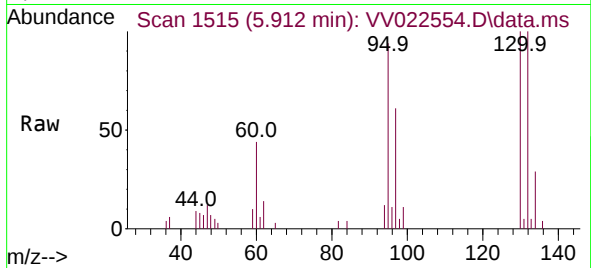


#34
Trichloroethene
Concen: 1.054 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV022554.D
Acq: 04 Oct 2021 13:54

Instrument :
MSVOA_V
ClientSampleId :
VSTD001231

Tgt Ion: 95 Resp: 7377

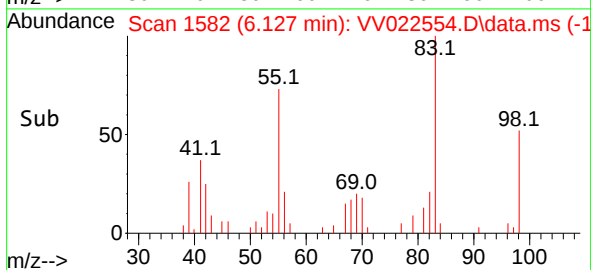
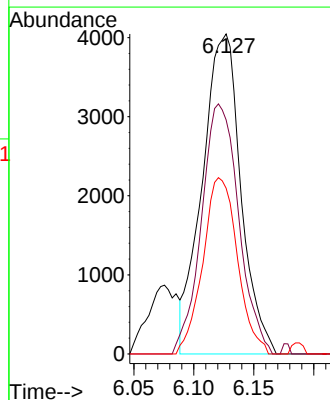
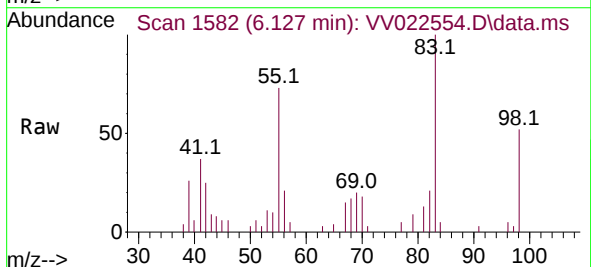
Ion	Ratio	Lower	Upper
95	100		
97	65.0	46.5	86.5
132	106.9	73.0	135.6
130	106.9	76.1	141.3

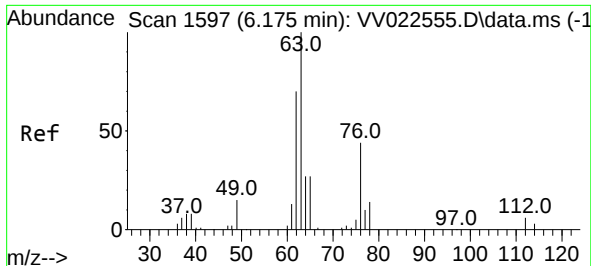


#35
Methylcyclohexane
Concen: 0.828 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.003 min
Lab File: VV022554.D
Acq: 04 Oct 2021 13:54

Tgt Ion: 83 Resp: 9074

Ion	Ratio	Lower	Upper
83	100		
55	75.3	57.8	86.8
98	49.3	39.8	59.8





#37

1,2-Dichloropropane

Concen: 0.855 ug/L

RT: 6.178 min Scan# 1598

Delta R.T. 0.003 min

Lab File: VV022554.D

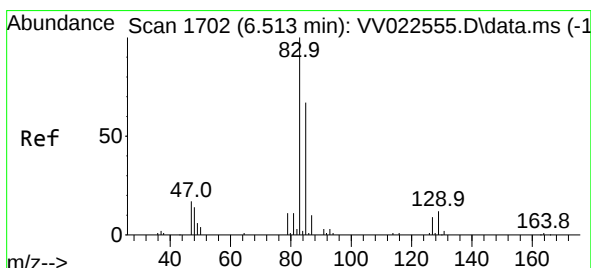
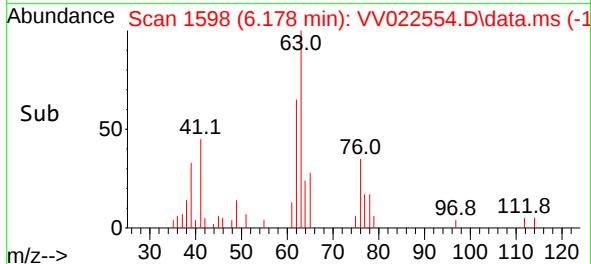
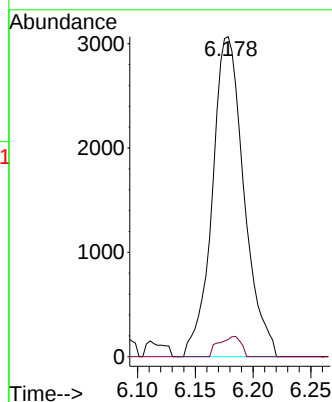
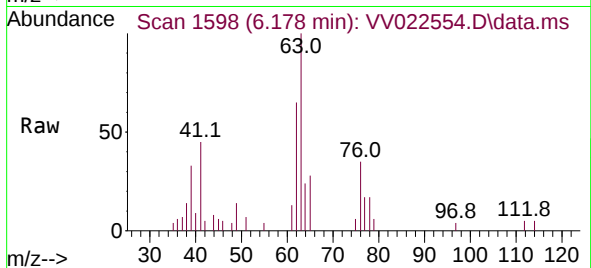
Acq: 04 Oct 2021 13:54

Tgt Ion: 63 Resp: 5847

Ion Ratio Lower Upper

63 100

112 4.4 4.3 6.5



#38

Bromodichloromethane

Concen: 0.868 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. 0.000 min

Lab File: VV022554.D

Acq: 04 Oct 2021 13:54

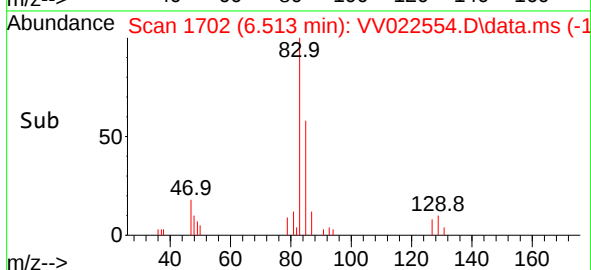
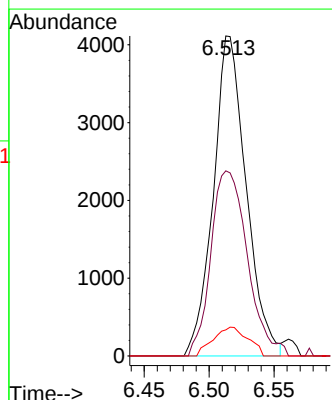
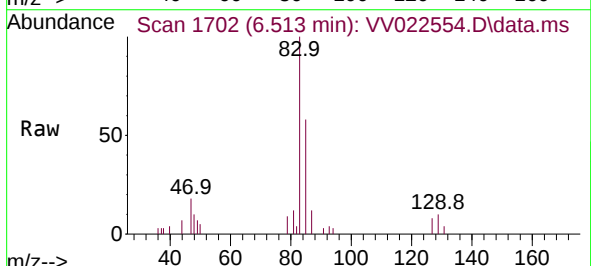
Tgt Ion: 83 Resp: 7236

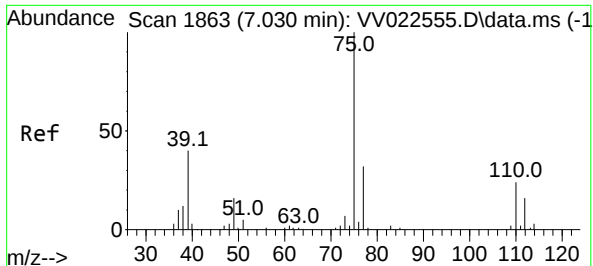
Ion Ratio Lower Upper

83 100

85 57.9 47.2 87.6

127 8.2 7.4 11.2

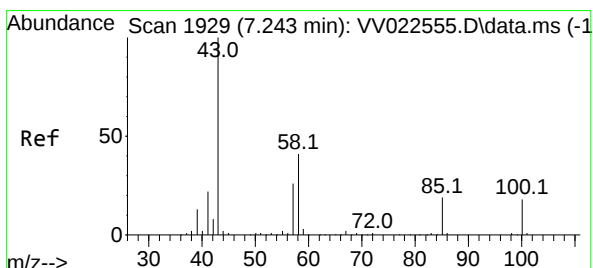
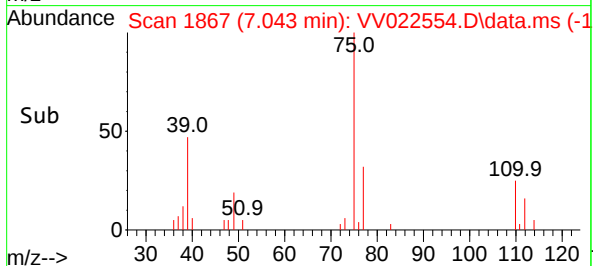
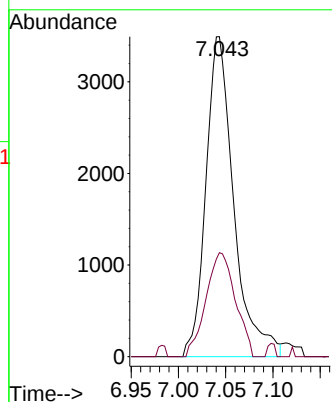
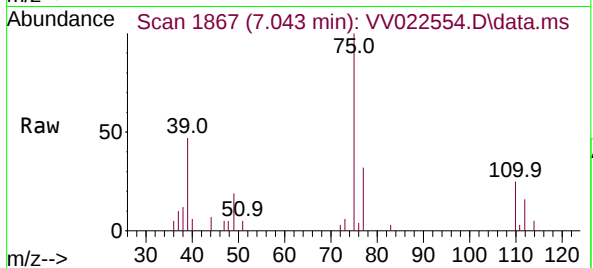




