

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100421\
 Data File : VW022553.D
 Acq On : 04 Oct 2021 13:28
 Operator : SY/MD
 Sample : VSTD0.530
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5230

Quant Time: Oct 05 01:38:19 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	5.609	114	108900	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	102842	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	50584	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.294	65	1852	0.370	ug/L	0.00
7) Chloroethane-d5	1.555	69	2386	0.397	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.098	63	5266	0.425	ug/L	0.00
20) 2-Butanone-d5	4.111	46	505	0.233	ug/L	0.18
24) Chloroform-d	4.342	84	6735	0.442	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	3061	0.423	ug/L	0.00
32) Benzene-d6	5.040	84	11330	0.410	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	4131	0.475	ug/L	0.00
41) Toluene-d8	7.317	98	8914	0.364	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.628	79	984	0.372	ug/L	0.00
46) 2-Hexanone-d5	8.104	63	4848	2.993	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.220	84	2995	0.411	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.628	152	4284	0.474	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	3649	0.431	ug/L	96
3) Chloromethane	1.230	50	4002	0.472	ug/L	98
5) Vinyl chloride	1.297	62	3916	0.477	ug/L #	82
6) Bromomethane	1.510	94	2829	0.536	ug/L	84
8) Chloroethane	1.574	64	2874	0.554	ug/L	99
9) Trichlorofluoromethane	1.738	101	5679	0.490	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	3401	0.497	ug/L	99
12) 1,1-Dichloroethene	2.108	96	3300	0.526	ug/L	94
14) Carbon disulfide	2.278	76	9164	0.444	ug/L	98
16) Methylene chloride	2.497	84	4378	0.417	ug/L	98
17) Methyl tert-butyl Ether	2.773	73	8214	0.499	ug/L #	88
18) trans-1,2-Dichloroethene	2.748	96	3307	0.449	ug/L	87
19) 1,1-Dichloroethane	3.172	63	6027	0.466	ug/L	95
21) 2-Butanone	4.056	43	5510	2.947	ug/L #	67
22) cis-1,2-Dichloroethene	3.899	96	3735	0.504	ug/L	96
23) Bromochloromethane	4.239	128	1760	0.512	ug/L	78
25) Chloroform	4.371	83	7093	0.526	ug/L	87
27) 1,2-Dichloroethane	5.137	62	3378	0.441	ug/L #	91
29) 1,1,1-Trichloroethane	4.593	97	5174	0.465	ug/L	94
30) Cyclohexane	4.657	56	4588	0.426	ug/L	91
31) Carbon tetrachloride	4.809	117	4332	0.459	ug/L	92
33) Benzene	5.088	78	11479	0.418	ug/L	100
34) Trichloroethene	5.908	95	4200	0.593	ug/L	92
35) Methylcyclohexane	6.120	83	4849	0.437	ug/L	96
37) 1,2-Dichloropropane	6.172	63	3022	0.437	ug/L #	86
38) Bromodichloromethane	6.510	83	3904	0.463	ug/L	94
39) cis-1,3-Dichloropropene	7.030	75	3675	0.403	ug/L	98
40) 4-Methyl-2-pentanone	7.246	43	14521	3.393	ug/L	98
42) Toluene	7.390	91	11639	0.402	ug/L	99
44) trans-1,3-Dichloropropene	7.657	75	2829	0.366	ug/L #	80
45) 1,1,2-Trichloroethane	7.844	97	2255	0.435	ug/L	90
47) Tetrachloroethene	7.972	164	2706	0.456	ug/L	86

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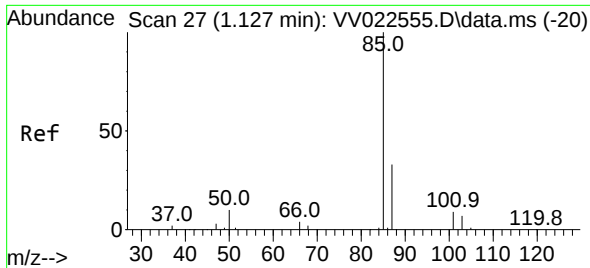
Instrument :
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 ClientSampleId :
 VSTD0.5230

Quant Time: Oct 05 01:38:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100421WMA.M
 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

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

48) 2-Hexanone	8.156	43	9967	3.321	ug/L	98
49) Dibromochloromethane	8.246	129	2376	0.416	ug/L	97
50) 1,2-Dibromoethane	8.358	107	1955	0.406	ug/L #	95
51) Chlorobenzene	8.882	112	8298	0.435	ug/L	93
52) Ethylbenzene	9.011	91	11915	0.396	ug/L	93
53) m,p-xylene	9.140	106	4065	0.351	ug/L	100
54) o-xylene	9.545	106	4538	0.402	ug/L	82
55) Styrene	9.564	104	6669	0.351	ug/L	85
57) 1,1,2,2-Tetrachloroethane	10.242	83	2090	0.334	ug/L	92
59) Bromoform	9.731	173	1249	0.434	ug/L #	94
60) Isopropylbenzene	9.931	105	11169	0.397	ug/L	98
61) 1,2,3-Trichloropropane	10.278	75	1892	0.442	ug/L #	86
62) 1,3,5-Trimethylbenzene	10.538	105	8498	0.370	ug/L	99
63) 1,2,4-Trimethylbenzene	10.918	105	8312	0.363	ug/L	98
64) 1,3-Dichlorobenzene	11.185	146	5924	0.424	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	6585	0.466	ug/L	93
67) 1,2-Dichlorobenzene	11.644	146	5456	0.411	ug/L	92
68) 1,2-Dibromo-3-chloropr...	12.432	75	311	0.366	ug/L #	72
69) 1,3,5-Trichlorobenzene	12.648	180	4497	0.427	ug/L	94
70) 1,2,4-trichlorobenzene	13.265	180	3558	0.427	ug/L	95
71) Naphthalene	13.506	128	5472	0.366	ug/L	98
72) 1,2,3-Trichlorobenzene	13.744	180	3093	0.394	ug/L	98

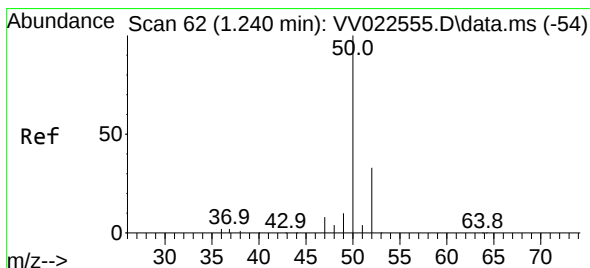
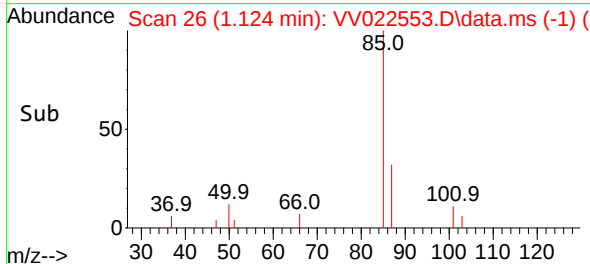
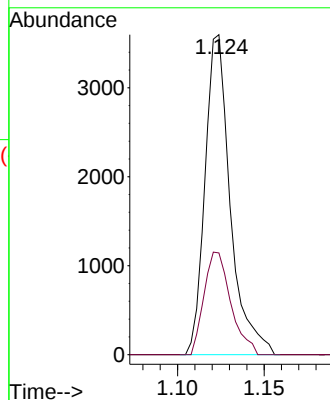
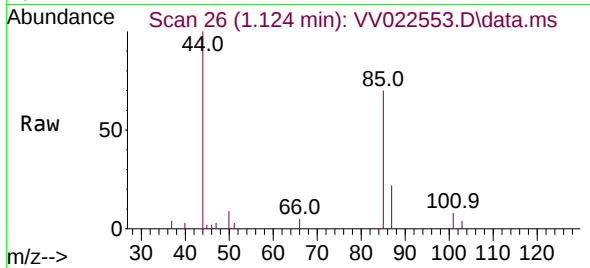
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 0.431 ug/L
 RT: 1.124 min Scan# 26
 Delta R.T. -0.003 min
 Lab File: VV022553.D
 Acq: 04 Oct 2021 13:28

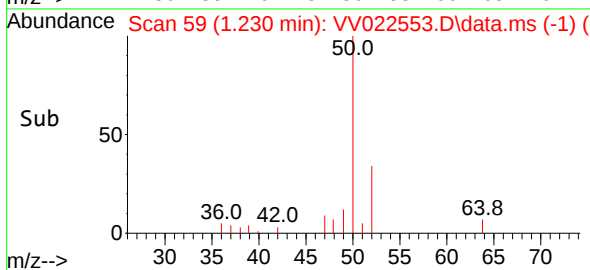
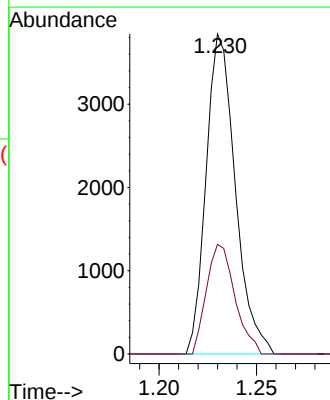
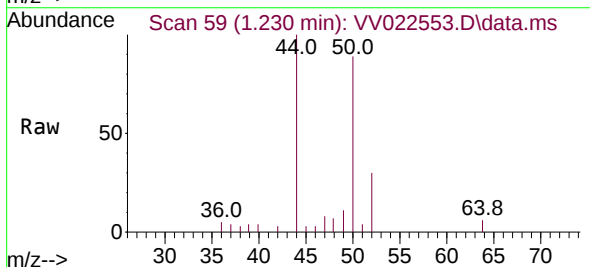
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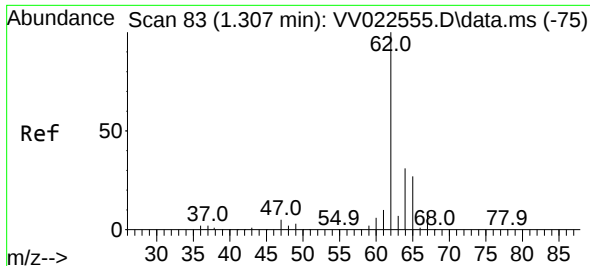
Tgt Ion: 85 Resp: 3649
 Ion Ratio Lower Upper
 85 100
 87 34.0 25.4 38.0



#3
 Chloromethane
 Concen: 0.472 ug/L
 RT: 1.230 min Scan# 59
 Delta R.T. -0.010 min
 Lab File: VV022553.D
 Acq: 04 Oct 2021 13:28

Tgt Ion: 50 Resp: 4002
 Ion Ratio Lower Upper
 50 100
 52 34.2 23.0 42.8

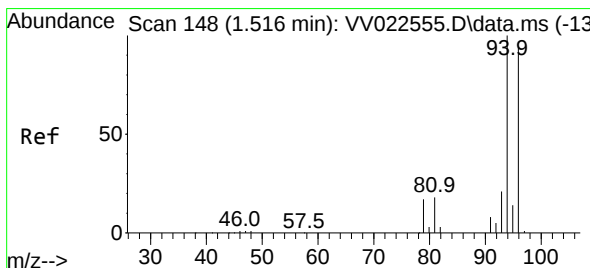
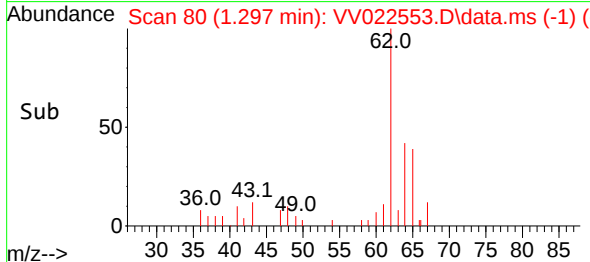
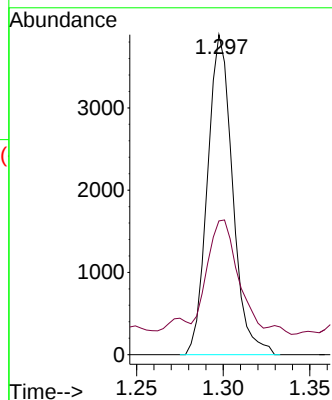
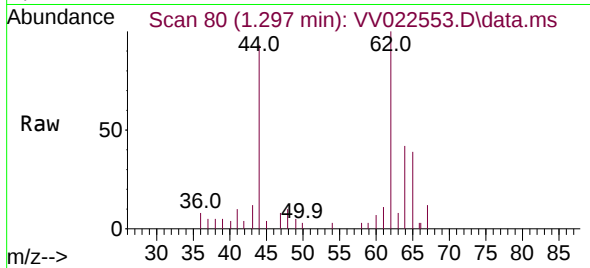




#5
 Vinyl chloride
 Concen: 0.477 ug/L
 RT: 1.297 min Scan# 80
 Delta R.T. -0.010 min
 Lab File: VV022553.D
 Acq: 04 Oct 2021 13:28

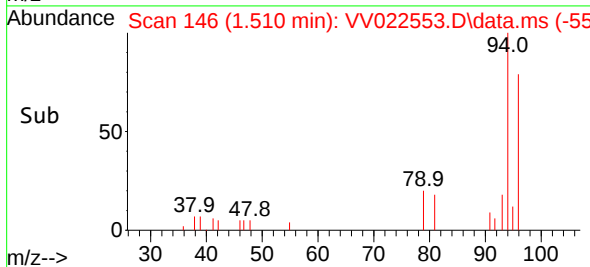
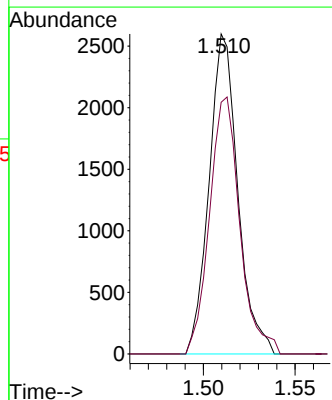
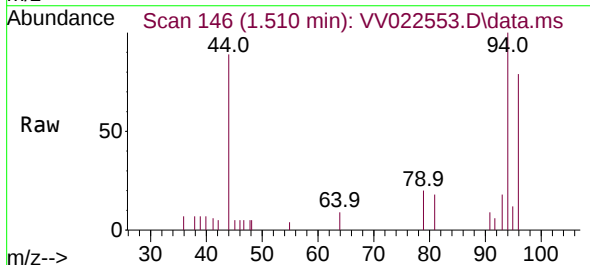
Instrument :
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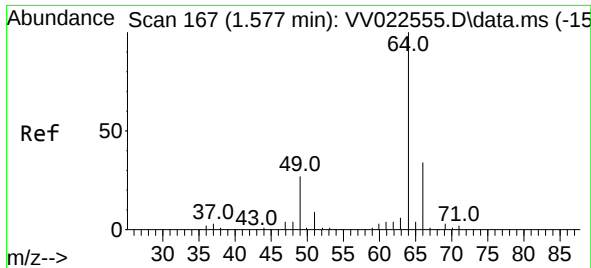
Tgt Ion: 62 Resp: 3916
 Ion Ratio Lower Upper
 62 100
 64 41.8 22.3 41.5#



#6
 Bromomethane
 Concen: 0.536 ug/L
 RT: 1.510 min Scan# 146
 Delta R.T. -0.006 min
 Lab File: VV022553.D
 Acq: 04 Oct 2021 13:28

Tgt Ion: 94 Resp: 2829
 Ion Ratio Lower Upper
 94 100
 96 78.6 65.9 122.3

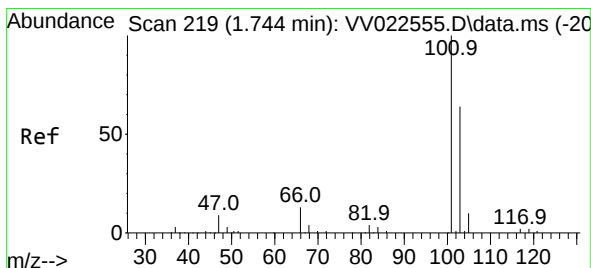
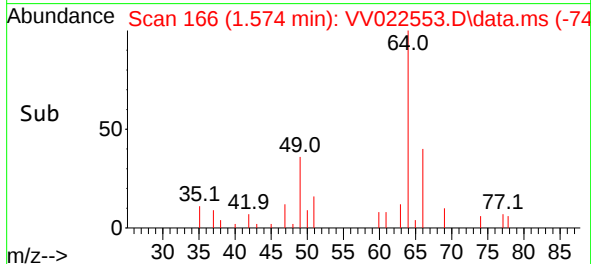
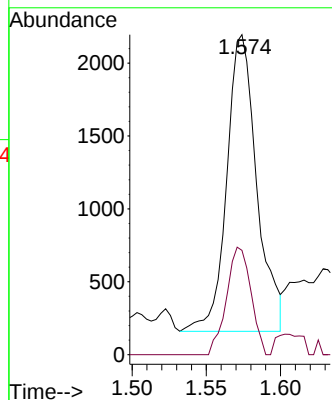
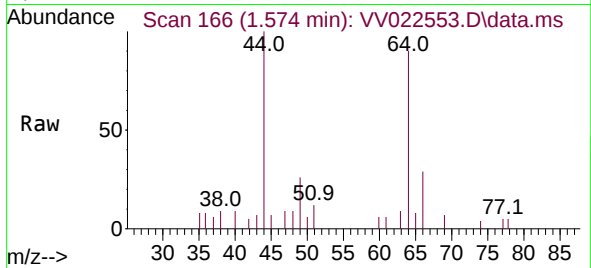




