

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100421\
 Data File : VW022557.D
 Acq On : 04 Oct 2021 15:06
 Operator : SY/MD
 Sample : VSTD02034
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020234

Quant Time: Oct 05 01:40:00 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	5.622	114	115037	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.860	117	110754	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	62391	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	71630	13.551	ug/L	0.00
7) Chloroethane-d5	1.571	69	100241	15.778	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	213567	16.318	ug/L	0.00
20) 2-Butanone-d5	3.947	46	455456	198.542	ug/L	0.01
24) Chloroform-d	4.349	84	292479	18.176	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.040	65	138047	18.079	ug/L	0.00
32) Benzene-d6	5.047	84	506744	17.034	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.079	67	170312	18.191	ug/L	0.00
41) Toluene-d8	7.326	98	438888	16.627	ug/L	0.01
43) trans-1,3-Dichloroprop...	7.632	79	50711	17.821	ug/L	0.00
46) 2-Hexanone-d5	8.104	63	354979	203.475	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.220	84	137875	17.549	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	188317	16.891	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	185270	20.738	ug/L	99
3) Chloromethane	1.246	50	186567	20.830	ug/L	100
5) Vinyl chloride	1.317	62	182980	21.093	ug/L	99
6) Bromomethane	1.526	94	119317	21.386	ug/L	99
8) Chloroethane	1.590	64	110987	20.266	ug/L	99
9) Trichlorofluoromethane	1.757	101	279958	22.868	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	156922	21.706	ug/L	99
12) 1,1-Dichloroethene	2.121	96	143510	21.639	ug/L	95
13) Acetone	2.458	43	46271	35.535	ug/L	86
14) Carbon disulfide	2.291	76	437346	20.079	ug/L	98
15) Methyl Acetate	2.458	43	83384	27.188	ug/L	97
16) Methylene chloride	2.510	84	152239	13.722	ug/L	97
17) Methyl tert-butyl Ether	2.786	73	370570	21.309	ug/L	99
18) trans-1,2-Dichloroethene	2.757	96	157870	20.295	ug/L	99
19) 1,1-Dichloroethane	3.185	63	284452	20.820	ug/L	99
21) 2-Butanone	4.037	43	408463	206.826	ug/L	85
22) cis-1,2-Dichloroethene	3.905	96	170507	21.774	ug/L	97
23) Bromochloromethane	4.246	128	84198	23.198	ug/L	91
25) Chloroform	4.375	83	304919	21.405	ug/L	100
27) 1,2-Dichloroethane	5.140	62	168949	20.898	ug/L	96
29) 1,1,1-Trichloroethane	4.603	97	269702	22.500	ug/L	99
30) Cyclohexane	4.664	56	257850	22.247	ug/L	97
31) Carbon tetrachloride	4.821	117	243614	23.964	ug/L	100
33) Benzene	5.098	78	637410	21.537	ug/L	100
34) Trichloroethene	5.915	95	168520	22.091	ug/L	98
35) Methylcyclohexane	6.130	83	277202	23.212	ug/L	99
37) 1,2-Dichloropropane	6.182	63	152762	20.505	ug/L	98
38) Bromodichloromethane	6.522	83	197819	21.772	ug/L	97
39) cis-1,3-Dichloropropene	7.040	75	229321	23.346	ug/L	99
40) 4-Methyl-2-pentanone	7.249	43	912639	198.008	ug/L	99
42) Toluene	7.397	91	693663	22.260	ug/L	100
44) trans-1,3-Dichloropropene	7.661	75	194015	23.326	ug/L	98