#39
 cis-1,3-Dichloropropene
 Concen: 0.795 ug/L
 RT: 7.043 min Scan# 1867
 Delta R.T. 0.013 min
 Lab File: VV022554.D
 Acq: 04 Oct 2021 13:54

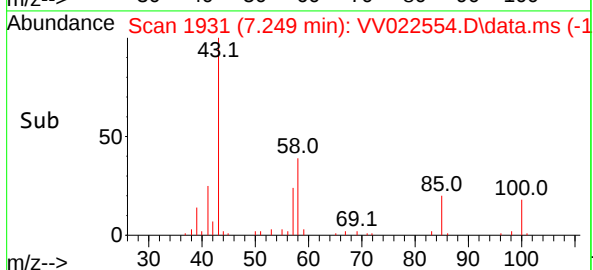
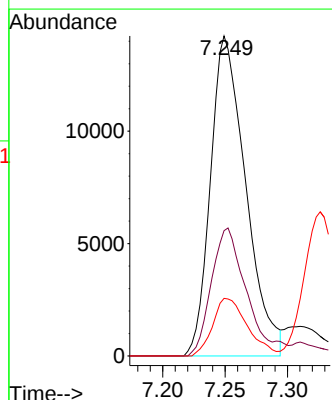
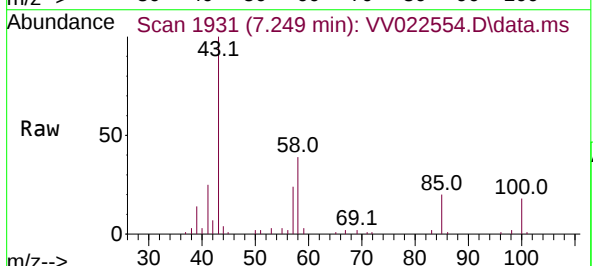
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001231

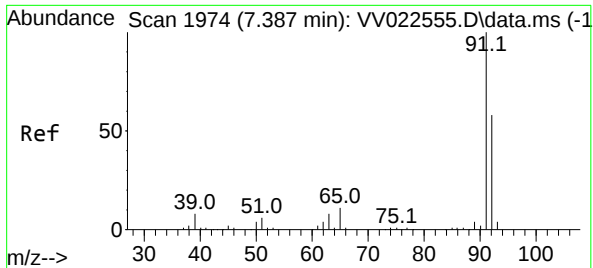
Tgt Ion: 75 Resp: 7169
 Ion Ratio Lower Upper
 75 100
 77 32.5 22.4 41.6



#40
 4-Methyl-2-pentanone
 Concen: 6.618 ug/L
 RT: 7.249 min Scan# 1931
 Delta R.T. 0.007 min
 Lab File: VV022554.D
 Acq: 04 Oct 2021 13:54

Tgt Ion: 43 Resp: 27990
 Ion Ratio Lower Upper
 43 100
 58 40.2 32.3 48.5
 100 17.7 13.8 20.6

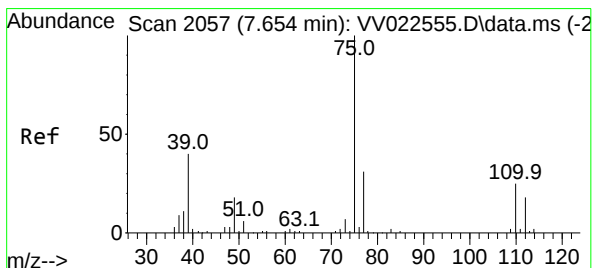
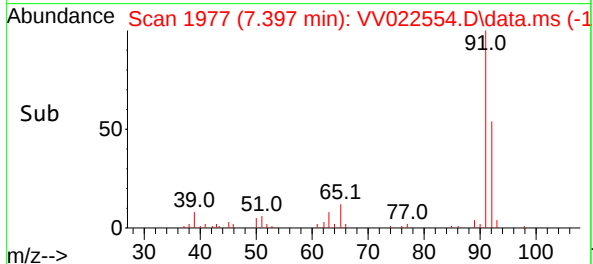
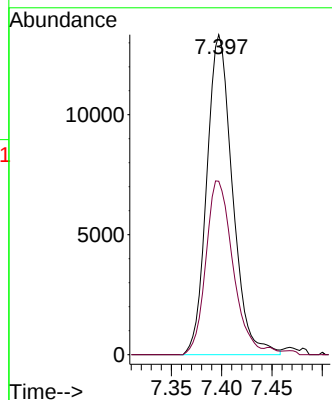
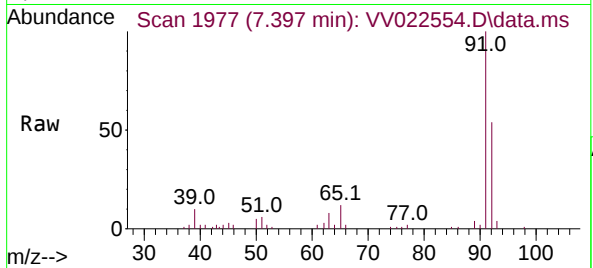




#42
Toluene
Concen: 0.830 ug/L
RT: 7.397 min Scan# 1977
Delta R.T. 0.010 min
Lab File: VV022554.D
Acq: 04 Oct 2021 13:54

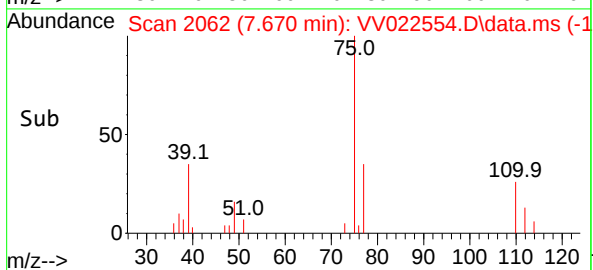
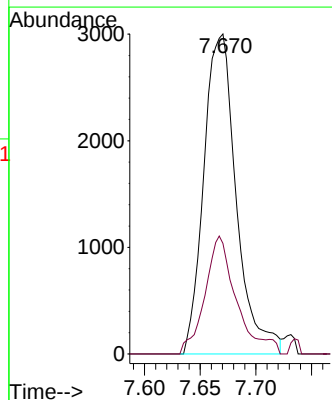
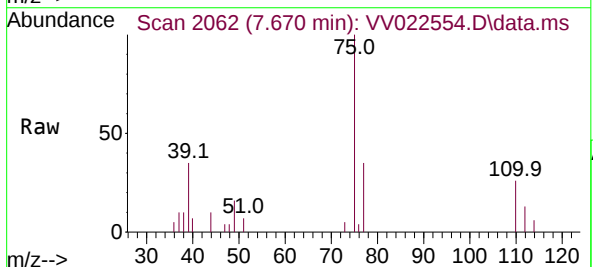
Instrument :
MSVOA_V
ClientSampleId :
VSTD001231

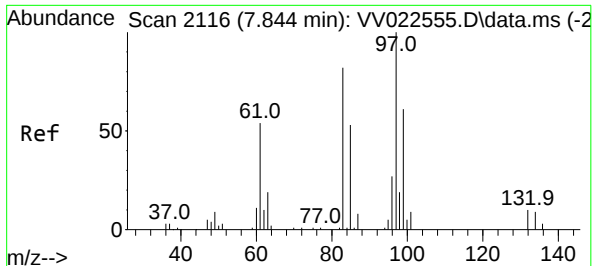
Tgt Ion: 91 Resp: 23734
Ion Ratio Lower Upper
91 100
92 54.2 40.5 75.3



#44
trans-1,3-Dichloropropene
Concen: 0.799 ug/L
RT: 7.670 min Scan# 2062
Delta R.T. 0.016 min
Lab File: VV022554.D
Acq: 04 Oct 2021 13:54