#8
Chloroethane
Concen: 0.554 ug/L
RT: 1.574 min Scan# 166
Delta R.T. -0.003 min
Lab File: VV022553.D
Acq: 04 Oct 2021 13:28

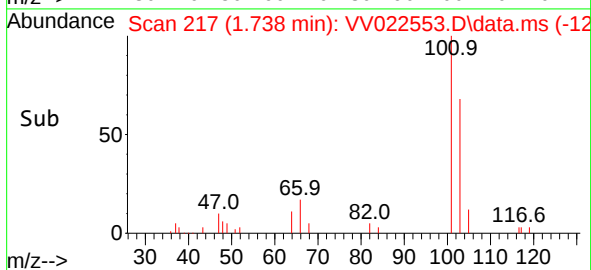
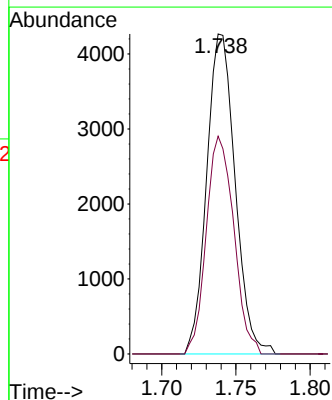
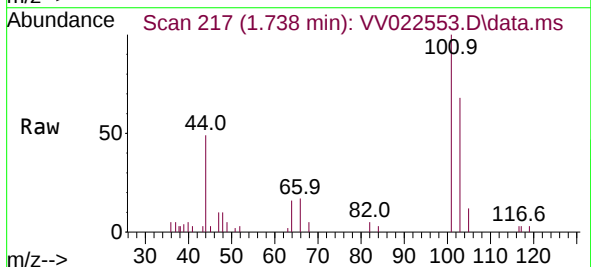
Instrument :
MSVOA_V
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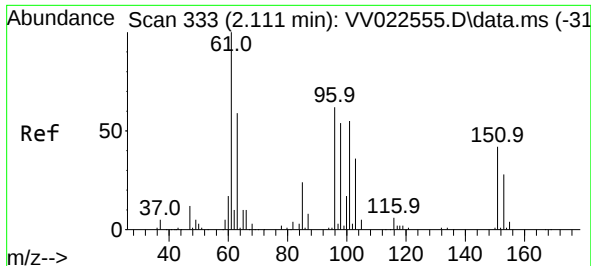
Tgt Ion: 64 Resp: 2874
Ion Ratio Lower Upper
64 100
66 32.6 23.2 43.0



#9
Trichlorofluoromethane
Concen: 0.490 ug/L
RT: 1.738 min Scan# 217
Delta R.T. -0.006 min
Lab File: VV022553.D
Acq: 04 Oct 2021 13:28

Tgt Ion: 101 Resp: 5679
Ion Ratio Lower Upper
101 100
103 65.8 51.4 77.2

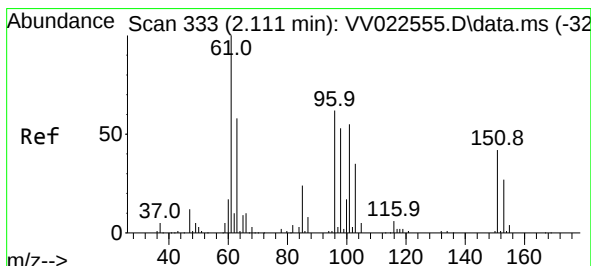
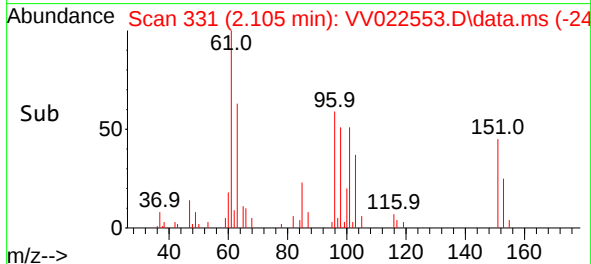
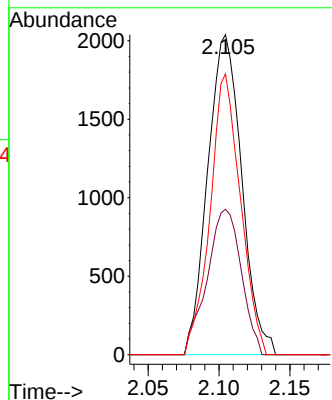
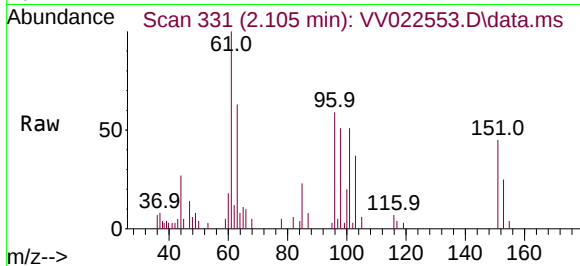




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.497 ug/L
 RT: 2.105 min Scan# 331
 Delta R.T. -0.006 min
 Lab File: VV022553.D
 Acq: 04 Oct 2021 13:28

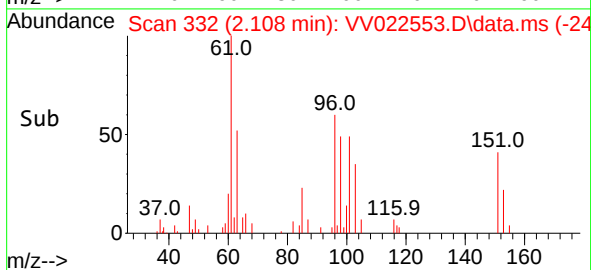
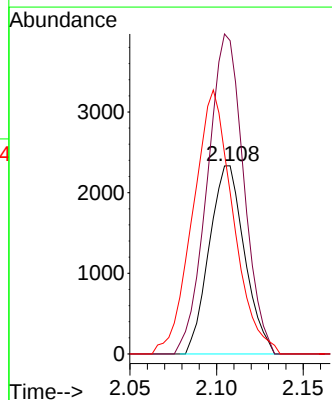
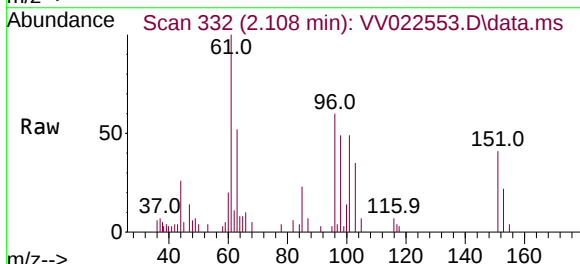
Instrument :
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 ClientSampleId :
 VSTD0.5230

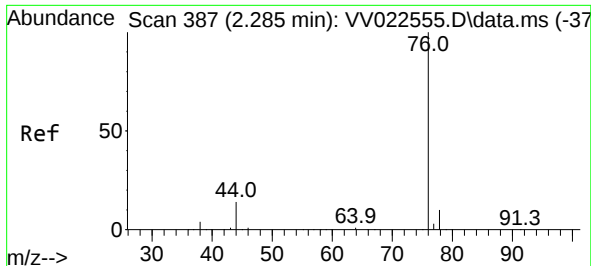
Tgt Ion:	101	Resp:	3401
Ion	Ratio	Lower	Upper
101	100		
85	45.7	35.8	53.6
151	78.4	61.9	92.9



#12
 1,1-Dichloroethene
 Concen: 0.526 ug/L
 RT: 2.108 min Scan# 332
 Delta R.T. -0.003 min
 Lab File: VV022553.D
 Acq: 04 Oct 2021 13:28

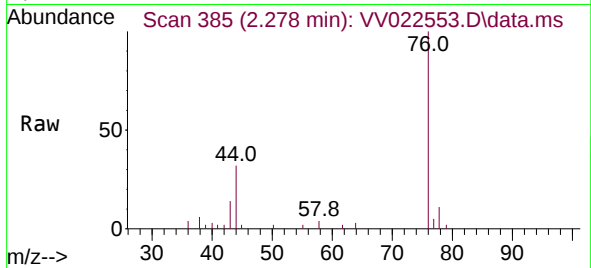
Tgt Ion:	96	Resp:	3300
Ion	Ratio	Lower	Upper
96	100		
61	166.5	113.2	210.2
63	86.0	66.6	123.8



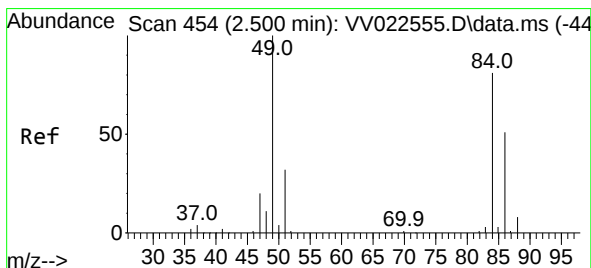
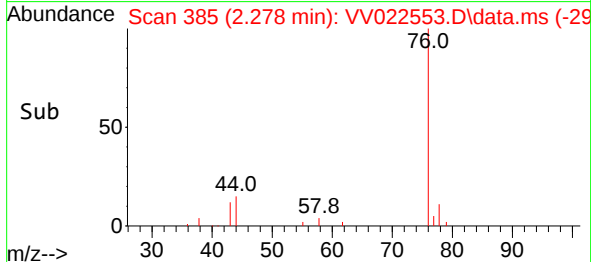
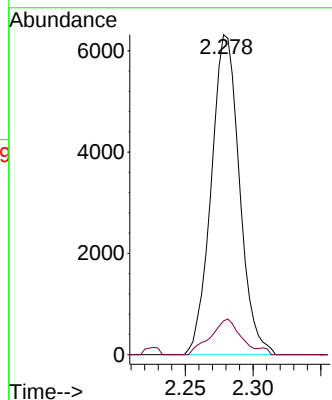


#14
Carbon disulfide
Concen: 0.444 ug/L
RT: 2.278 min Scan# 385
Delta R.T. -0.006 min
Lab File: VV022553.D
Acq: 04 Oct 2021 13:28

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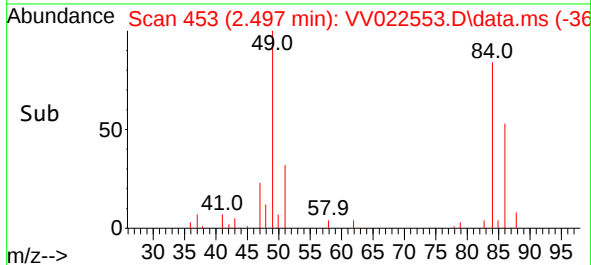
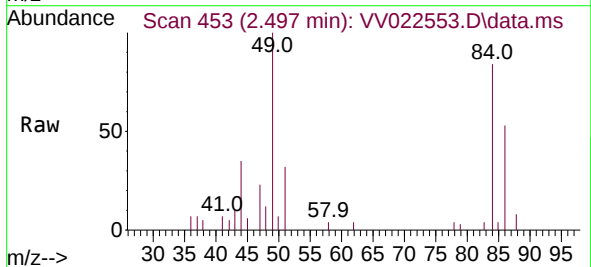
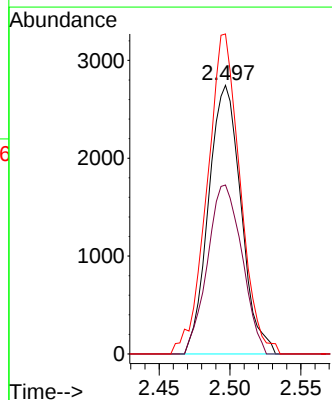


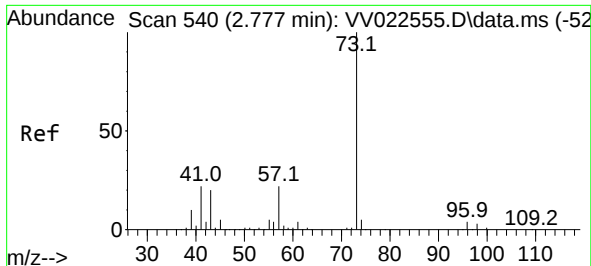
Tgt Ion: 76 Resp: 9164
Ion Ratio Lower Upper
76 100
78 10.5 7.8 11.6



#16
Methylene chloride
Concen: 0.417 ug/L
RT: 2.497 min Scan# 453
Delta R.T. -0.003 min
Lab File: VV022553.D
Acq: 04 Oct 2021 13:28

Tgt Ion: 84 Resp: 4378
Ion Ratio Lower Upper
84 100
86 62.9 44.0 81.8
49 119.1 85.9 159.5



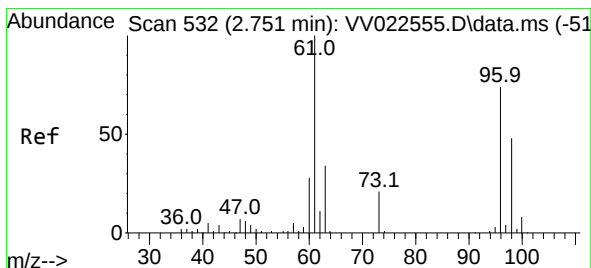
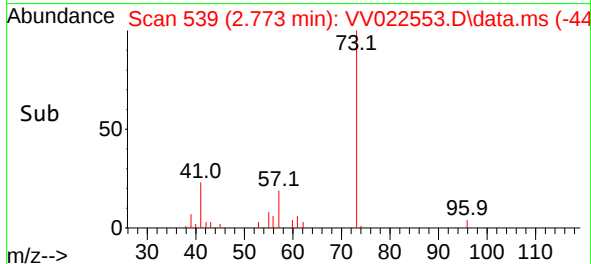
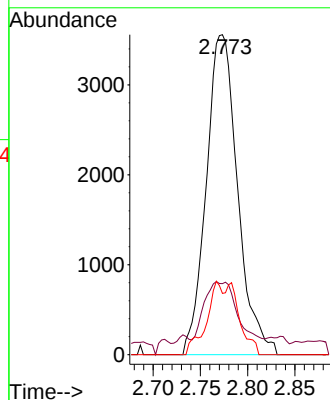
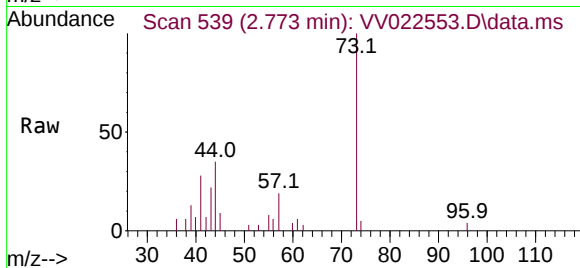


#17

Methyl tert-butyl Ether
 Concen: 0.499 ug/L
 RT: 2.773 min Scan# 539
 Delta R.T. -0.003 min
 Lab File: VV022553.D
 Acq: 04 Oct 2021 13:28

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5230

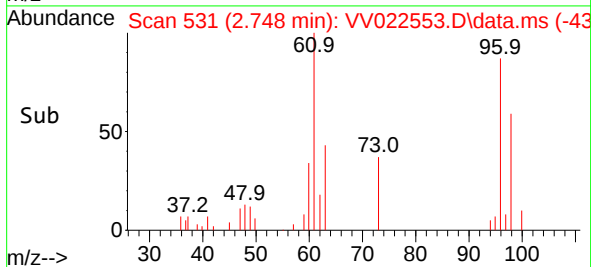
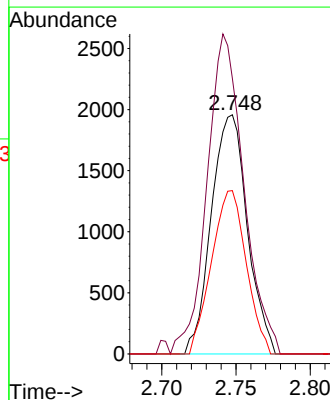
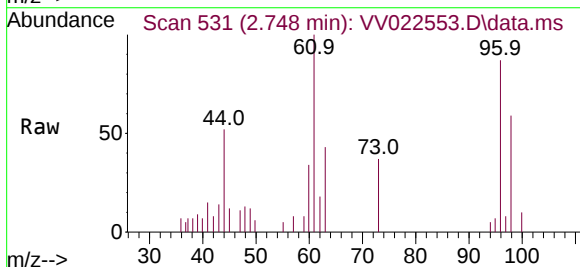
Tgt Ion: 73	Resp: 8214
Ion Ratio	Lower Upper
73 100	
43 20.8	16.3 24.5
57 11.7	17.5 26.3#