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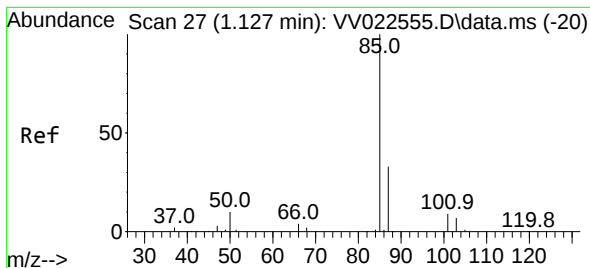
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.850	97	114363	20.478	ug/L	98
47) Tetrachloroethene	7.982	164	143716	22.488	ug/L	98
48) 2-Hexanone	8.156	43	637056	197.104	ug/L	99
49) Dibromochloromethane	8.255	129	145315	23.649	ug/L	97
50) 1,2-Dibromoethane	8.361	107	111647	21.519	ug/L	97
51) Chlorobenzene	8.886	112	440626	21.455	ug/L	99
52) Ethylbenzene	9.017	91	739768	22.808	ug/L	98
53) m,p-xylene	9.143	106	292590	23.441	ug/L	94
54) o-xylene	9.548	106	283726	23.320	ug/L	99
55) Styrene	9.564	104	493370	24.128	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.246	83	130361	19.349	ug/L	96
59) Bromoform	9.734	173	81090	22.834	ug/L	100
60) Isopropylbenzene	9.934	105	766983	22.085	ug/L	100
61) 1,2,3-Trichloropropane	10.278	75	92883	17.588	ug/L	98
62) 1,3,5-Trimethylbenzene	10.541	105	652371	23.013	ug/L	100
63) 1,2,4-Trimethylbenzene	10.918	105	662697	23.439	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	370555	21.498	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	369914	21.212	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	342626	20.932	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.429	75	19830	18.931	ug/L	99
69) 1,3,5-Trichlorobenzene	12.647	180	283571	21.815	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	237836	23.130	ug/L	98
71) Naphthalene	13.503	128	429243	23.247	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	225776	23.300	ug/L	99

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

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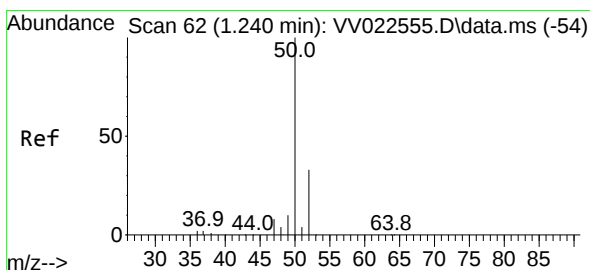
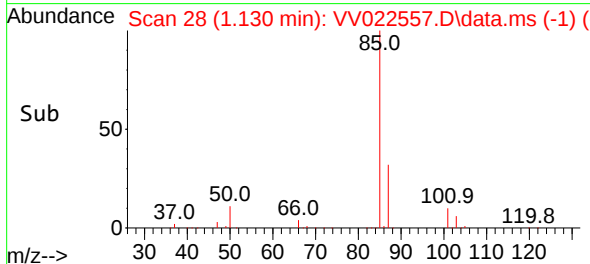
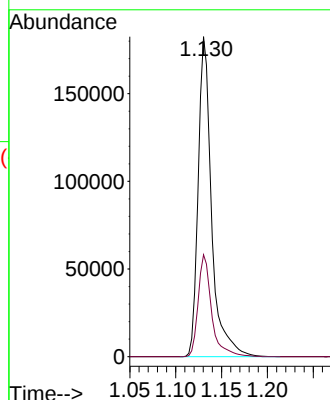
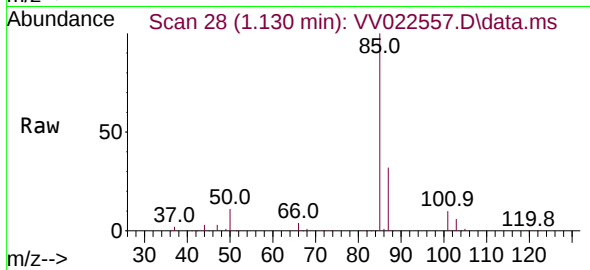




#2
 Dichlorodifluoromethane
 Concen: 20.738 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. 0.003 min
 Lab File: VV022557.D
 Acq: 04 Oct 2021 15:06