Tgt Ion: 75 Resp: 6100
Ion Ratio Lower Upper
75 100
77 34.6 21.8 40.6



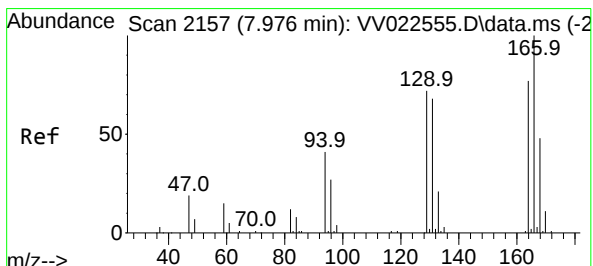
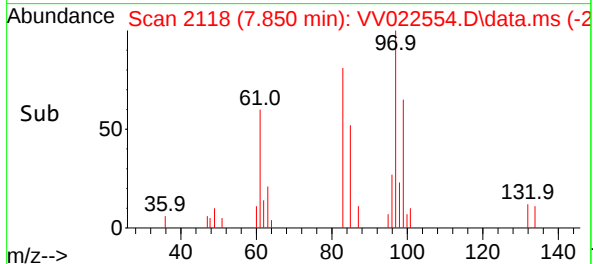
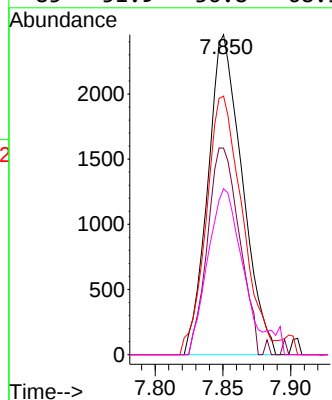
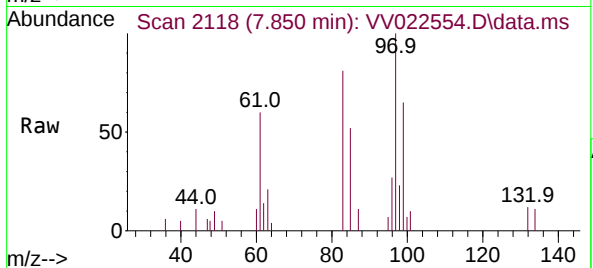


#45

1,1,2-Trichloroethane
Concen: 0.845 ug/L
RT: 7.850 min Scan# 2118
Delta R.T. 0.007 min
Lab File: VV022554.D
Acq: 04 Oct 2021 13:54

Instrument :
MSVOA_V
ClientSampleId :
VSTD001231

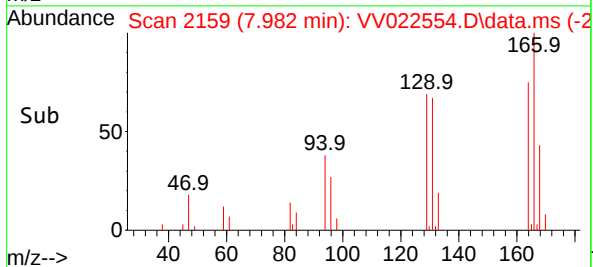
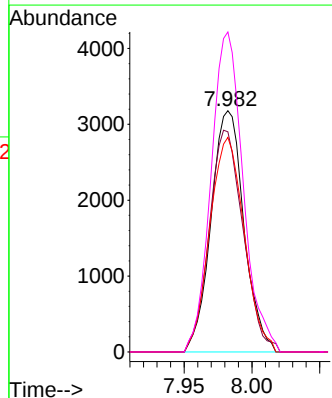
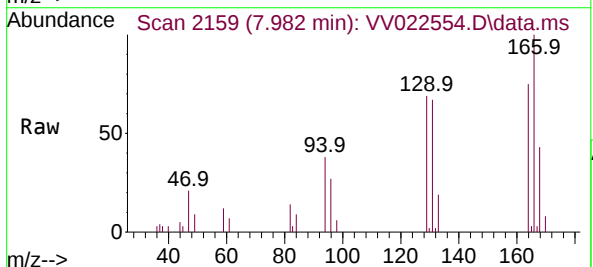
Tgt Ion:	97	Resp:	4328
Ion	Ratio	Lower	Upper
97	100		
99	64.6	42.6	79.0
83	80.8	57.7	107.1
85	51.9	36.8	68.3

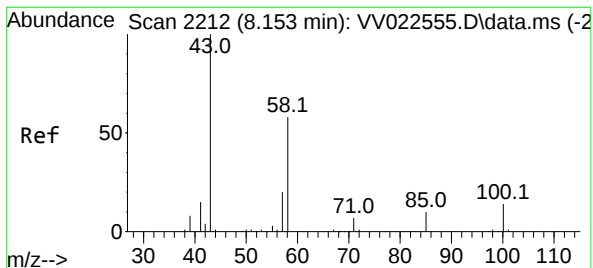


#47

Tetrachloroethene
Concen: 0.913 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. 0.007 min
Lab File: VV022554.D
Acq: 04 Oct 2021 13:54

Tgt Ion:	164	Resp:	5355
Ion	Ratio	Lower	Upper
164	100		
129	91.2	65.5	121.6
131	88.9	62.4	116.0
166	132.6	91.1	169.3





#48

2-Hexanone

Concen: 7.626 ug/L

RT: 8.159 min Scan# 2214

Delta R.T. 0.007 min

Lab File: VV022554.D

Acq: 04 Oct 2021 13:54

Tgt Ion: 43 Resp: 22618

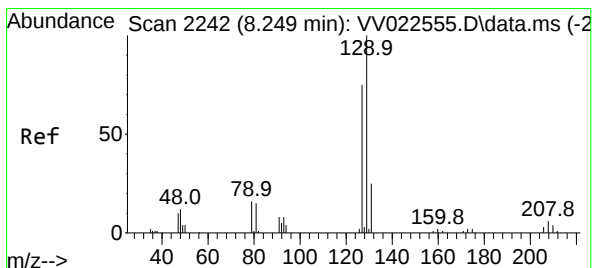
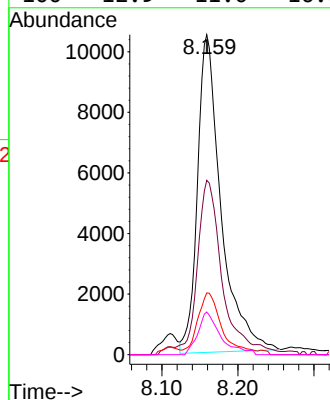
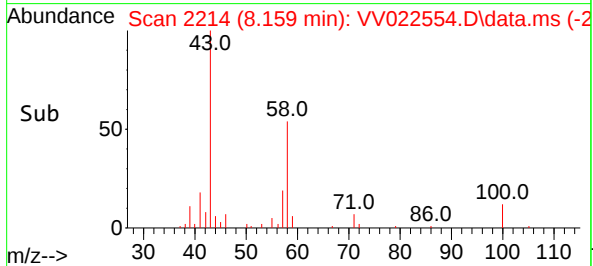
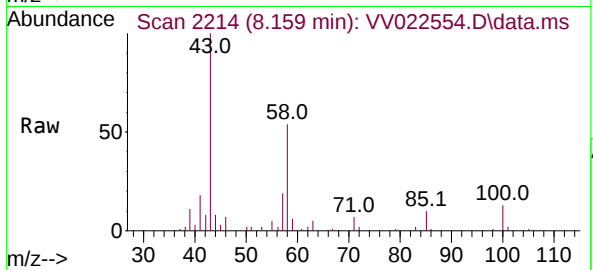
Ion Ratio Lower Upper

43 100

58 55.6 46.4 69.6

57 20.0 16.3 24.5

100 12.9 11.0 16.6



#49

Dibromochloromethane

Concen: 0.849 ug/L

RT: 8.252 min Scan# 2243

Delta R.T. 0.003 min

Lab File: VV022554.D

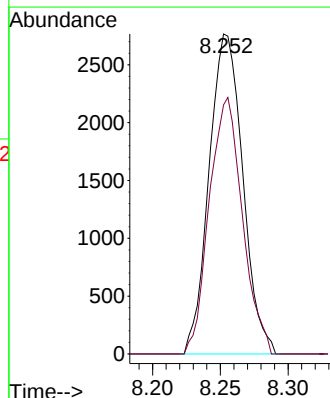
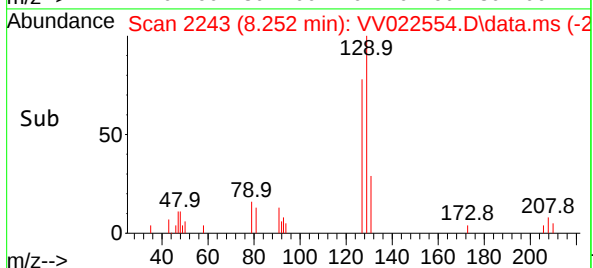
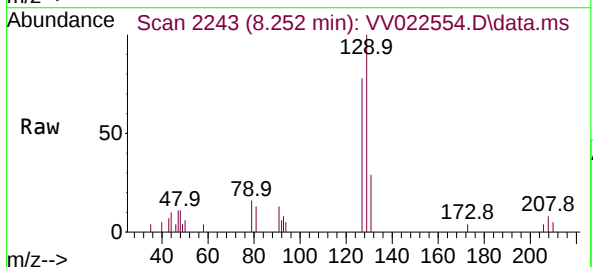
Acq: 04 Oct 2021 13:54