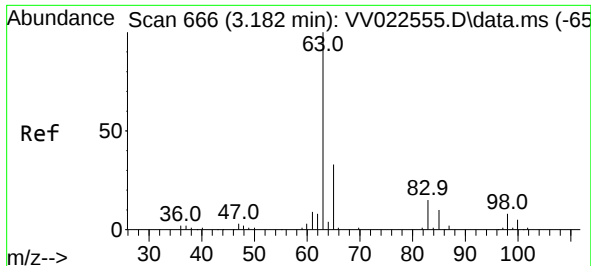


#18

trans-1,2-Dichloroethene
 Concen: 0.449 ug/L
 RT: 2.748 min Scan# 531
 Delta R.T. -0.003 min
 Lab File: VV022553.D
 Acq: 04 Oct 2021 13:28

Tgt Ion: 96	Resp: 3307
Ion Ratio	Lower Upper
96 100	
61 115.3	94.0 174.6
98 68.3	44.9 83.3





#19

1,1-Dichloroethane

Concen: 0.466 ug/L

RT: 3.172 min Scan# 663

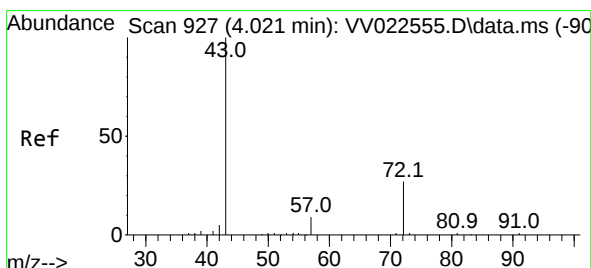
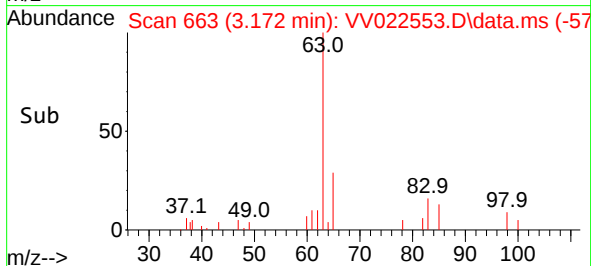
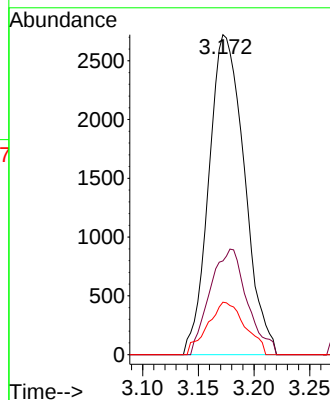
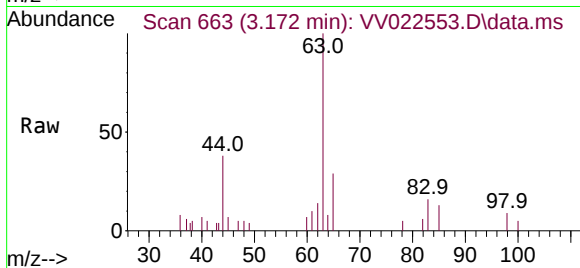
Delta R.T. -0.010 min

Lab File: VV022553.D

Acq: 04 Oct 2021 13:28

Tgt Ion:	63	Resp:	6027
Ion	Ratio	Lower	Upper
63	100		
65	29.3	22.8	42.4
83	16.4	10.2	19.0

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5230



#21

2-Butanone

Concen: 2.947 ug/L

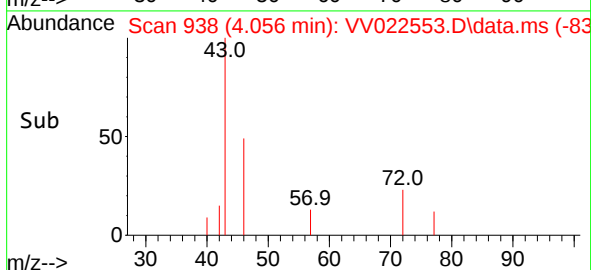
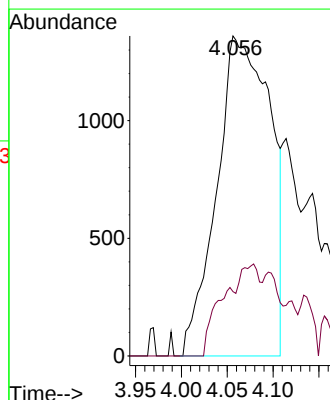
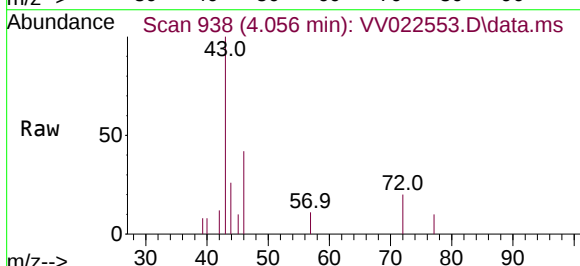
RT: 4.056 min Scan# 938

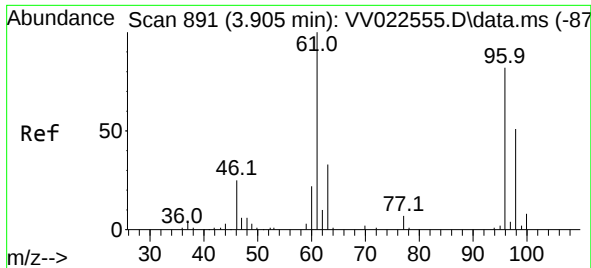
Delta R.T. 0.035 min

Lab File: VV022553.D

Acq: 04 Oct 2021 13:28

Tgt Ion:	43	Resp:	5510
Ion	Ratio	Lower	Upper
43	100		
72	8.7	12.7	38.1#

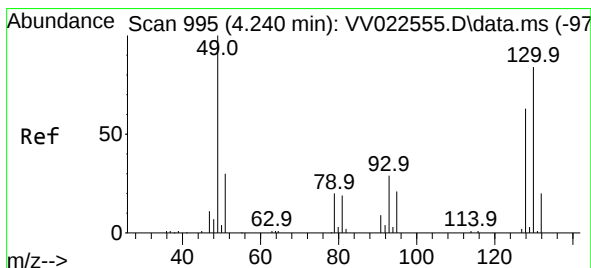
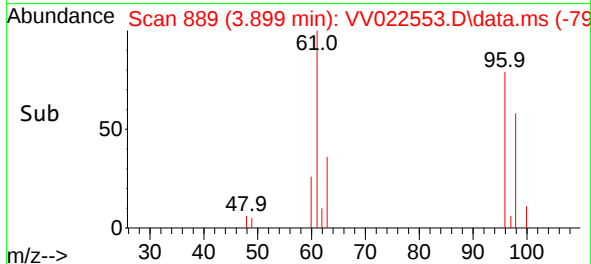
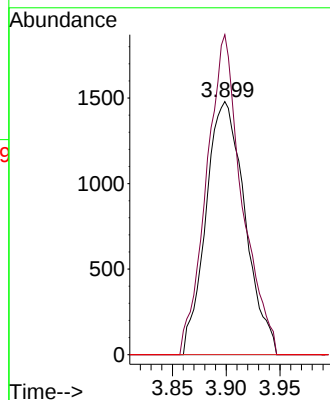
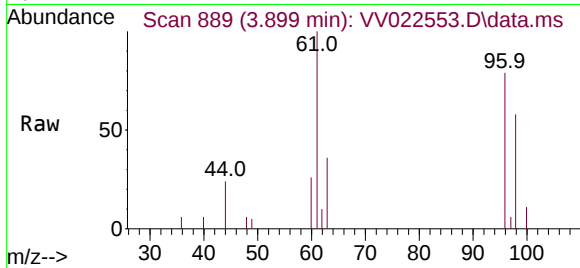




#22
 cis-1,2-Dichloroethene
 Concen: 0.504 ug/L
 RT: 3.899 min Scan# 889
 Delta R.T. -0.006 min
 Lab File: VV022553.D
 Acq: 04 Oct 2021 13:28

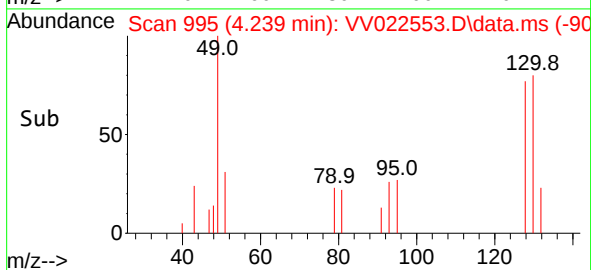
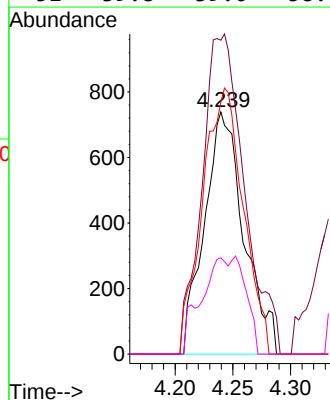
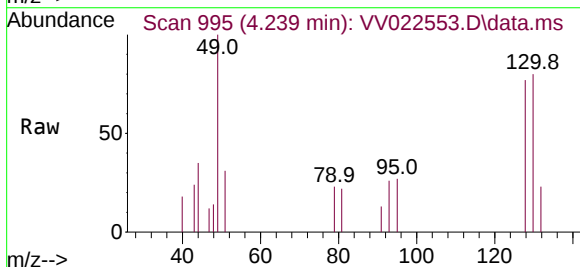
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5230

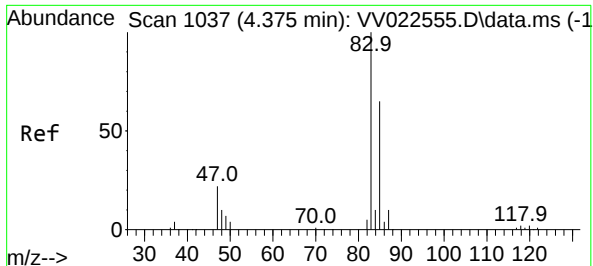
Tgt Ion:	96	Resp:	3735
Ion	Ratio	Lower	Upper
96	100		
61	126.4	85.6	159.0
68	0.0	0.0	0.0



#23
 Bromochloromethane
 Concen: 0.512 ug/L
 RT: 4.239 min Scan# 995
 Delta R.T. -0.000 min
 Lab File: VV022553.D
 Acq: 04 Oct 2021 13:28

Tgt Ion:	128	Resp:	1760
Ion	Ratio	Lower	Upper
128	100		
49	129.6	110.7	205.5
130	104.1	93.2	173.2
51	39.8	39.0	58.6





#25

Chloroform

Concen: 0.526 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VV022553.D

Acq: 04 Oct 2021 13:28

Tgt Ion: 83 Resp: 7093

Ion Ratio Lower Upper

83 100

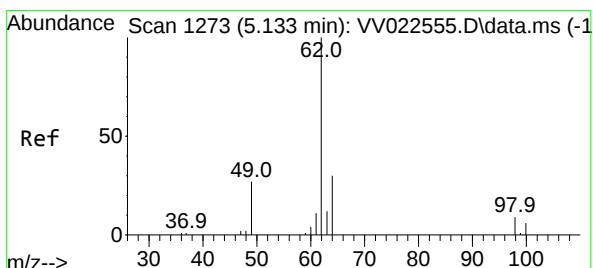
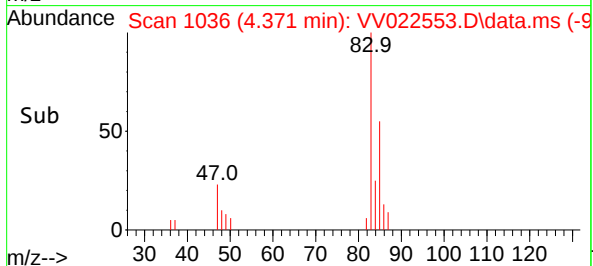
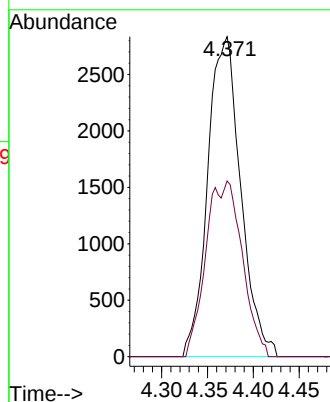
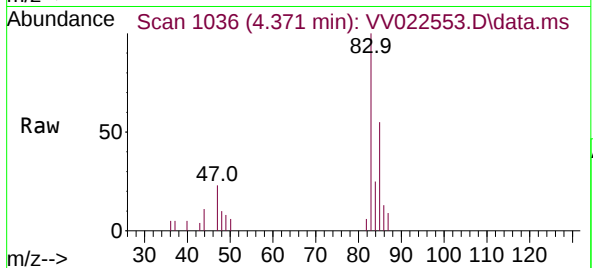
85 54.9 45.6 84.8

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5230



#27

1,2-Dichloroethane

Concen: 0.441 ug/L

RT: 5.137 min Scan# 1274

Delta R.T. 0.003 min

Lab File: VV022553.D

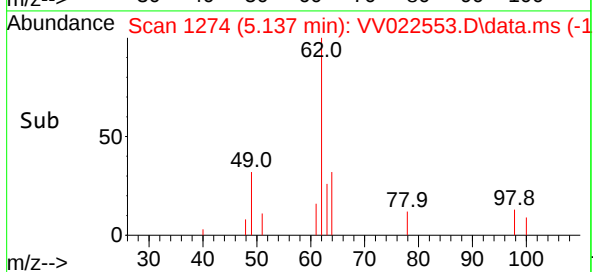
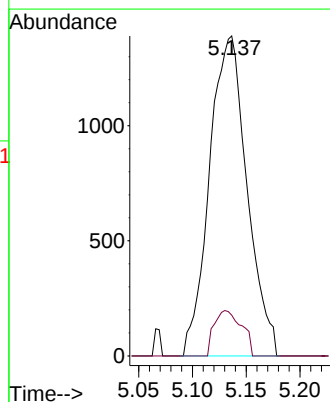
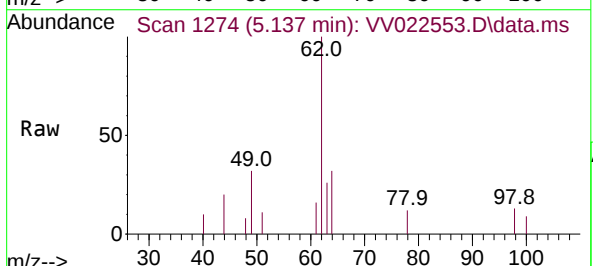
Acq: 04 Oct 2021 13:28