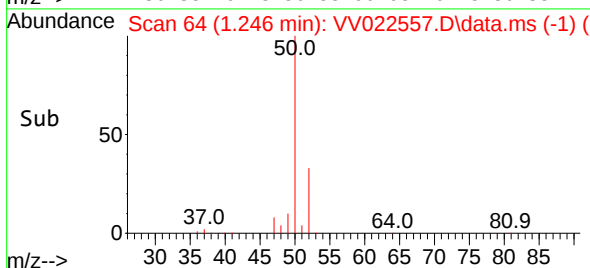
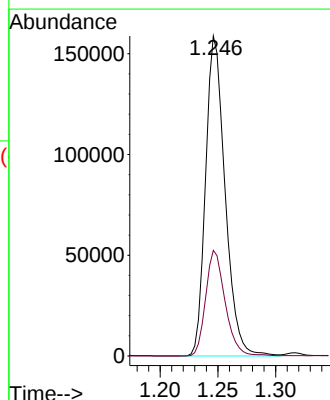
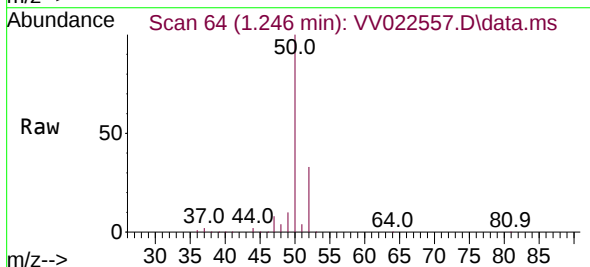
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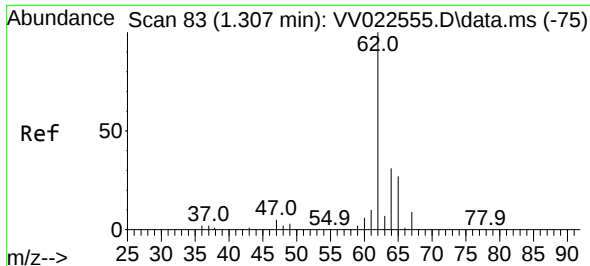
Tgt Ion: 85 Resp: 185270
 Ion Ratio Lower Upper
 85 100
 87 32.1 25.4 38.0



#3
 Chloromethane
 Concen: 20.830 ug/L
 RT: 1.246 min Scan# 64
 Delta R.T. 0.006 min
 Lab File: VV022557.D
 Acq: 04 Oct 2021 15:06

Tgt Ion: 50 Resp: 186567
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.0 42.8

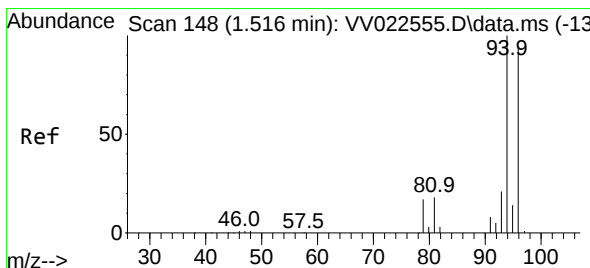
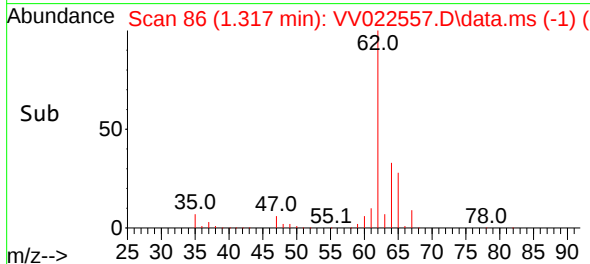
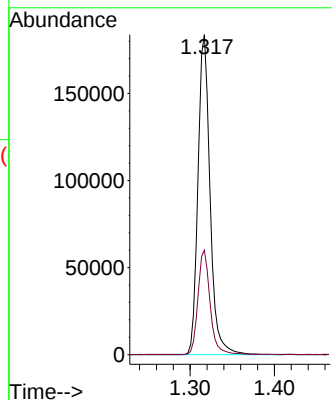
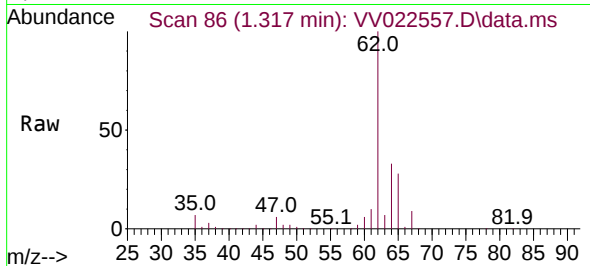