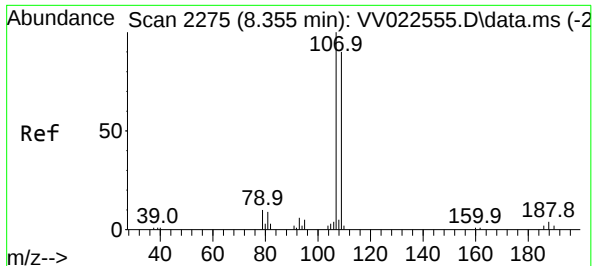
Tgt Ion: 129 Resp: 4788

Ion Ratio Lower Upper

129 100

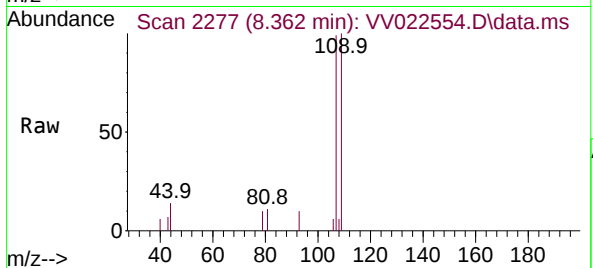
127 77.8 52.6 97.6



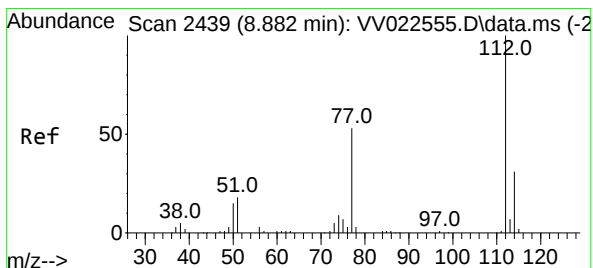
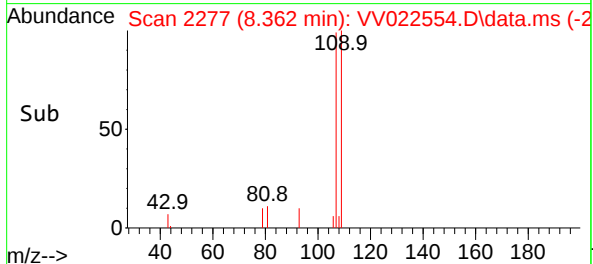
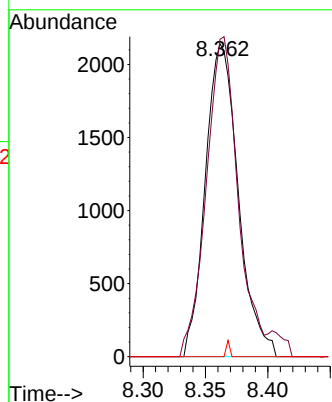


#50
1,2-Dibromoethane
Concen: 0.827 ug/L
RT: 8.362 min Scan# 2277
Delta R.T. 0.007 min
Lab File: VV022554.D
Acq: 04 Oct 2021 13:54

Instrument :
MSVOA_V
ClientSampleId :
VSTD001231

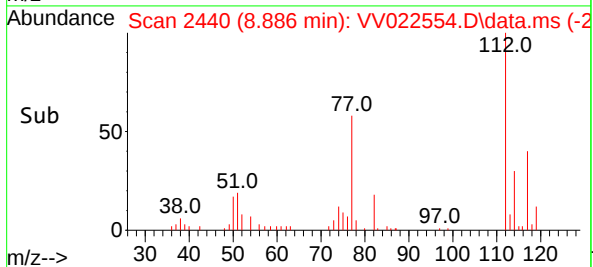
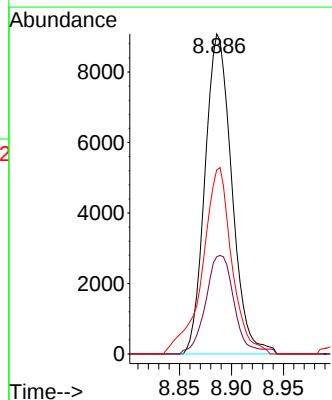
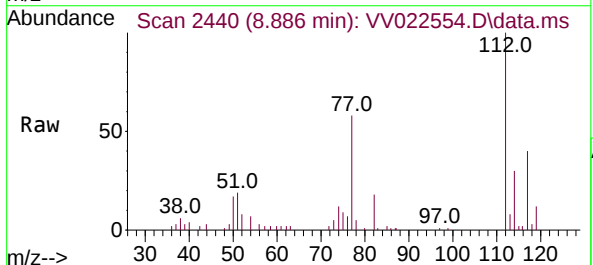


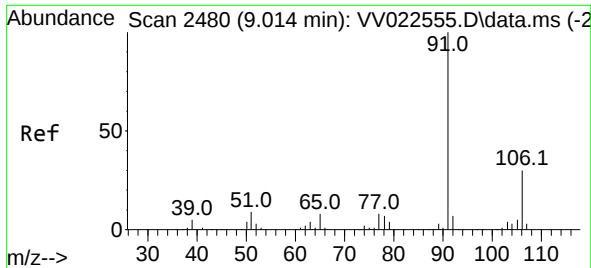
Tgt Ion:107 Resp: 3938
Ion Ratio Lower Upper
107 100
109 101.4 63.2 117.4
188 0.0 3.4 5.2#



#51
Chlorobenzene
Concen: 0.864 ug/L
RT: 8.886 min Scan# 2440
Delta R.T. 0.003 min
Lab File: VV022554.D
Acq: 04 Oct 2021 13:54

Tgt Ion:112 Resp: 16282
Ion Ratio Lower Upper
112 100
114 30.4 21.6 40.2
77 57.5 42.8 64.2

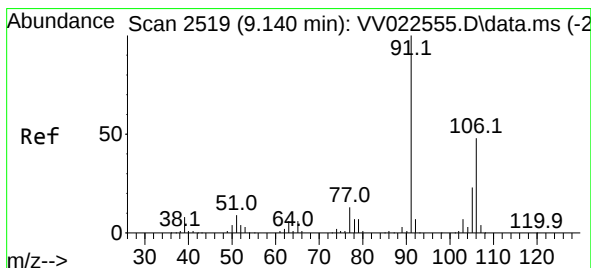
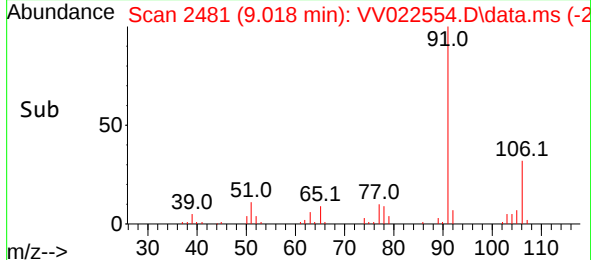
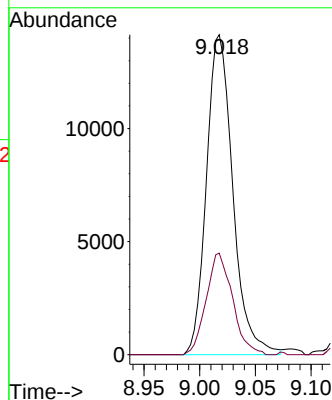
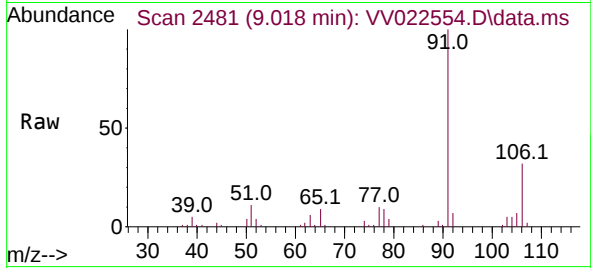




#52
Ethylbenzene
Concen: 0.784 ug/L
RT: 9.018 min Scan# 2481
Delta R.T. 0.003 min
Lab File: VV022554.D
Acq: 04 Oct 2021 13:54

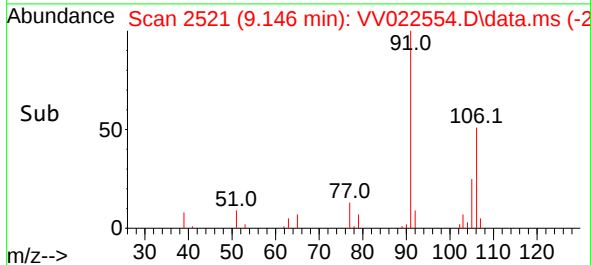
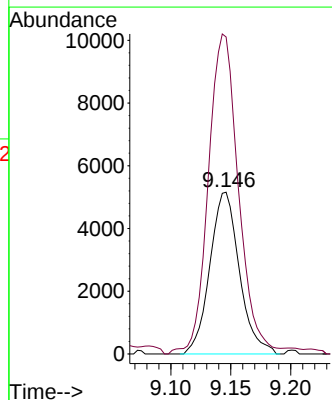
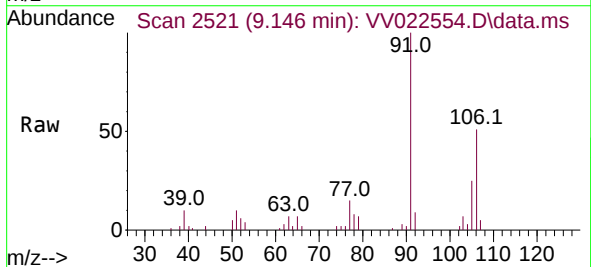
Instrument :
MSVOA_V
ClientSampleId :
VSTD001231

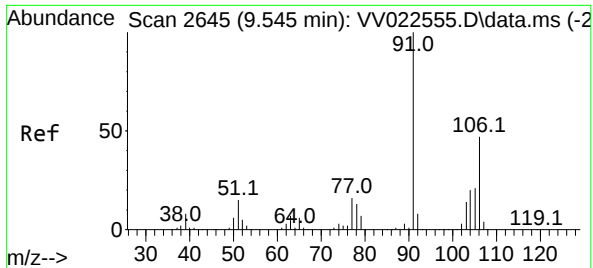
Tgt Ion: 91 Resp: 23327
Ion Ratio Lower Upper
91 100
106 31.7 21.3 39.6