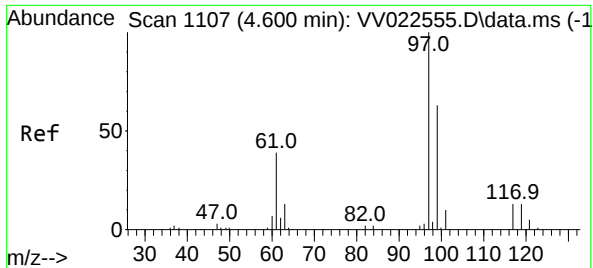
Tgt Ion: 62 Resp: 3378

Ion Ratio Lower Upper

62 100

98 12.7 7.4 11.2#

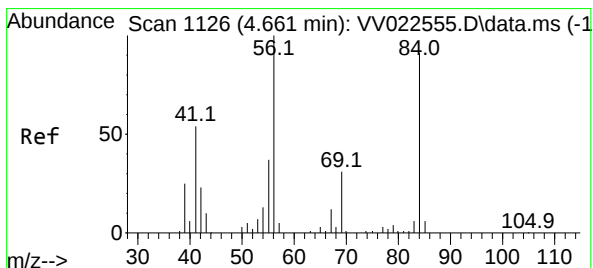
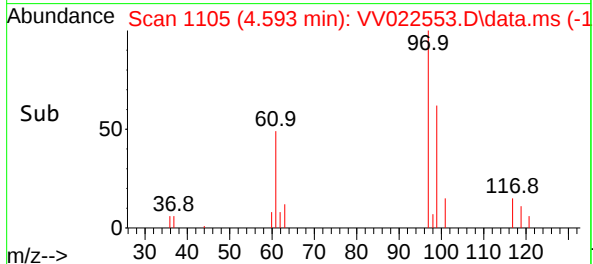
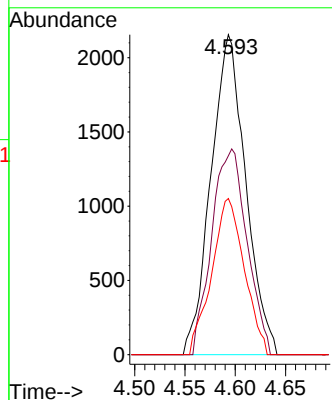
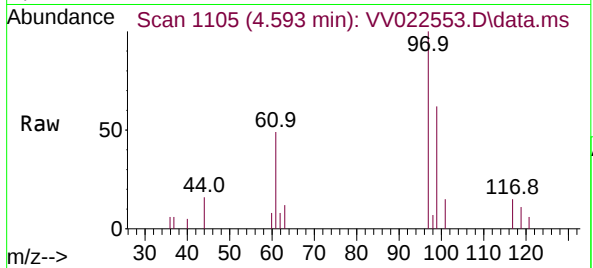




#29
1,1,1-Trichloroethane
Concen: 0.465 ug/L
RT: 4.593 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VV022553.D
Acq: 04 Oct 2021 13:28

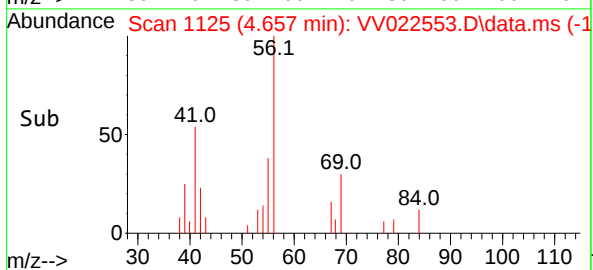
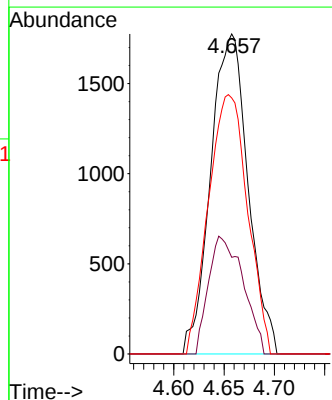
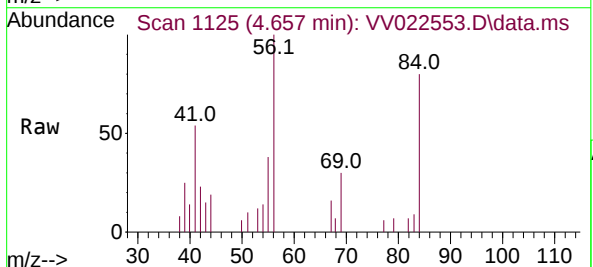
Instrument :
MSVOA_V
ClientSampled :
VSTD0.5230

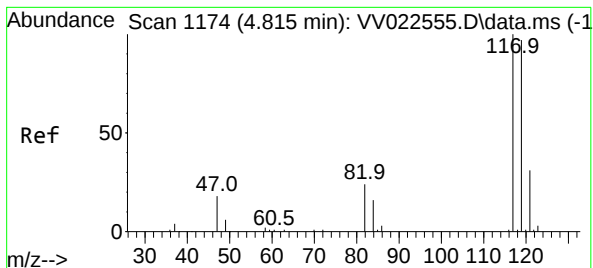
Tgt Ion: 97	Resp: 5174
Ion Ratio	Lower Upper
97 100	
99 65.4	49.8 74.6
61 45.8	32.5 48.7



#30
Cyclohexane
Concen: 0.426 ug/L
RT: 4.657 min Scan# 1125
Delta R.T. -0.003 min
Lab File: VV022553.D
Acq: 04 Oct 2021 13:28

Tgt Ion: 56	Resp: 4588
Ion Ratio	Lower Upper
56 100	
69 34.1	25.7 38.5
84 84.7	75.8 113.8

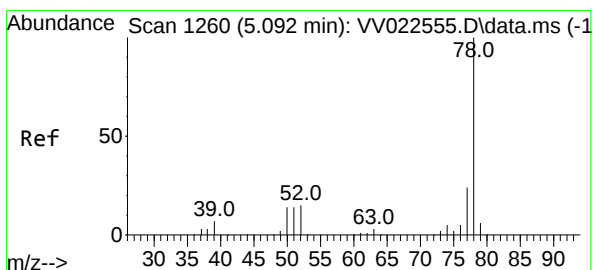
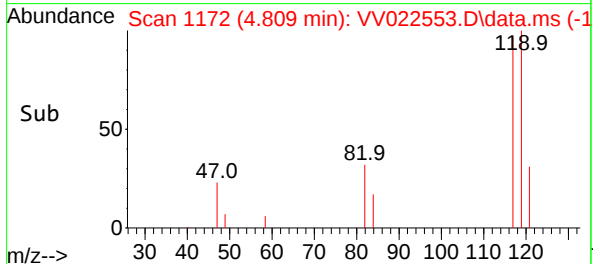
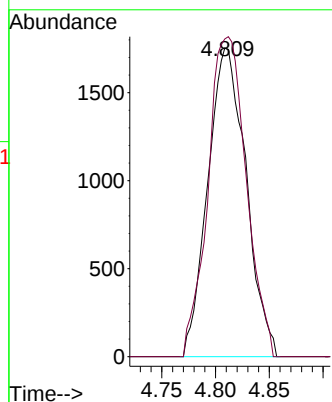
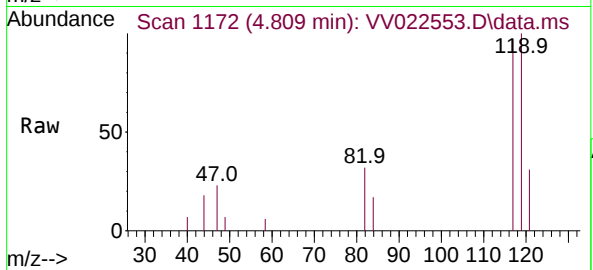




#31
Carbon tetrachloride
Concen: 0.459 ug/L
RT: 4.809 min Scan# 1172
Delta R.T. -0.006 min
Lab File: VV022553.D
Acq: 04 Oct 2021 13:28

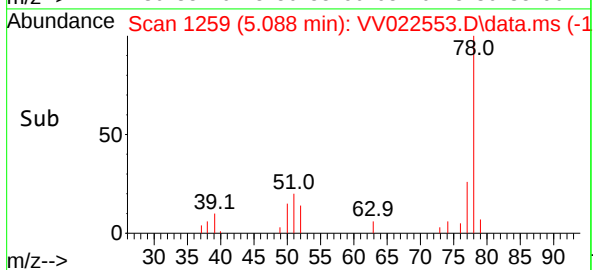
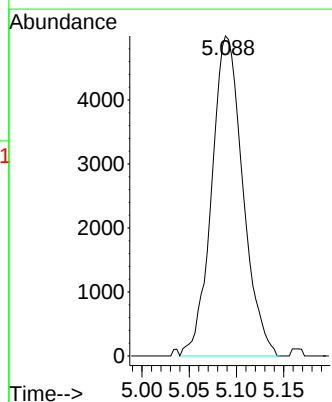
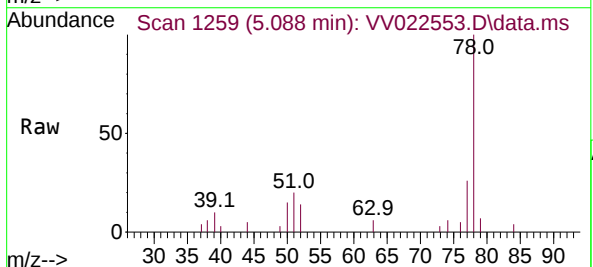
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5230

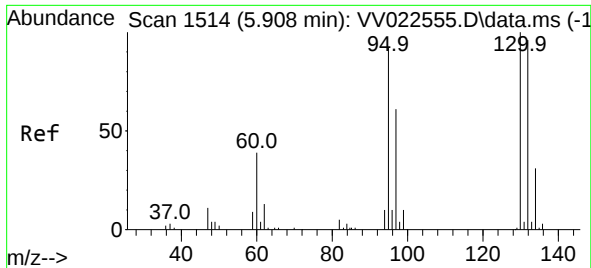
Tgt Ion:117 Resp: 4332
Ion Ratio Lower Upper
117 100
119 103.9 76.9 115.3



#33
Benzene
Concen: 0.418 ug/L
RT: 5.088 min Scan# 1259
Delta R.T. -0.003 min
Lab File: VV022553.D
Acq: 04 Oct 2021 13:28

Tgt Ion: 78 Resp: 11479



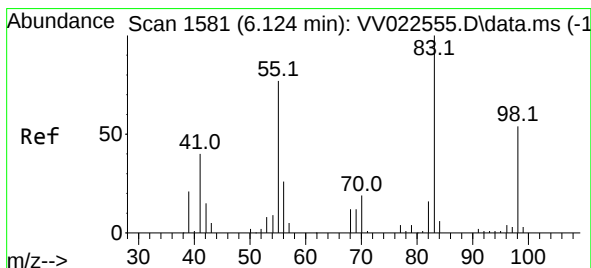
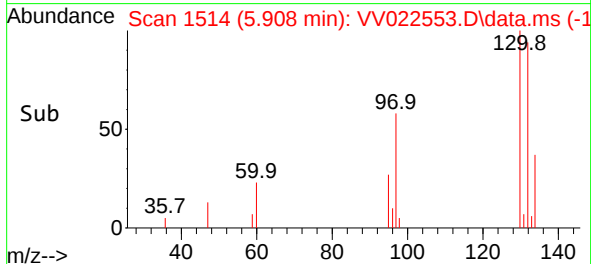
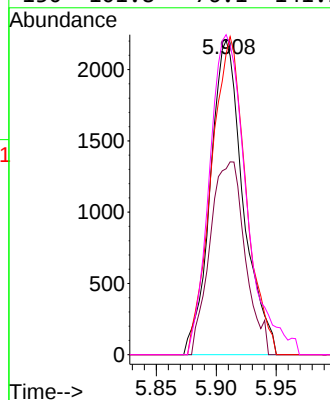
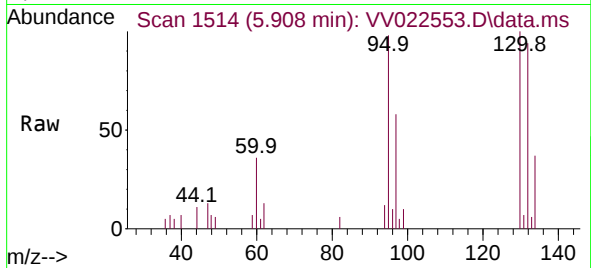


#34
Trichloroethene
Concen: 0.593 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VV022553.D
Acq: 04 Oct 2021 13:28

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5230

Tgt Ion: 95 Resp: 4200

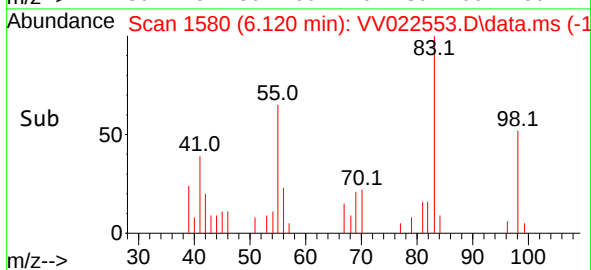
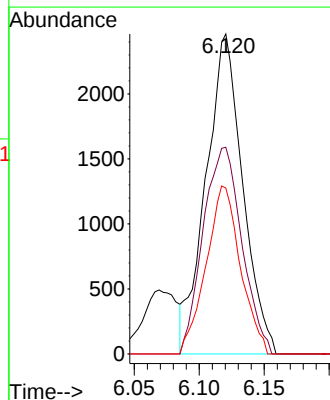
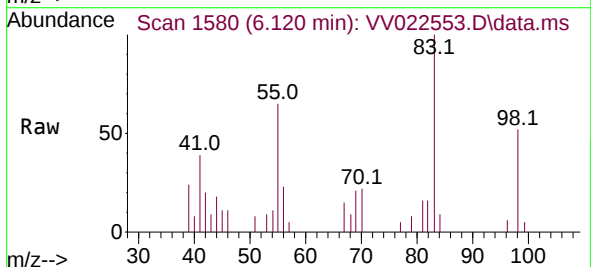
Ion	Ratio	Lower	Upper
95	100		
97	59.2	46.5	86.5
132	95.7	73.0	135.6
130	101.8	76.1	141.3

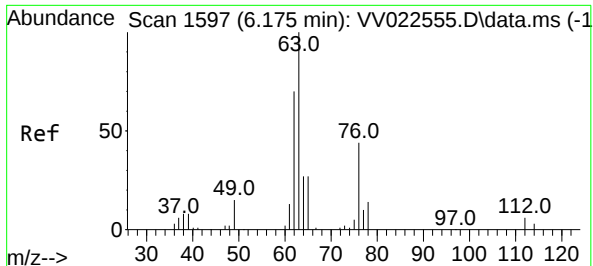


#35
Methylcyclohexane
Concen: 0.437 ug/L
RT: 6.120 min Scan# 1580
Delta R.T. -0.003 min
Lab File: VV022553.D
Acq: 04 Oct 2021 13:28

Tgt Ion: 83 Resp: 4849

Ion	Ratio	Lower	Upper
83	100		
55	67.8	57.8	86.8
98	48.9	39.8	59.8





#37

1,2-Dichloropropane

Concen: 0.437 ug/L

RT: 6.172 min Scan# 1596

Delta R.T. -0.003 min

Lab File: VV022553.D

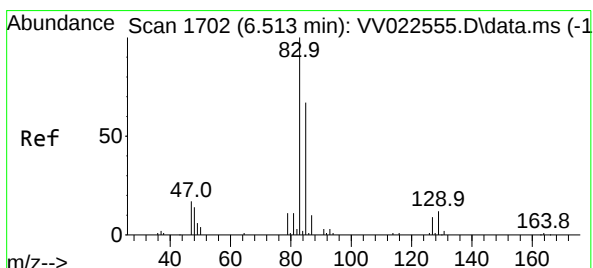
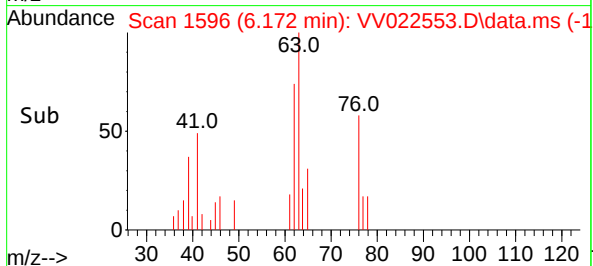
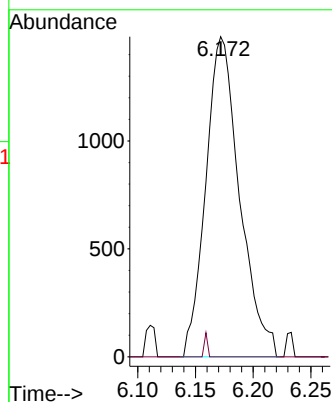
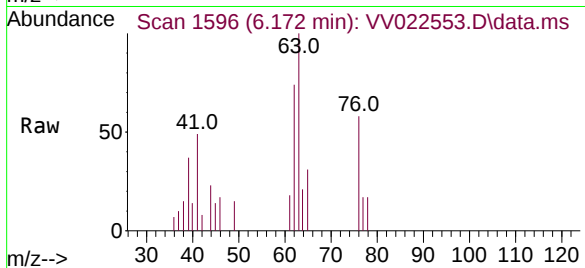
Acq: 04 Oct 2021 13:28