#53
m,p-xylene
Concen: 0.771 ug/L
RT: 9.146 min Scan# 2521
Delta R.T. 0.007 min
Lab File: VV022554.D
Acq: 04 Oct 2021 13:54

Tgt Ion: 106 Resp: 8825
Ion Ratio Lower Upper
106 100
91 196.1 144.8 269.0

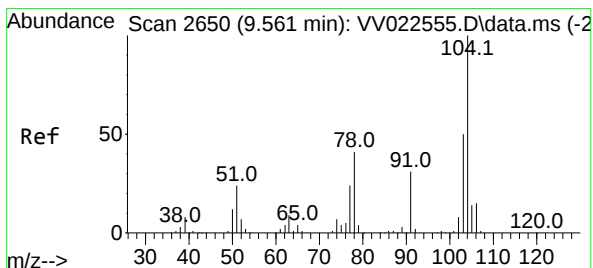
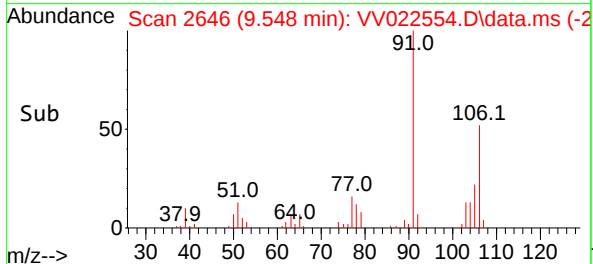
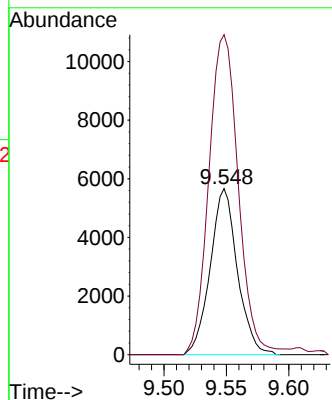
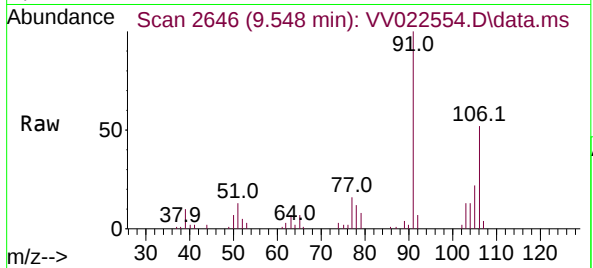




#54
o-xylene
Concen: 0.770 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.003 min
Lab File: VV022554.D
Acq: 04 Oct 2021 13:54

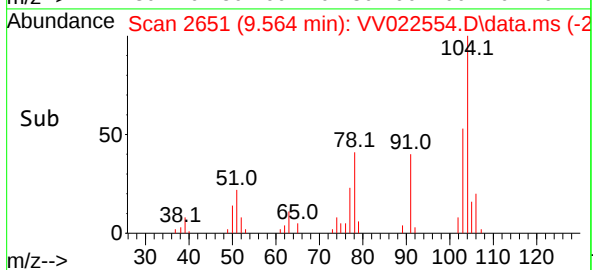
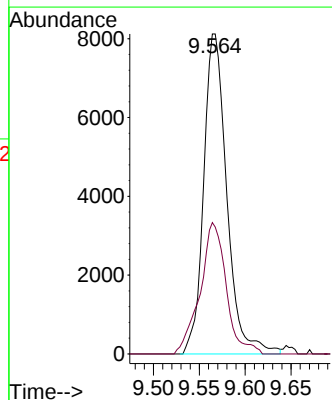
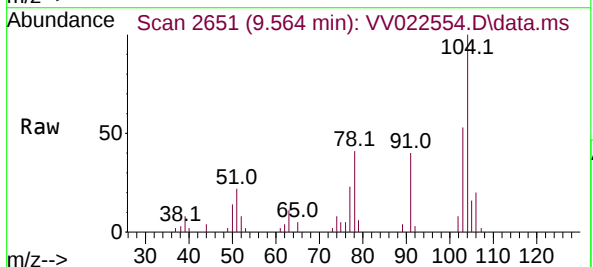
Instrument :
MSVOA_V
ClientSampleId :
VSTD001231

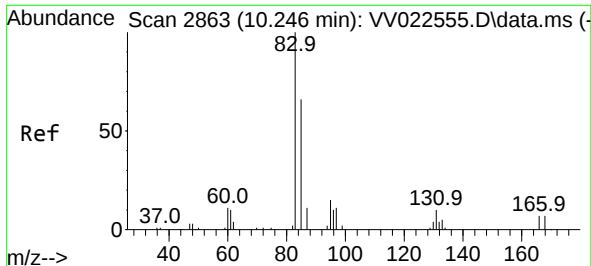
Tgt Ion:106 Resp: 8598
Ion Ratio Lower Upper
106 100
91 192.7 148.8 276.4



#55
Styrene
Concen: 0.761 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.003 min
Lab File: VV022554.D
Acq: 04 Oct 2021 13:54

Tgt Ion:104 Resp: 14273
Ion Ratio Lower Upper
104 100
78 41.1 28.7 53.3

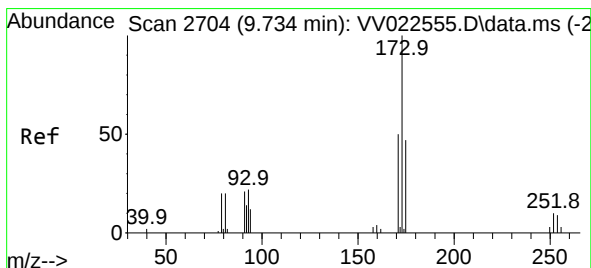
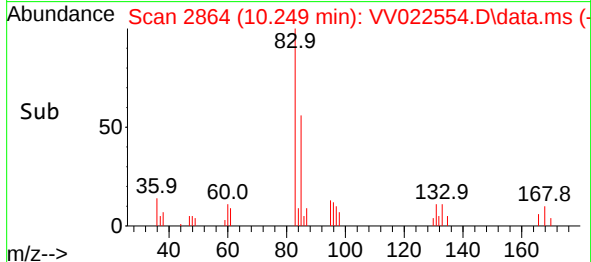
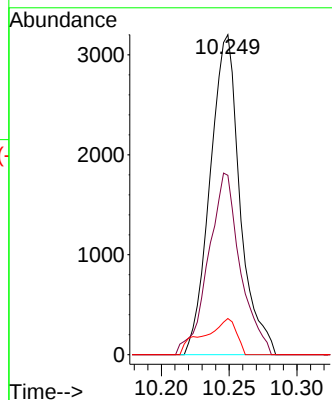
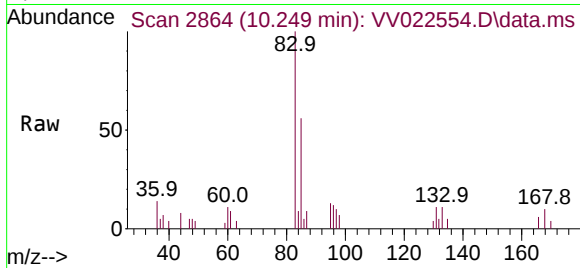




#57
1,1,2,2-Tetrachloroethane
Concen: 0.796 ug/L
RT: 10.249 min Scan# 2864
Delta R.T. 0.003 min
Lab File: VV022554.D
Acq: 04 Oct 2021 13:54

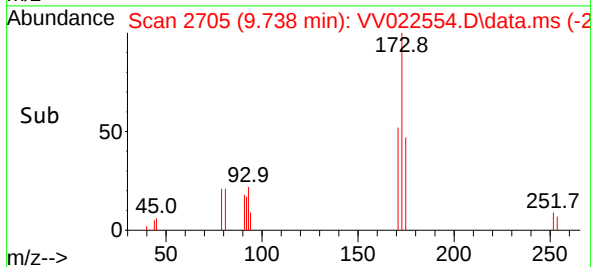
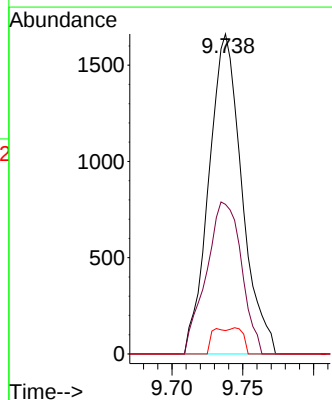
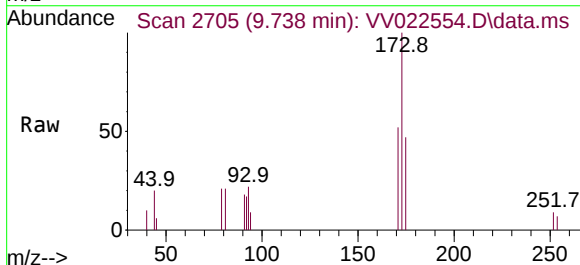
Instrument :
MSVOA_V
ClientSampleId :
VSTD001231