Tgt Ion: 63 Resp: 3022

Ion Ratio Lower Upper

63 100

112 0.7 4.3 6.5#



#38

Bromodichloromethane

Concen: 0.463 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. -0.003 min

Lab File: VV022553.D

Acq: 04 Oct 2021 13:28

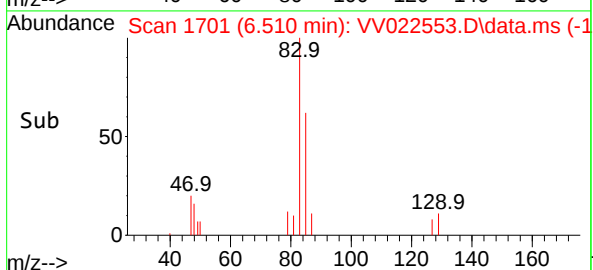
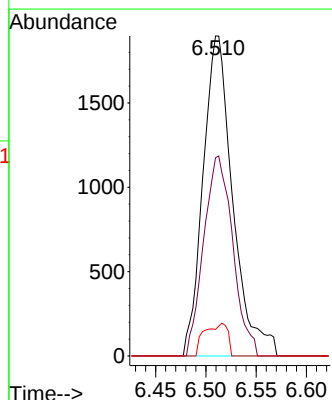
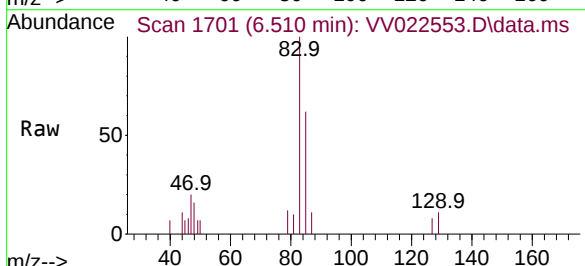
Tgt Ion: 83 Resp: 3904

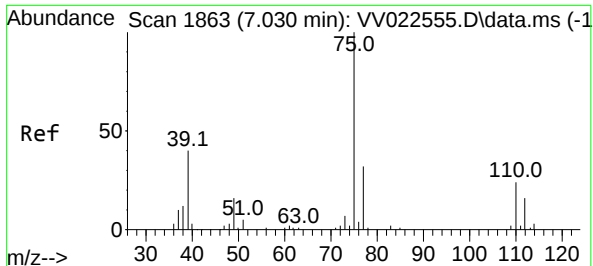
Ion Ratio Lower Upper

83 100

85 61.9 47.2 87.6

127 8.3 7.4 11.2



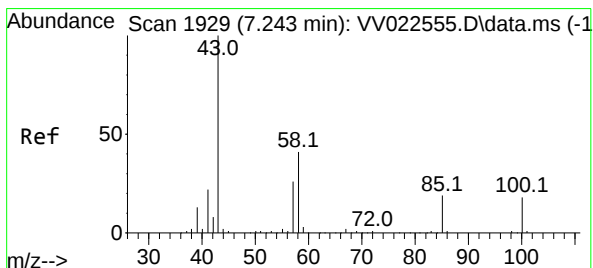
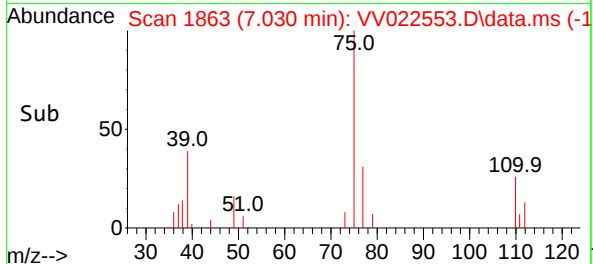
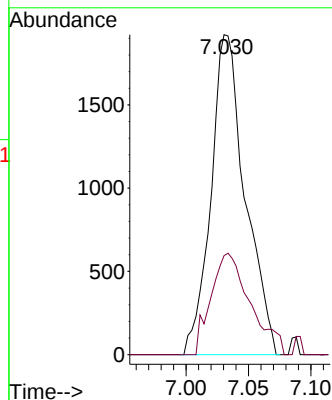
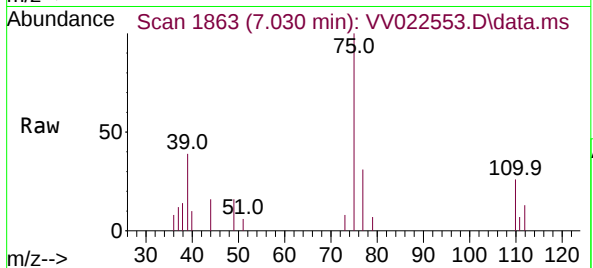


#39

cis-1,3-Dichloropropene
Concen: 0.403 ug/L
RT: 7.030 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VV022553.D
Acq: 04 Oct 2021 13:28

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5230

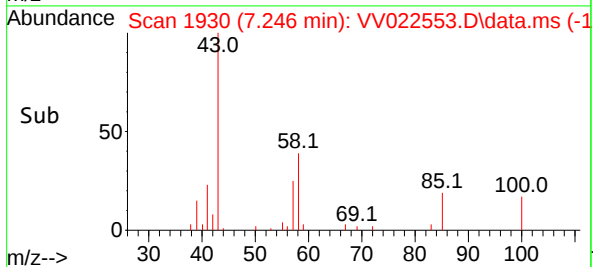
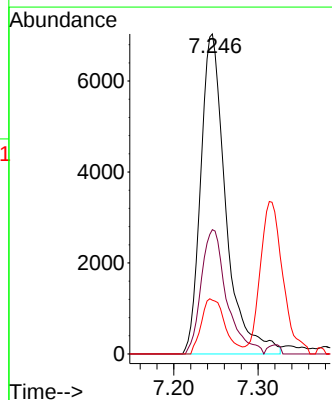
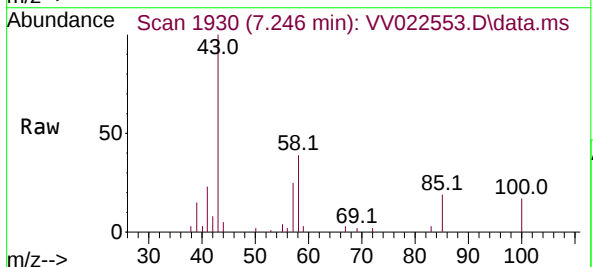
Tgt Ion: 75 Resp: 3675
Ion Ratio Lower Upper
75 100
77 31.0 22.4 41.6

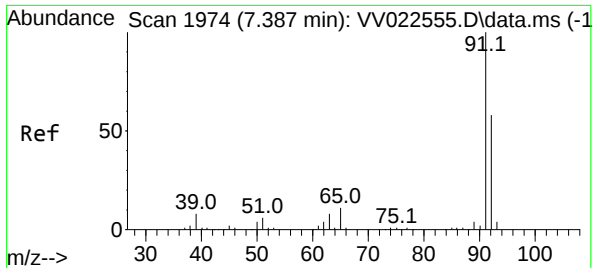


#40

4-Methyl-2-pentanone
Concen: 3.393 ug/L
RT: 7.246 min Scan# 1930
Delta R.T. 0.003 min
Lab File: VV022553.D
Acq: 04 Oct 2021 13:28

Tgt Ion: 43 Resp: 14521
Ion Ratio Lower Upper
43 100
58 39.6 32.3 48.5
100 16.3 13.8 20.6

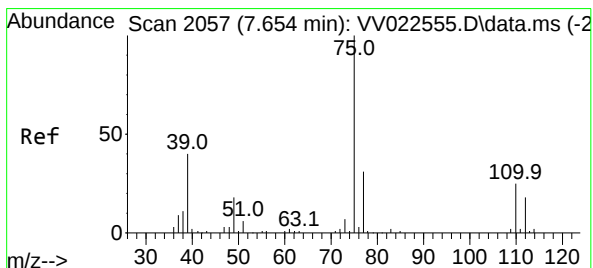
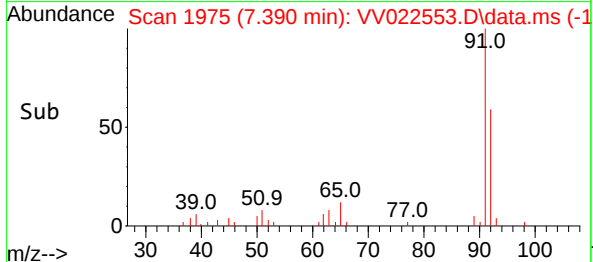
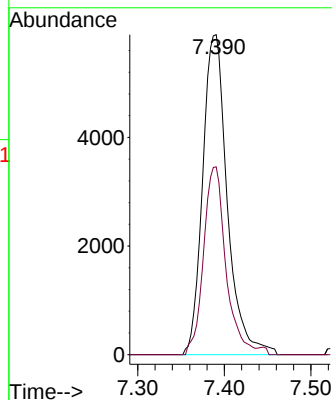
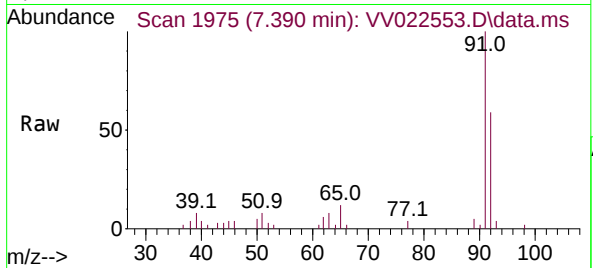




#42
Toluene
Concen: 0.402 ug/L
RT: 7.390 min Scan# 1975
Delta R.T. 0.003 min
Lab File: VV022553.D
Acq: 04 Oct 2021 13:28

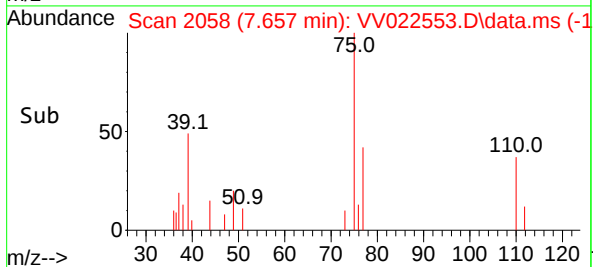
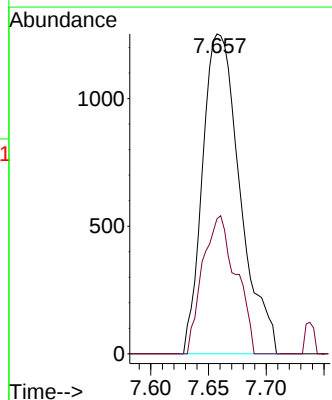
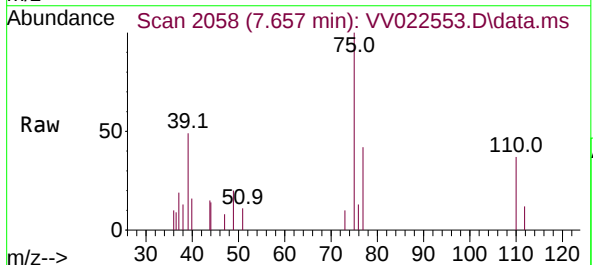
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5230

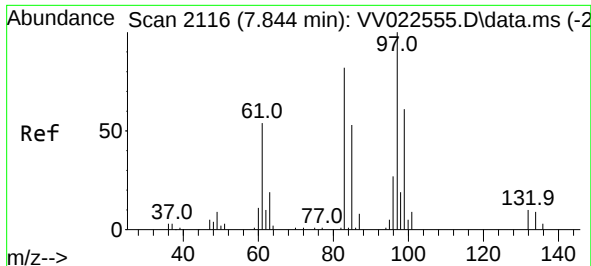
Tgt Ion: 91 Resp: 11639
Ion Ratio Lower Upper
91 100
92 58.7 40.5 75.3



#44
trans-1,3-Dichloropropene
Concen: 0.366 ug/L
RT: 7.657 min Scan# 2058
Delta R.T. 0.003 min
Lab File: VV022553.D
Acq: 04 Oct 2021 13:28

Tgt Ion: 75 Resp: 2829
Ion Ratio Lower Upper
75 100
77 42.2 21.8 40.6#

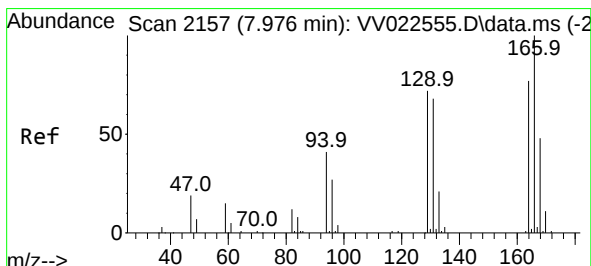
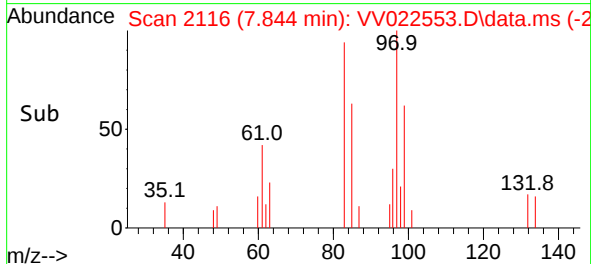
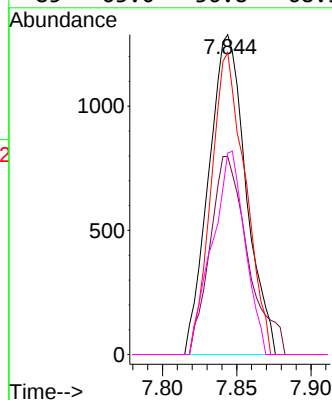
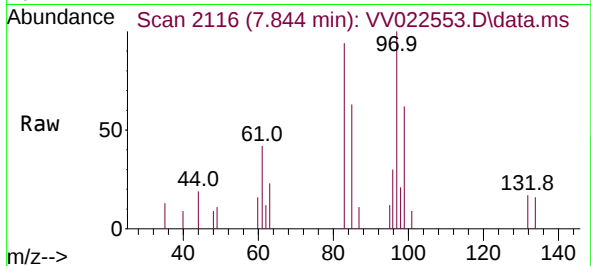




#45
1,1,2-Trichloroethane
Concen: 0.435 ug/L
RT: 7.844 min Scan# 2116
Delta R.T. -0.000 min
Lab File: VV022553.D
Acq: 04 Oct 2021 13:28

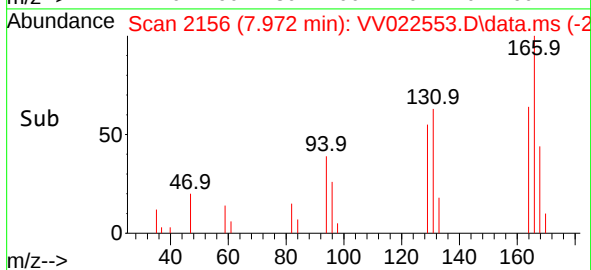
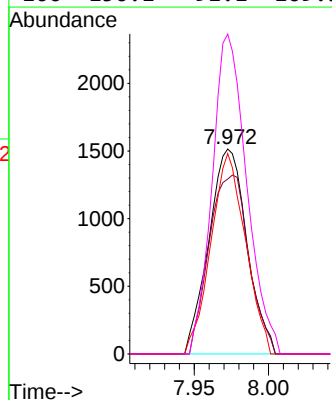
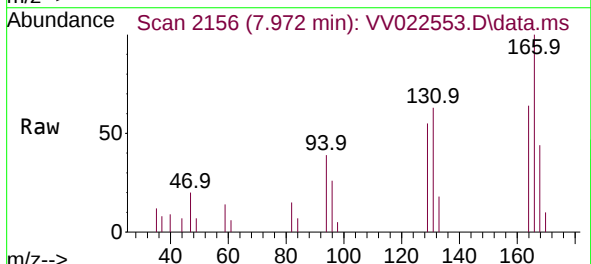
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5230

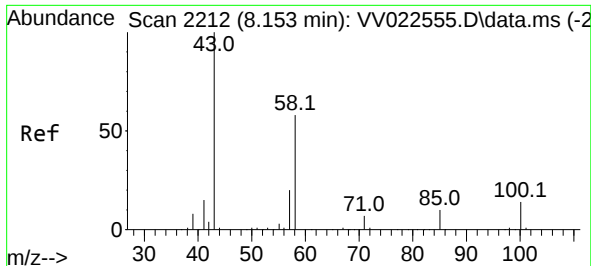
Tgt Ion: 97	Resp: 2255
Ion Ratio	Lower Upper
97 100	
99 62.0	42.6 79.0
83 94.4	57.7 107.1
85 63.0	36.8 68.3



#47
Tetrachloroethene
Concen: 0.456 ug/L
RT: 7.972 min Scan# 2156
Delta R.T. -0.003 min
Lab File: VV022553.D
Acq: 04 Oct 2021 13:28

Tgt Ion:164	Resp: 2706
Ion Ratio	Lower Upper
164 100	
129 85.3	65.5 121.6
131 97.7	62.4 116.0
166 156.1	91.1 169.3

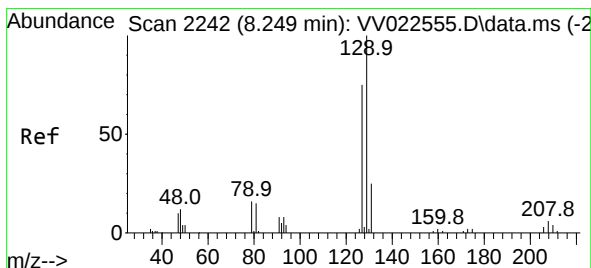
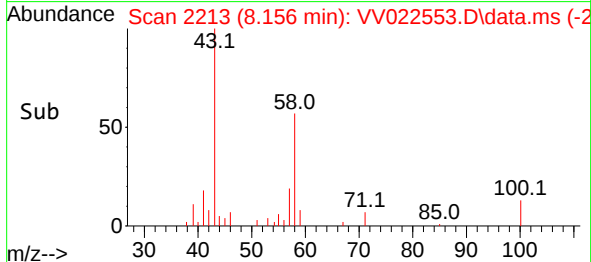
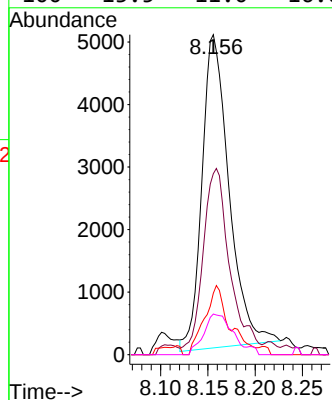
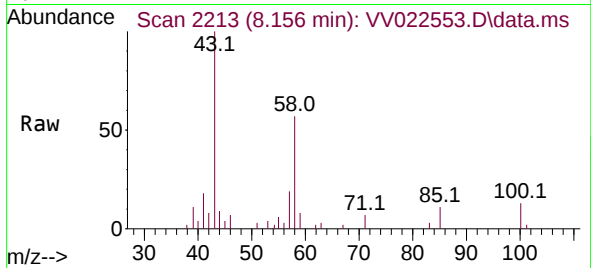




#48
2-Hexanone
Concen: 3.321 ug/L
RT: 8.156 min Scan# 2213
Delta R.T. 0.003 min
Lab File: VV022553.D
Acq: 04 Oct 2021 13:28

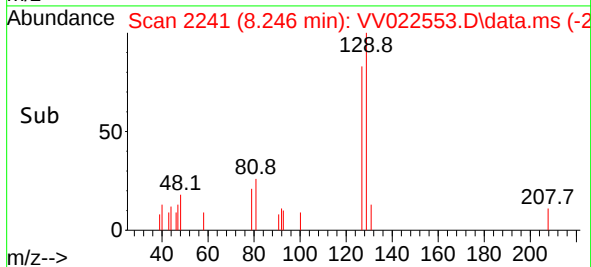
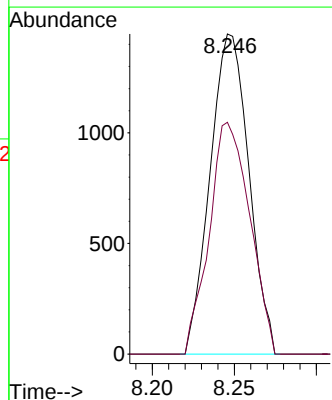
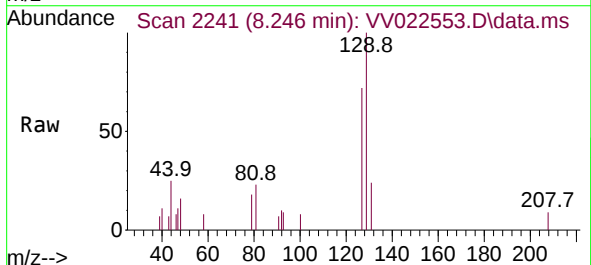
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5230

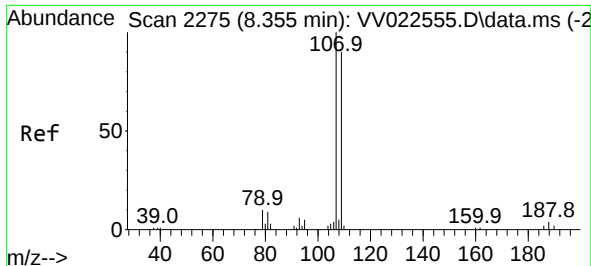
Tgt Ion:	43	Resp:	9967
Ion	Ratio	Lower	Upper
43	100		
58	55.7	46.4	69.6
57	20.3	16.3	24.5
100	13.5	11.0	16.6



#49
Dibromochloromethane
Concen: 0.416 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.003 min
Lab File: VV022553.D
Acq: 04 Oct 2021 13:28

Tgt Ion:	129	Resp:	2376
Ion	Ratio	Lower	Upper
129	100		
127	72.4	52.6	97.6





#50

1,2-Dibromoethane

Concen: 0.406 ug/L

RT: 8.358 min Scan# 2276

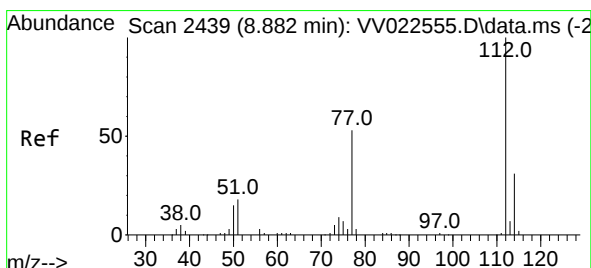
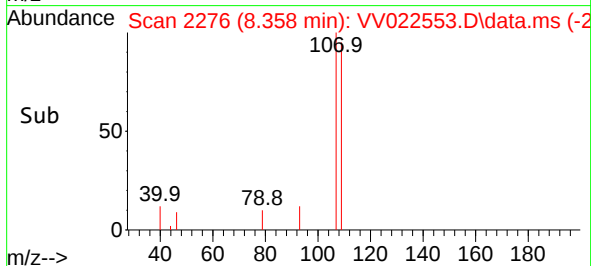
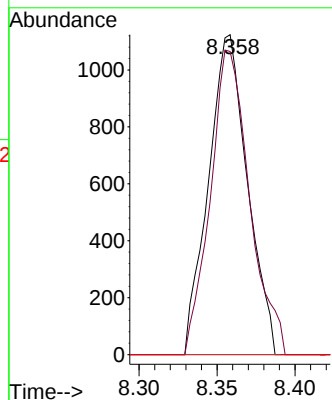
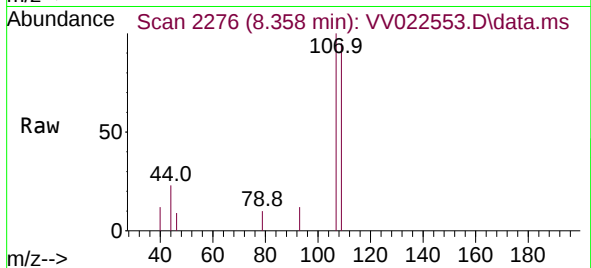
Delta R.T. 0.003 min

Lab File: VV022553.D

Acq: 04 Oct 2021 13:28

Tgt Ion:	107	Resp:	1955
Ion	Ratio	Lower	Upper
107	100		
109	94.8	63.2	117.4
188	0.0	3.4	5.2#

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5230



#51

Chlorobenzene

Concen: 0.435 ug/L

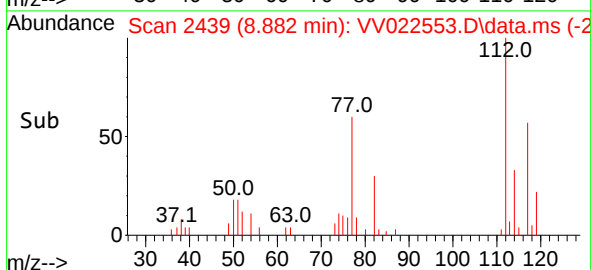
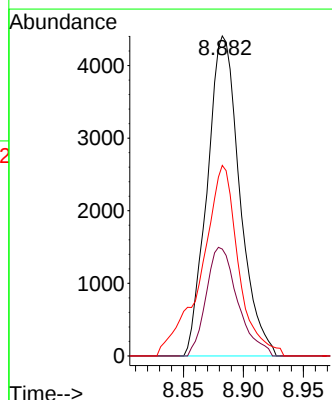
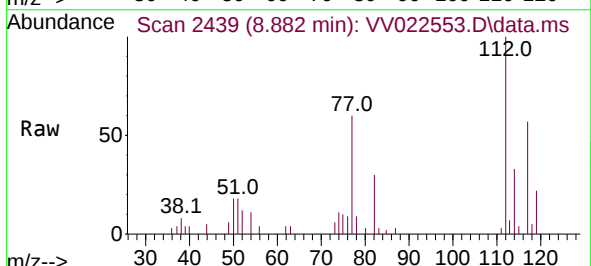
RT: 8.882 min Scan# 2439

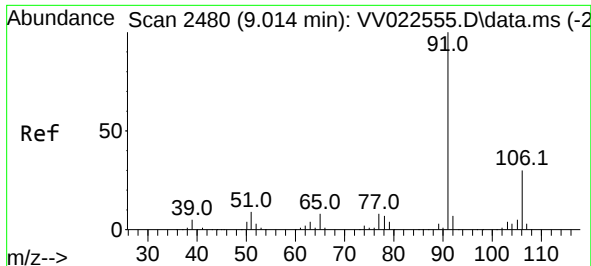
Delta R.T. -0.000 min

Lab File: VV022553.D

Acq: 04 Oct 2021 13:28

Tgt Ion:	112	Resp:	8298
Ion	Ratio	Lower	Upper
112	100		
114	33.4	21.6	40.2
77	59.5	42.8	64.2





#52

Ethylbenzene

Concen: 0.396 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. -0.003 min

Lab File: VV022553.D

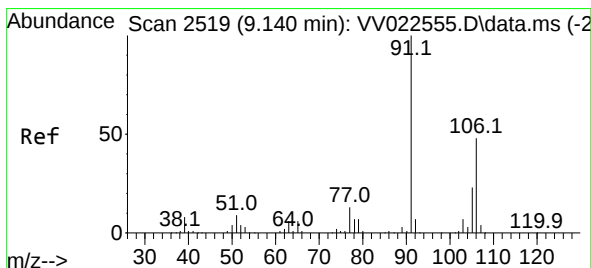
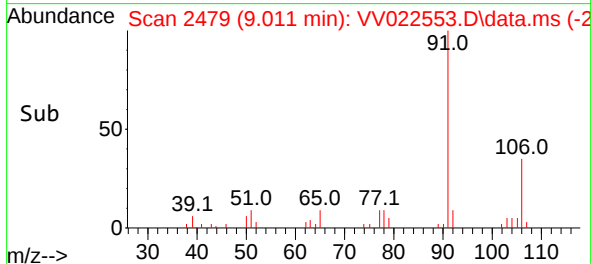
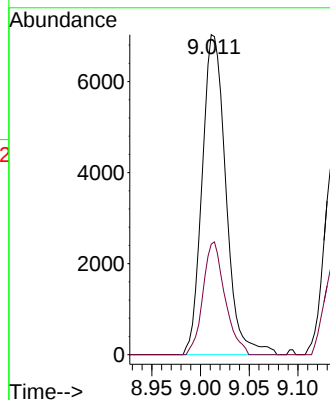
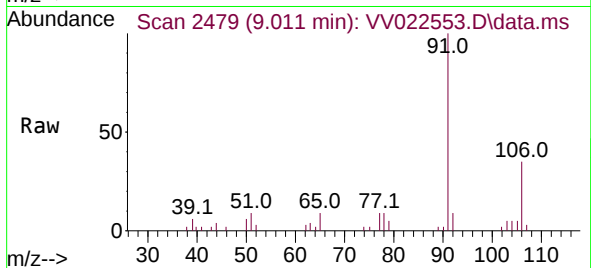
Acq: 04 Oct 2021 13:28

Tgt Ion: 91 Resp: 11915

Ion Ratio Lower Upper

91 100

106 34.5 21.3 39.6



#53

m,p-xylene

Concen: 0.351 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. -0.000 min

Lab File: VV022553.D

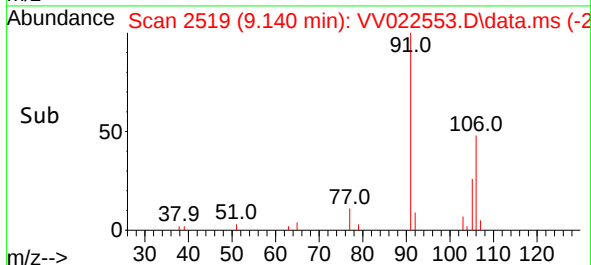
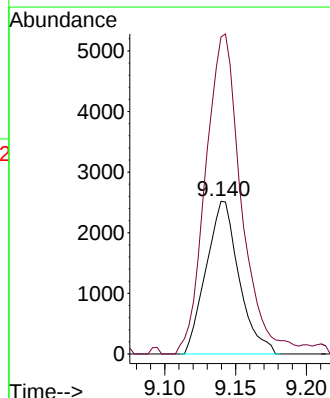
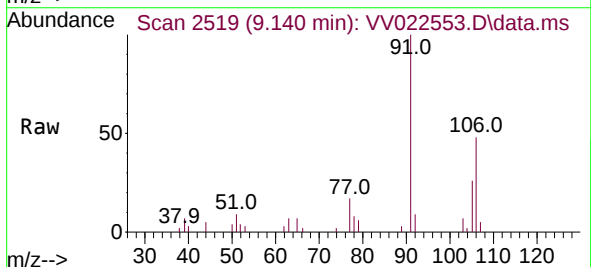
Acq: 04 Oct 2021 13:28

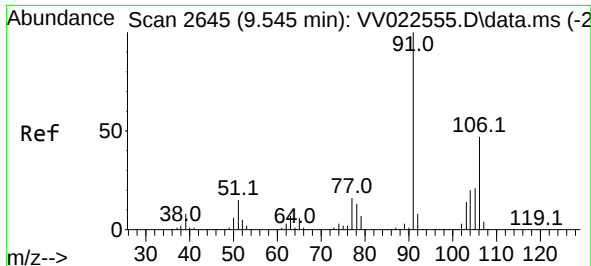
Tgt Ion: 106 Resp: 4065

Ion Ratio Lower Upper

106 100

91 207.7 144.8 269.0

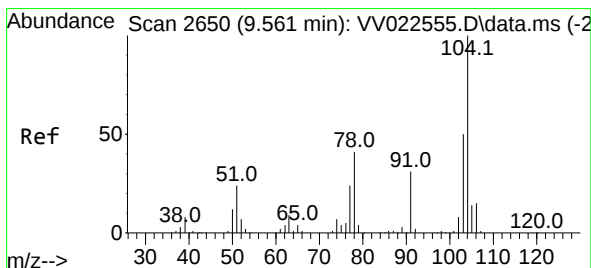
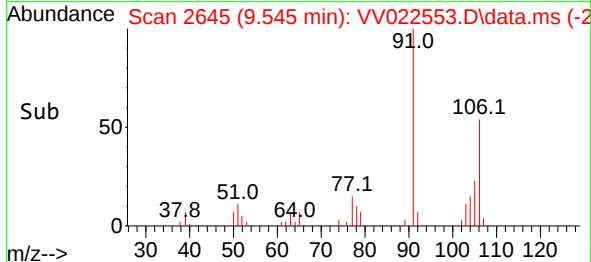
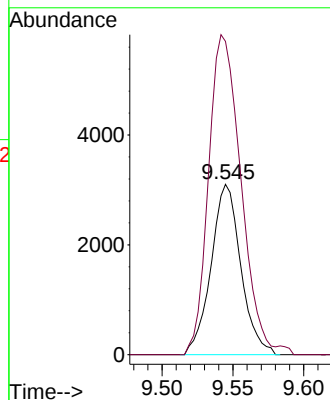
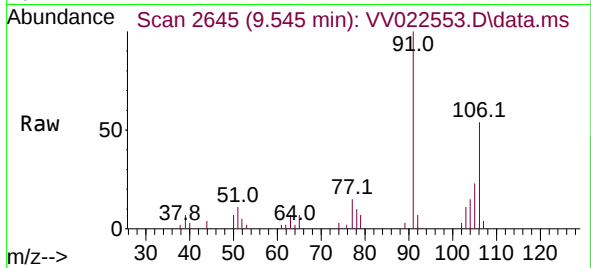




#54
o-xylene
Concen: 0.402 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV022553.D
Acq: 04 Oct 2021 13:28