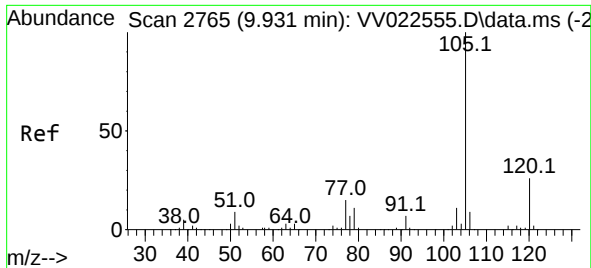
Tgt Ion:	83	Resp:	4921
Ion	Ratio	Lower	Upper
83	100		
85	56.1	46.5	86.3
131	11.3	8.6	13.0



#59
Bromoform
Concen: 0.897 ug/L
RT: 9.738 min Scan# 2705
Delta R.T. 0.003 min
Lab File: VV022554.D
Acq: 04 Oct 2021 13:54

Tgt Ion:	173	Resp:	2688
Ion	Ratio	Lower	Upper
173	100		
175	50.6	39.0	58.4
254	3.6	7.0	10.4

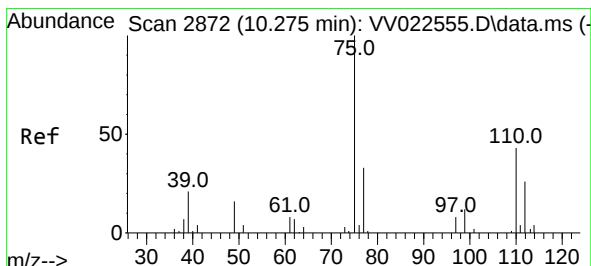
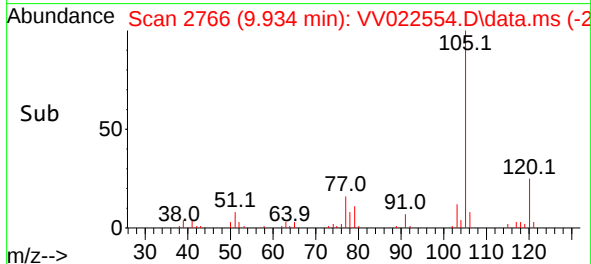
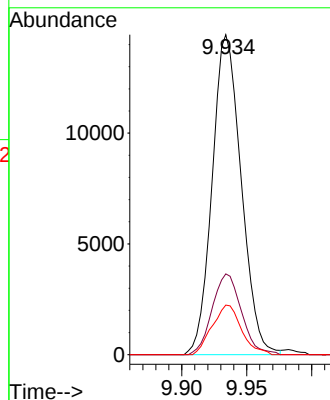
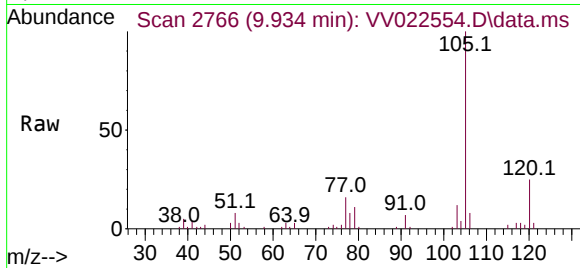




#60
Isopropylbenzene
Concen: 0.765 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.003 min
Lab File: VV022554.D
Acq: 04 Oct 2021 13:54

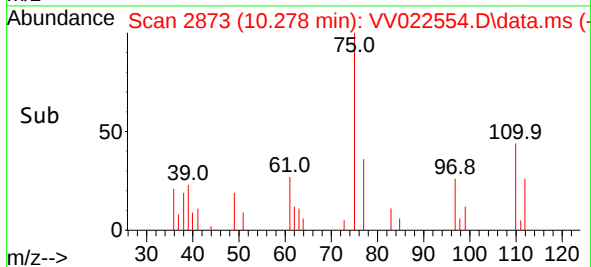
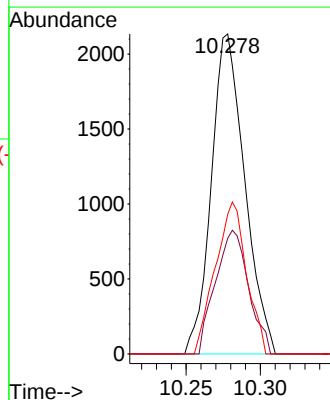
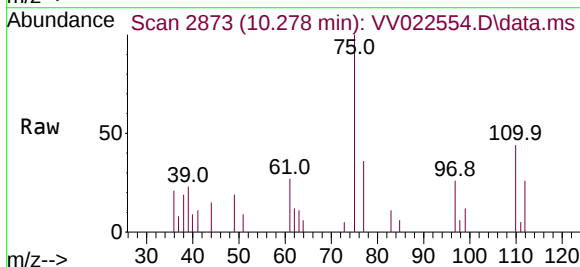
Instrument :
MSVOA_V
ClientSampleId :
VSTD001231

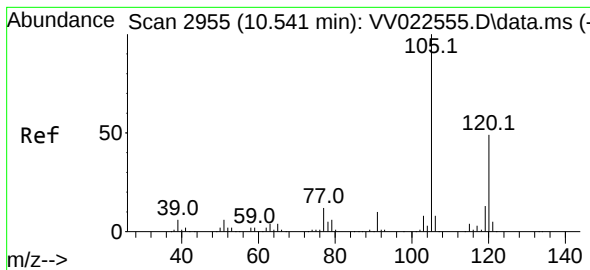
Tgt Ion:	105	Resp:	22430
Ion Ratio	Lower	Upper	
105	100		
120	25.4	21.6	32.4
77	15.6	11.8	17.8



#61
1,2,3-Trichloropropane
Concen: 0.749 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. 0.003 min
Lab File: VV022554.D
Acq: 04 Oct 2021 13:54

Tgt Ion:	75	Resp:	3336
Ion Ratio	Lower	Upper	
75	100		
77	38.4	26.1	39.1
110	44.4	33.0	49.6

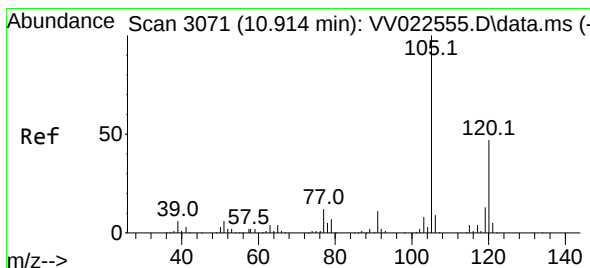
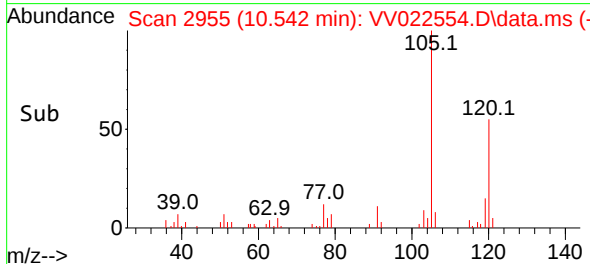
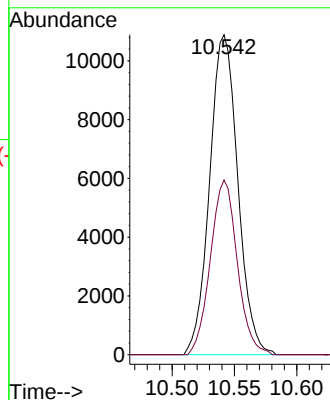
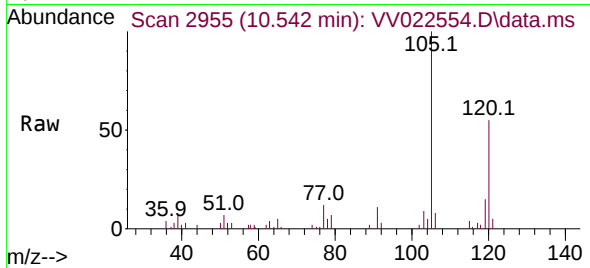




#62
1,3,5-Trimethylbenzene
Concen: 0.717 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.000 min
Lab File: VV022554.D
Acq: 04 Oct 2021 13:54

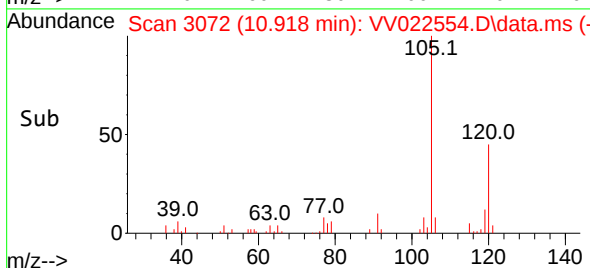
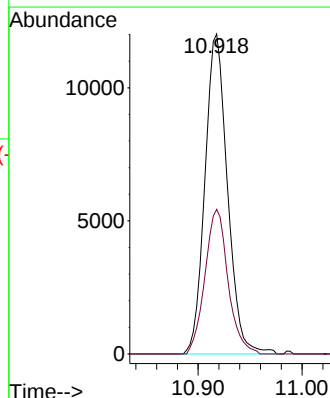
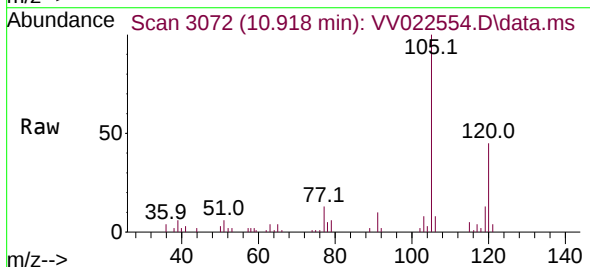
Instrument :
MSVOA_V
ClientSampleId :
VSTD001231