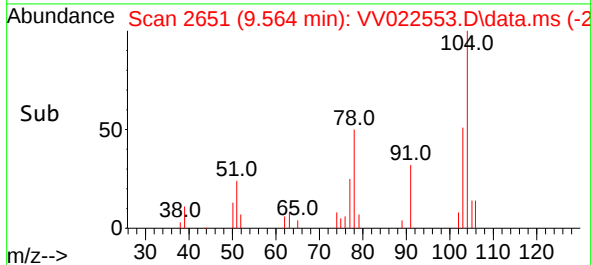
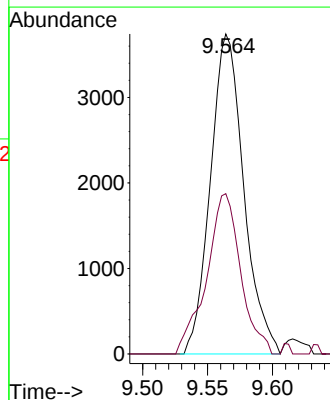
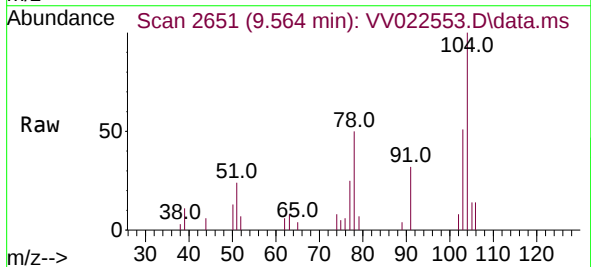
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5230

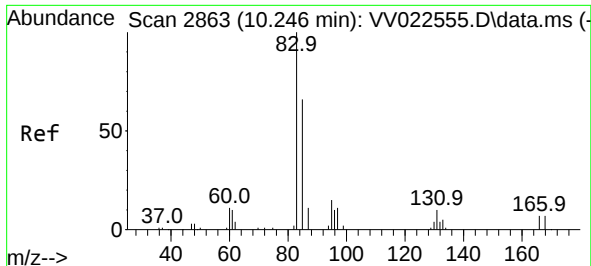
Tgt Ion:106 Resp: 4538
Ion Ratio Lower Upper
106 100
91 183.9 148.8 276.4



#55
Styrene
Concen: 0.351 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.003 min
Lab File: VV022553.D
Acq: 04 Oct 2021 13:28

Tgt Ion:104 Resp: 6669
Ion Ratio Lower Upper
104 100
78 50.1 28.7 53.3

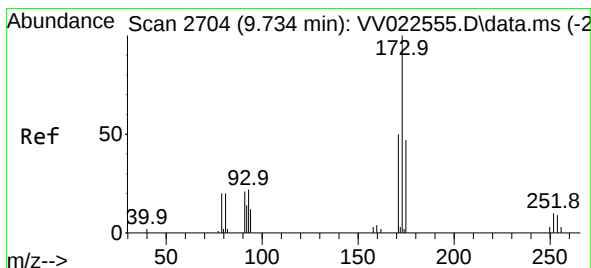
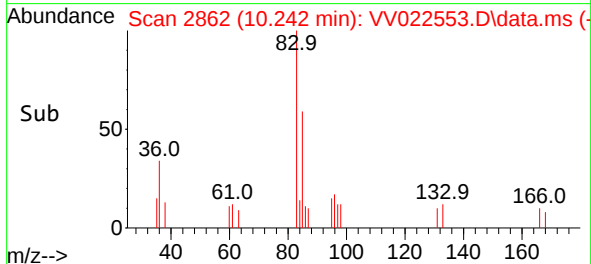
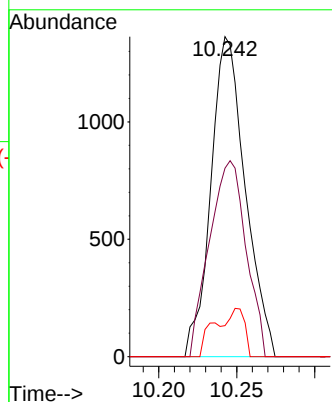
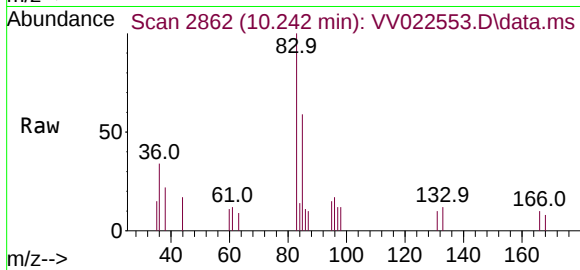




#57
1,1,2,2-Tetrachloroethane
Concen: 0.334 ug/L
RT: 10.242 min Scan# 2862
Delta R.T. -0.003 min
Lab File: VV022553.D
Acq: 04 Oct 2021 13:28

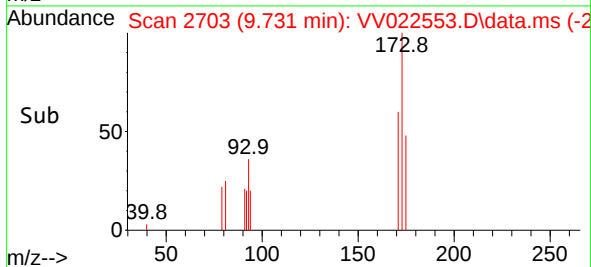
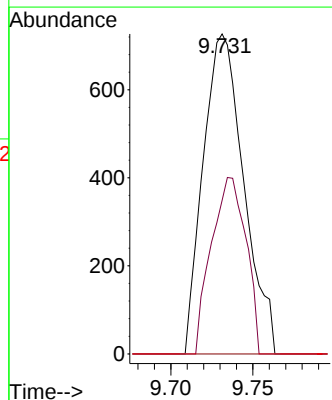
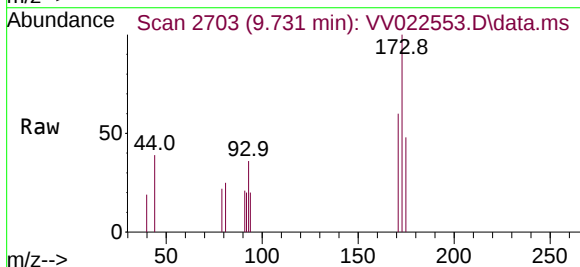
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5230

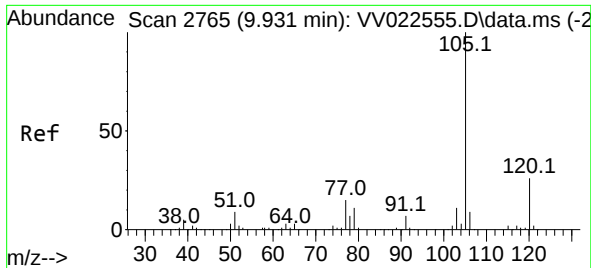
Tgt Ion:	83	Resp:	2090
Ion	Ratio	Lower	Upper
83	100		
85	58.9	46.5	86.3
131	9.7	8.6	13.0



#59
Bromoform
Concen: 0.434 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. -0.003 min
Lab File: VV022553.D
Acq: 04 Oct 2021 13:28

Tgt Ion:	173	Resp:	1249
Ion	Ratio	Lower	Upper
173	100		
175	47.0	39.0	58.4
254	0.0	7.0	10.4

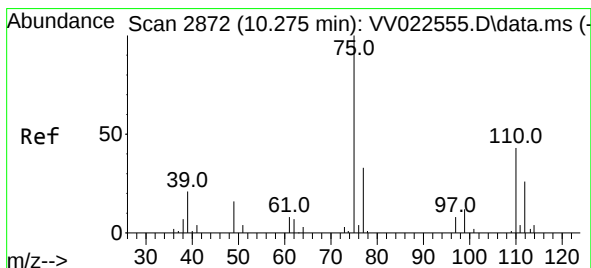
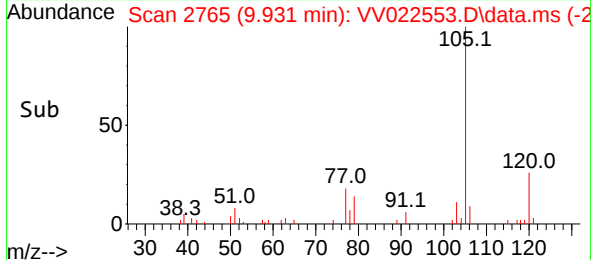
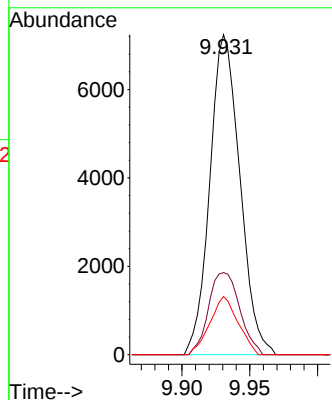
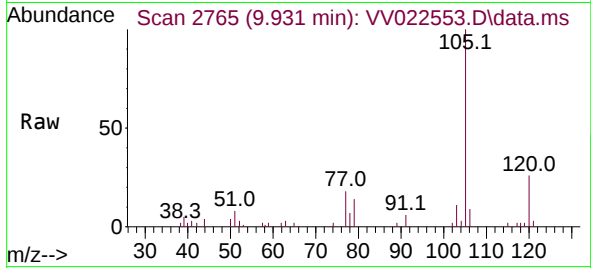




#60
Isopropylbenzene
Concen: 0.397 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV022553.D
Acq: 04 Oct 2021 13:28

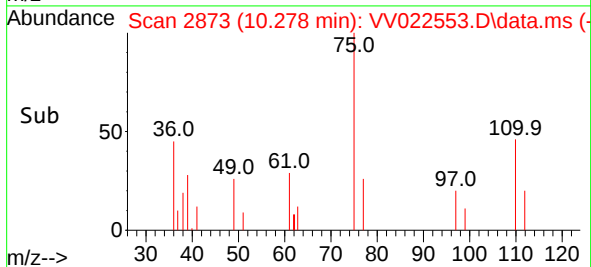
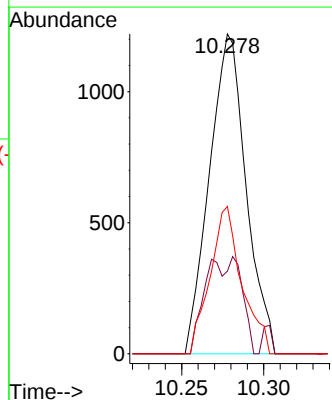
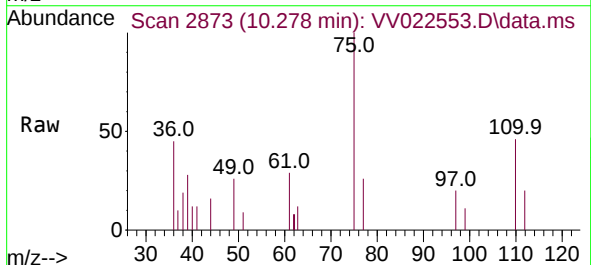
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5230

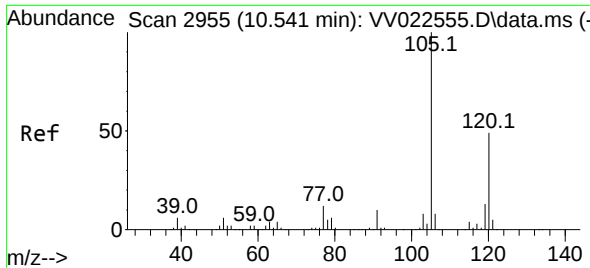
Tgt Ion:	105	Resp:	11169
Ion Ratio	Lower	Upper	
105	100		
120	26.6	21.6	32.4
77	17.1	11.8	17.8



#61
1,2,3-Trichloropropane
Concen: 0.442 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. 0.003 min
Lab File: VV022553.D
Acq: 04 Oct 2021 13:28

Tgt Ion:	75	Resp:	1892
Ion Ratio	Lower	Upper	
75	100		
77	16.1	26.1	39.1#
110	40.0	33.0	49.6

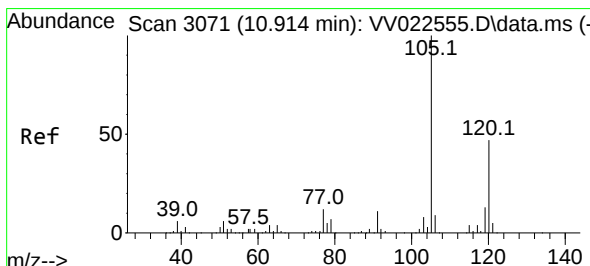
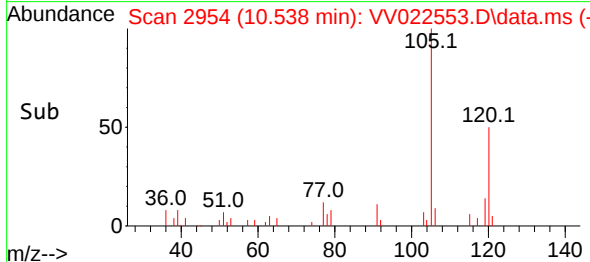
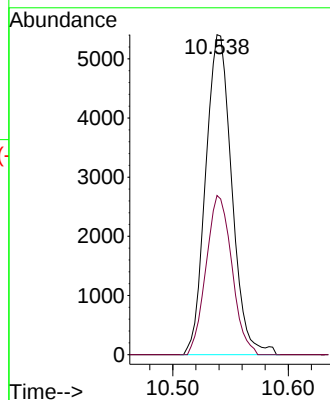
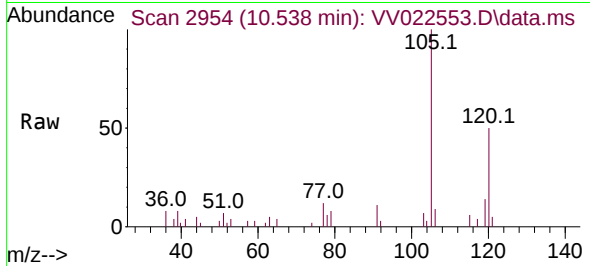




#62
1,3,5-Trimethylbenzene
Concen: 0.370 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.003 min
Lab File: VV022553.D
Acq: 04 Oct 2021 13:28

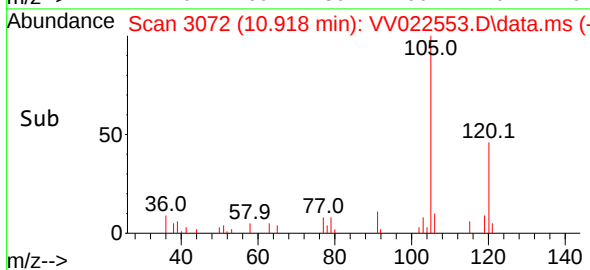
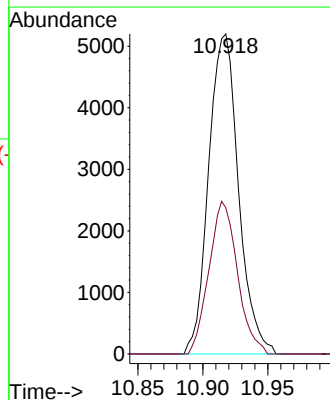
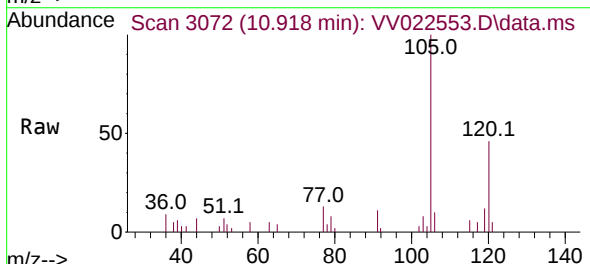
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5230

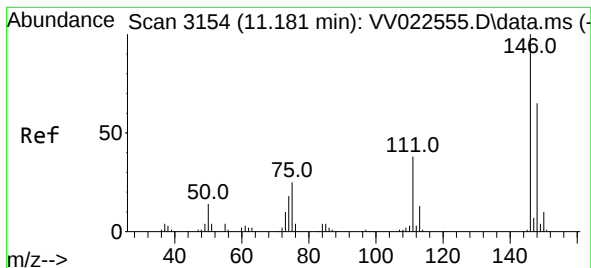
Tgt Ion:105 Resp: 8498
Ion Ratio Lower Upper
105 100
120 49.1 39.7 59.5



#63
1,2,4-Trimethylbenzene
Concen: 0.363 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV022553.D
Acq: 04 Oct 2021 13:28

Tgt Ion:105 Resp: 8312
Ion Ratio Lower Upper
105 100
120 45.5 37.2 55.8

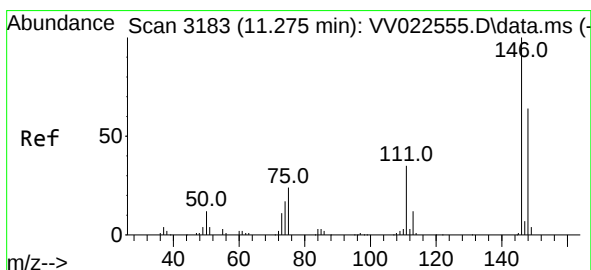
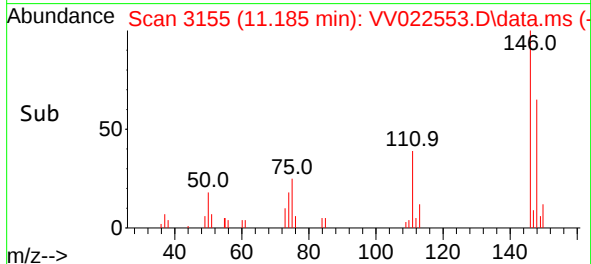
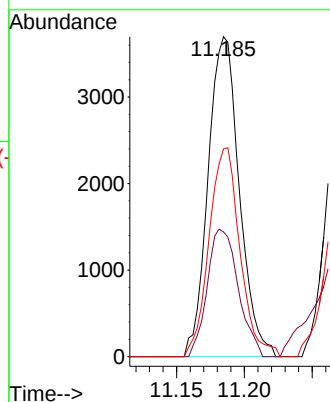
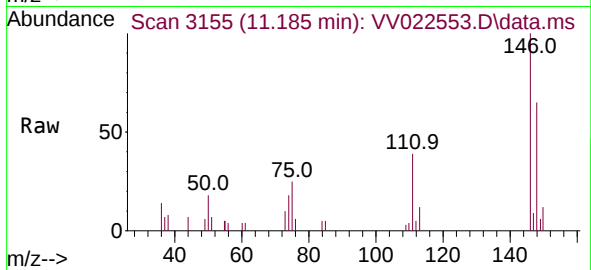




#64
1,3-Dichlorobenzene
Concen: 0.424 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.003 min
Lab File: VV022553.D
Acq: 04 Oct 2021 13:28

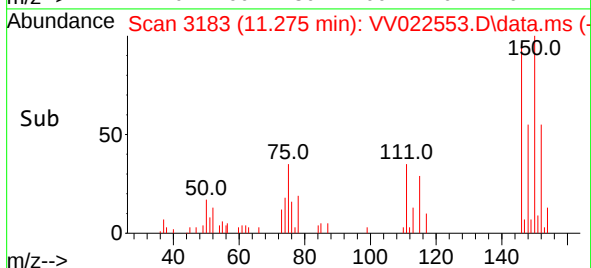
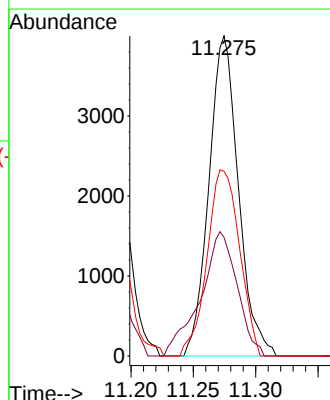
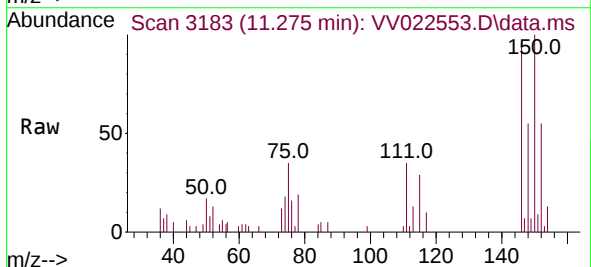
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5230

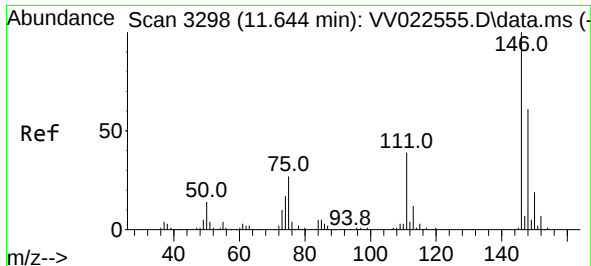
Tgt Ion:146 Resp: 5924
Ion Ratio Lower Upper
146 100
111 39.0 26.8 49.8
148 65.0 45.6 84.8



#65
1,4-Dichlorobenzene
Concen: 0.466 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. -0.000 min
Lab File: VV022553.D
Acq: 04 Oct 2021 13:28

Tgt Ion:146 Resp: 6585
Ion Ratio Lower Upper
146 100
111 37.0 24.5 45.5
148 57.7 45.0 83.6

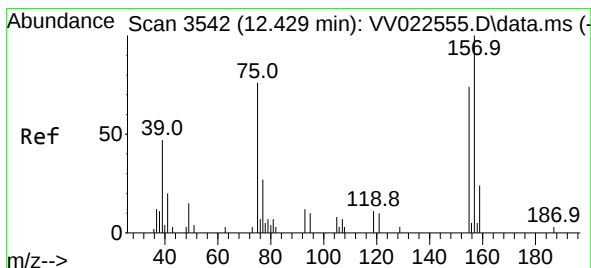
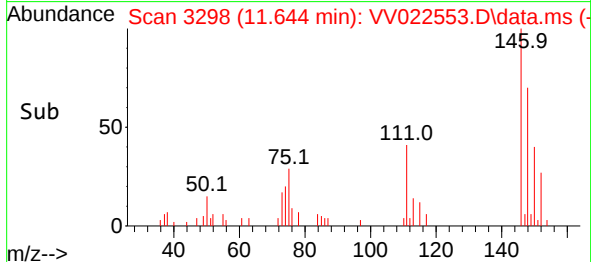
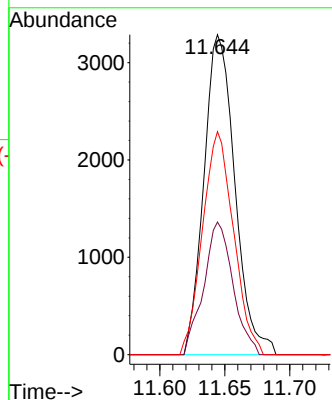
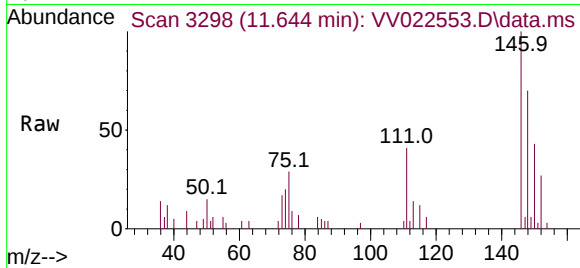




#67
1,2-Dichlorobenzene
Concen: 0.411 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. -0.000 min
Lab File: VV022553.D
Acq: 04 Oct 2021 13:28

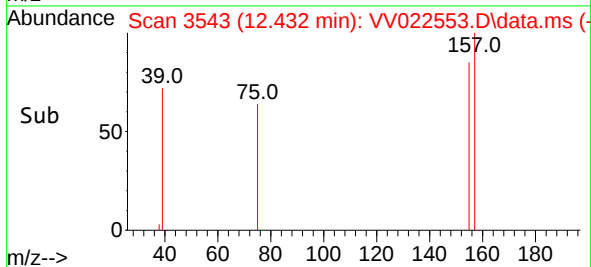
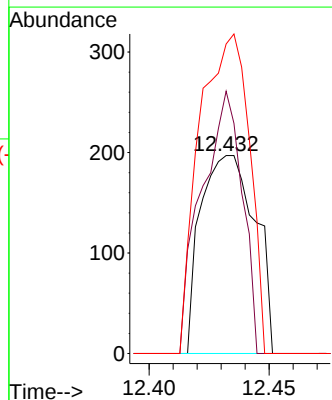
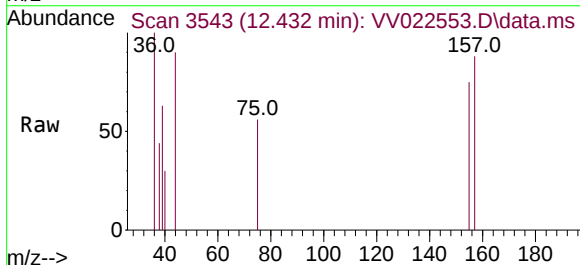
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5230

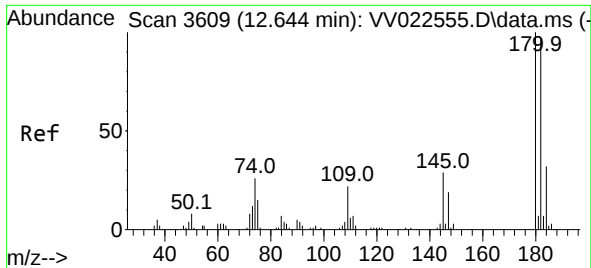
Tgt Ion:	146	Resp:	5456
Ion	Ratio	Lower	Upper
146	100		
111	41.4	31.6	47.4
148	69.7	49.0	73.6



#68
1,2-Dibromo-3-chloropropane
Concen: 0.366 ug/L
RT: 12.432 min Scan# 3543
Delta R.T. 0.003 min
Lab File: VV022553.D
Acq: 04 Oct 2021 13:28

Tgt Ion:	75	Resp:	311
Ion	Ratio	Lower	Upper
75	100		
155	132.5	77.4	116.2#
157	156.3	104.7	157.1

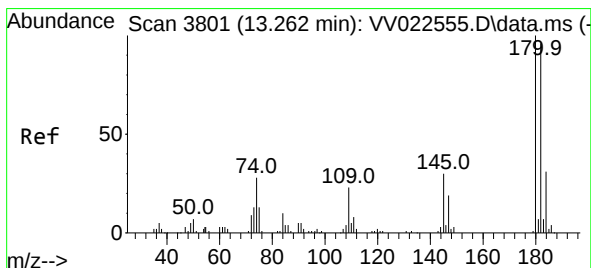
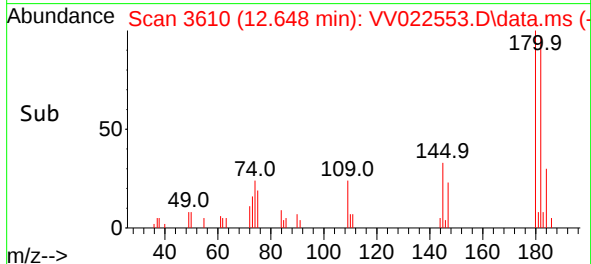
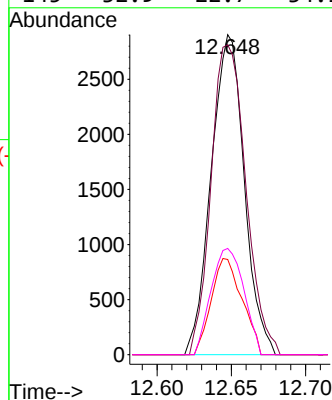
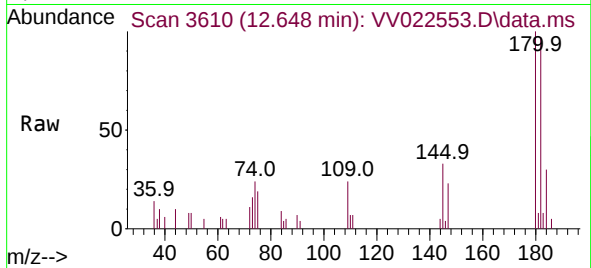




#69
1,3,5-Trichlorobenzene
Concen: 0.427 ug/L
RT: 12.648 min Scan# 3610
Delta R.T. 0.003 min
Lab File: VV022553.D
Acq: 04 Oct 2021 13:28

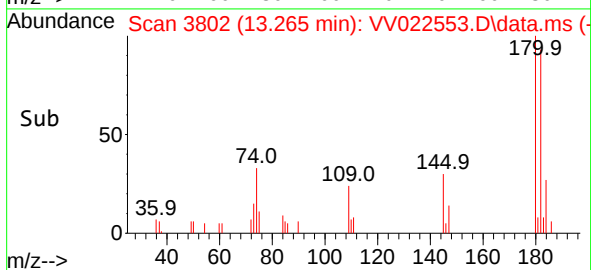
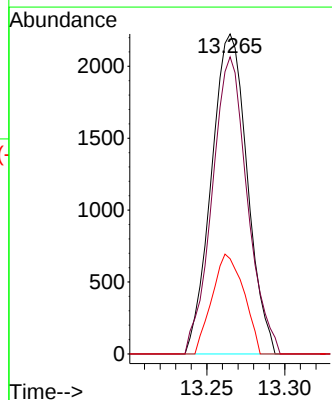
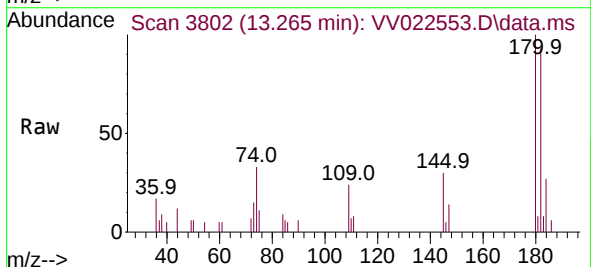
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5230

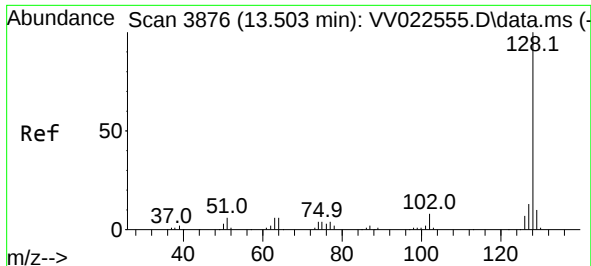
Tgt Ion:180 Resp: 4497
Ion Ratio Lower Upper
180 100
182 101.8 77.0 115.6
184 28.0 25.0 37.6
145 32.9 22.7 34.1



#70
1,2,4-trichlorobenzene
Concen: 0.427 ug/L
RT: 13.265 min Scan# 3802
Delta R.T. 0.003 min
Lab File: VV022553.D
Acq: 04 Oct 2021 13:28

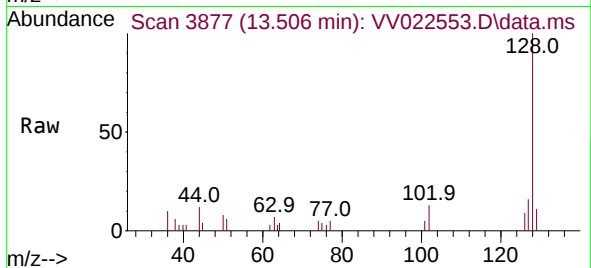
Tgt Ion:180 Resp: 3558
Ion Ratio Lower Upper
180 100
182 90.9 77.1 115.7
145 27.5 22.8 34.2



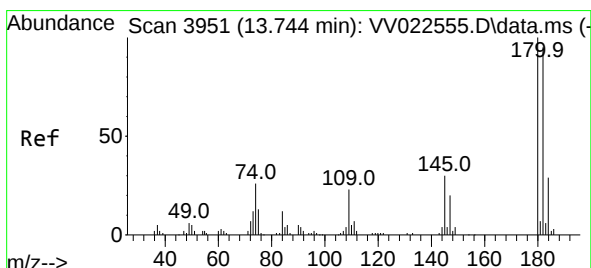
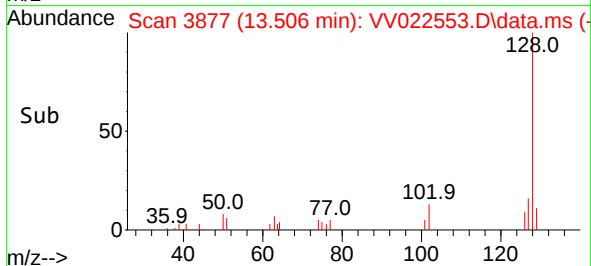
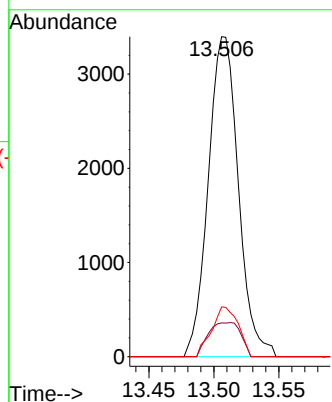


#71
Naphthalene
Concen: 0.366 ug/L
RT: 13.506 min Scan# 3877
Delta R.T. 0.003 min
Lab File: VV022553.D
Acq: 04 Oct 2021 13:28

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5230



Tgt Ion:128 Resp: 5472
Ion Ratio Lower Upper
128 100
129 11.4 8.3 12.5
127 13.7 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 0.394 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VV022553.D
Acq: 04 Oct 2021 13:28

Tgt Ion:180 Resp: 3093
Ion Ratio Lower Upper
180 100
182 95.1 75.4 113.0
145 33.6 24.4 36.6