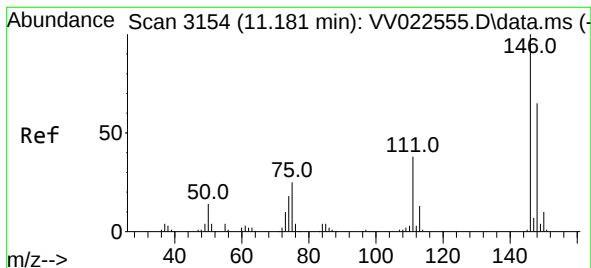
Tgt Ion:105 Resp: 17158
Ion Ratio Lower Upper
105 100
120 52.0 39.7 59.5



#63
1,2,4-Trimethylbenzene
Concen: 0.758 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV022554.D
Acq: 04 Oct 2021 13:54

Tgt Ion:105 Resp: 18093
Ion Ratio Lower Upper
105 100
120 46.4 37.2 55.8

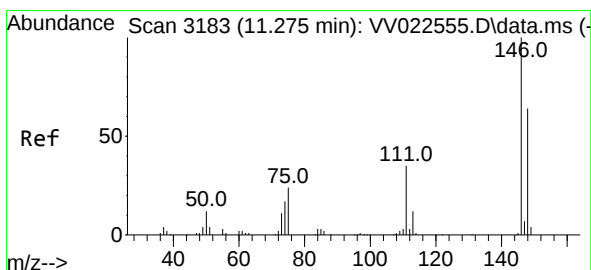
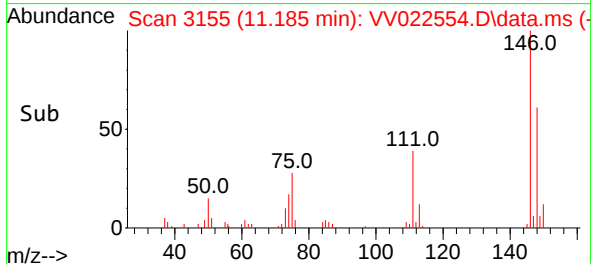
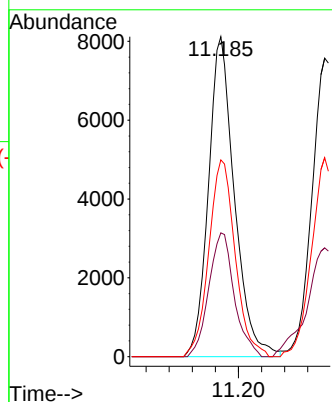
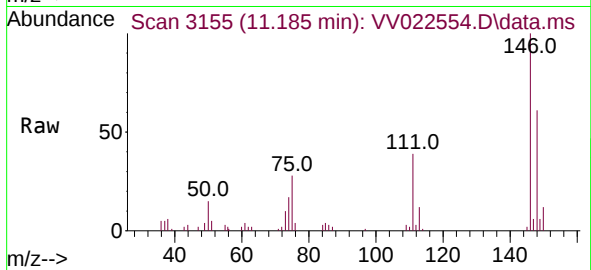




#64
1,3-Dichlorobenzene
Concen: 0.872 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.003 min
Lab File: VV022554.D
Acq: 04 Oct 2021 13:54

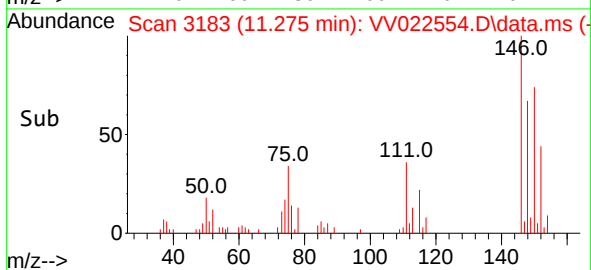
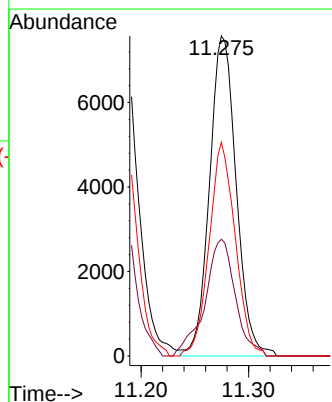
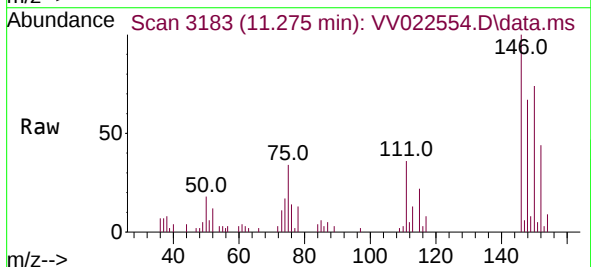
Instrument :
MSVOA_V
ClientSampleId :
VSTD001231

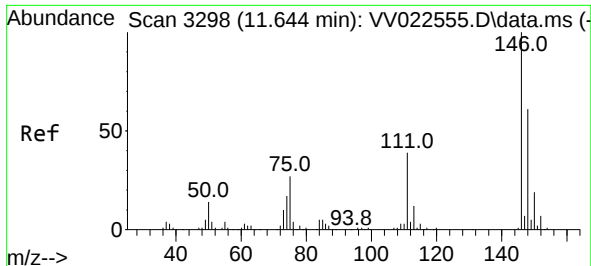
Tgt Ion:146 Resp: 12684
Ion Ratio Lower Upper
146 100
111 38.7 26.8 49.8
148 61.5 45.6 84.8



#65
1,4-Dichlorobenzene
Concen: 0.888 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.000 min
Lab File: VV022554.D
Acq: 04 Oct 2021 13:54

Tgt Ion:146 Resp: 13070
Ion Ratio Lower Upper
146 100
111 36.5 24.5 45.5
148 66.7 45.0 83.6

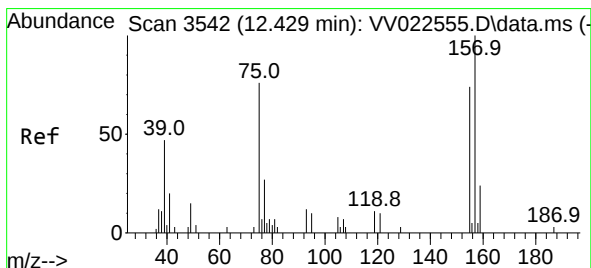
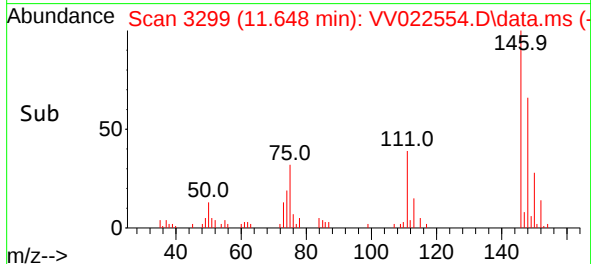
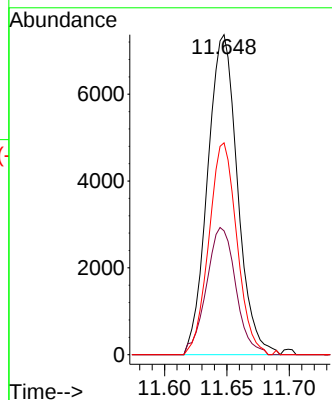
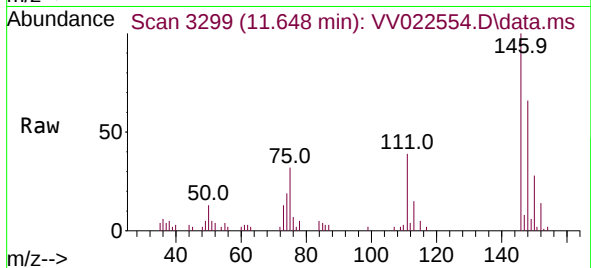




#67
1,2-Dichlorobenzene
Concen: 0.892 ug/L
RT: 11.648 min Scan# 3299
Delta R.T. 0.003 min
Lab File: VV022554.D
Acq: 04 Oct 2021 13:54

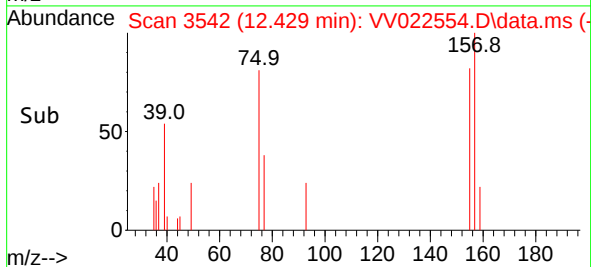
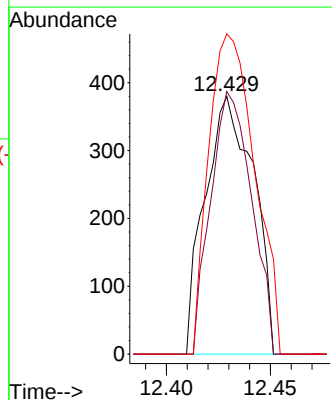
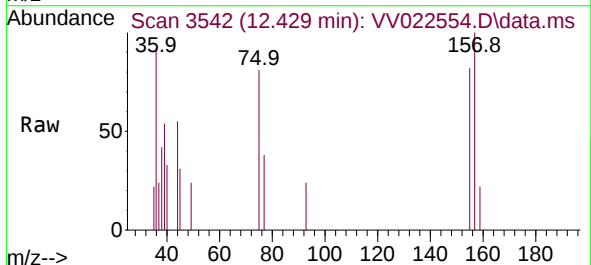
Instrument :
MSVOA_V
ClientSampleId :
VSTD001231

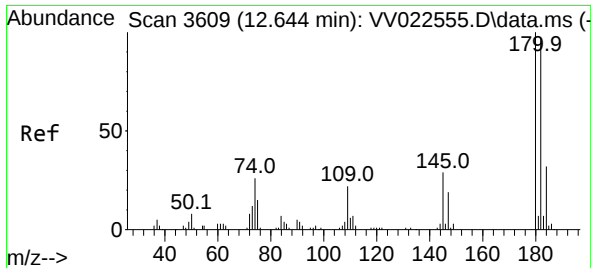
Tgt Ion:146 Resp: 12324
Ion Ratio Lower Upper
146 100
111 38.7 31.6 47.4
148 66.2 49.0 73.6



#68
1,2-Dibromo-3-chloropropane
Concen: 0.697 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.000 min
Lab File: VV022554.D
Acq: 04 Oct 2021 13:54

Tgt Ion: 75 Resp: 616
Ion Ratio Lower Upper
75 100
155 101.8 77.4 116.2
157 124.2 104.7 157.1

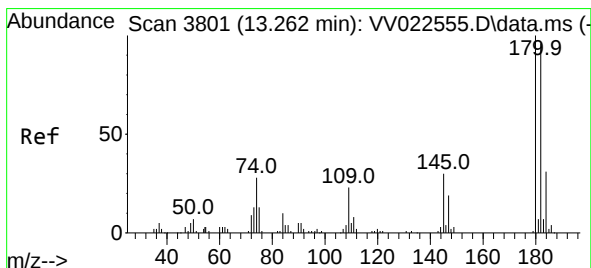
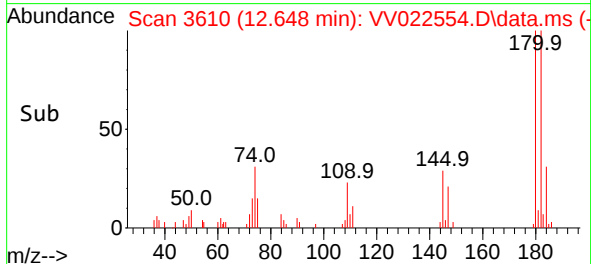
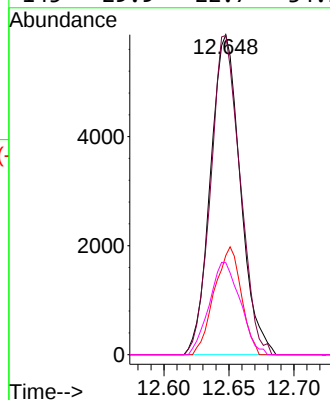
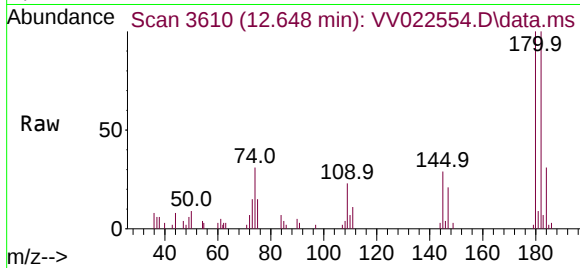




#69
1,3,5-Trichlorobenzene
Concen: 0.854 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. 0.003 min
Lab File: VV022554.D
Acq: 04 Oct 2021 13:54

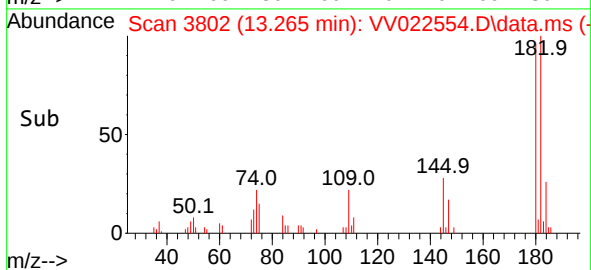
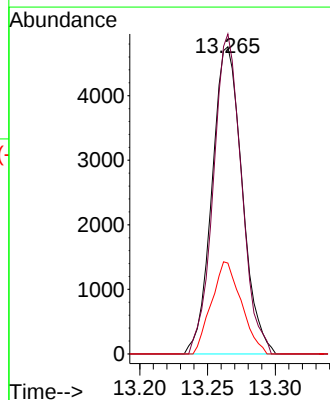
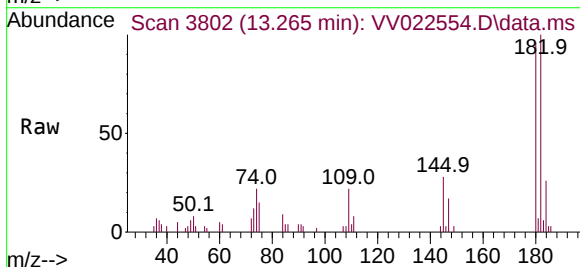
Instrument :
MSVOA_V
ClientSampleId :
VSTD001231

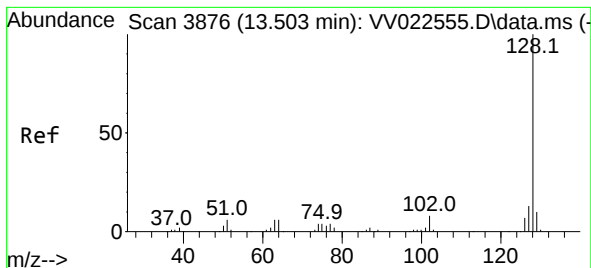
Tgt Ion:180	Resp:	9361
Ion Ratio	Lower	Upper
180	100	
182	97.8	77.0 115.6
184	30.4	25.0 37.6
145	29.9	22.7 34.1



#70
1,2,4-trichlorobenzene
Concen: 0.849 ug/L
RT: 13.265 min Scan# 3802
Delta R.T. 0.003 min
Lab File: VV022554.D
Acq: 04 Oct 2021 13:54

Tgt Ion:180	Resp:	7369
Ion Ratio	Lower	Upper
180	100	
182	96.9	77.1 115.7
145	29.6	22.8 34.2

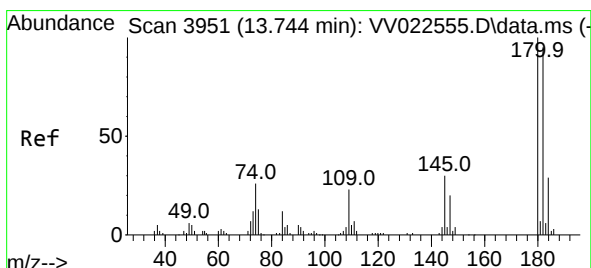
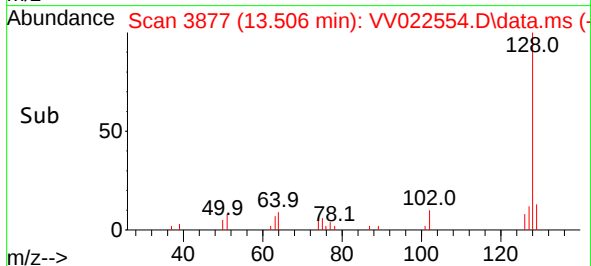
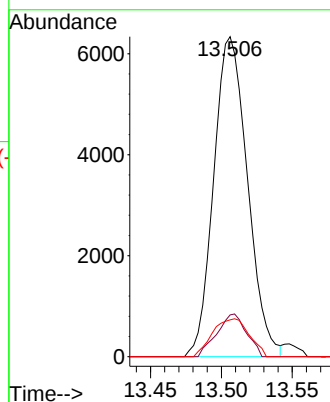
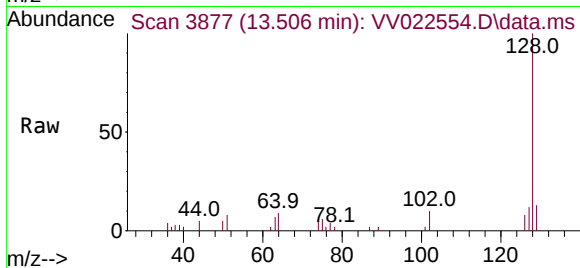




#71
Naphthalene
Concen: 0.675 ug/L
RT: 13.506 min Scan# 3877
Delta R.T. 0.003 min
Lab File: VV022554.D
Acq: 04 Oct 2021 13:54

Instrument :
MSVOA_V
ClientSampleId :
VSTD001231

Tgt Ion:128 Resp: 10513
Ion Ratio Lower Upper
128 100
129 11.7 8.3 12.5
127 12.9 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 0.755 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. 0.003 min
Lab File: VV022554.D
Acq: 04 Oct 2021 13:54

Tgt Ion:180 Resp: 6169
Ion Ratio Lower Upper
180 100
182 96.9 75.4 113.0
145 33.7 24.4 36.6