#5
 Vinyl chloride
 Concen: 21.093 ug/L
 RT: 1.317 min Scan# 86
 Delta R.T. 0.010 min
 Lab File: VV022557.D
 Acq: 04 Oct 2021 15:06

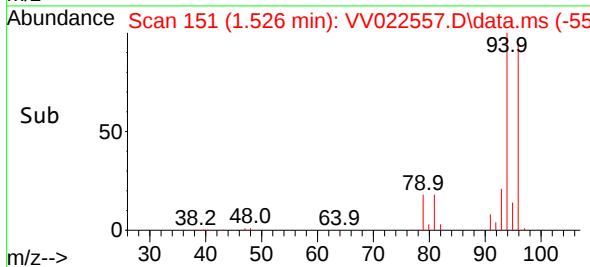
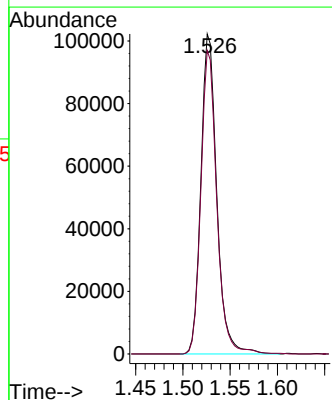
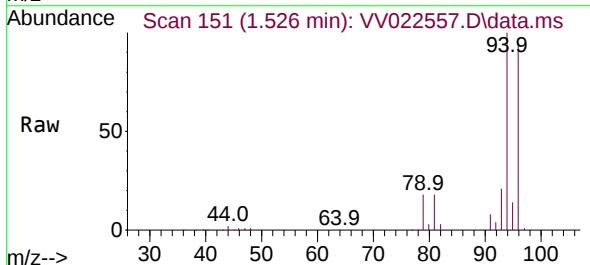
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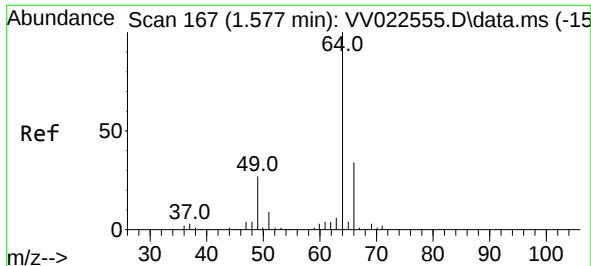
Tgt Ion: 62 Resp: 182980
 Ion Ratio Lower Upper
 62 100
 64 32.6 22.3 41.5



#6
 Bromomethane
 Concen: 21.386 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. 0.010 min
 Lab File: VV022557.D
 Acq: 04 Oct 2021 15:06

Tgt Ion: 94 Resp: 119317
 Ion Ratio Lower Upper
 94 100
 96 94.8 65.9 122.3

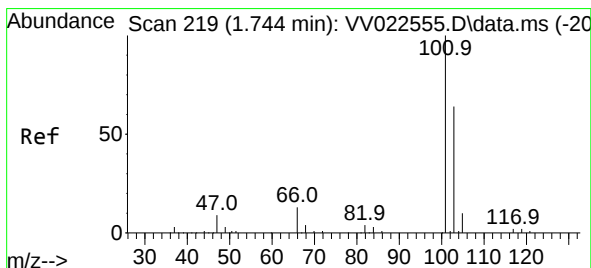
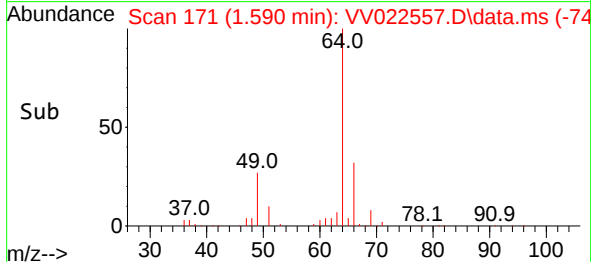
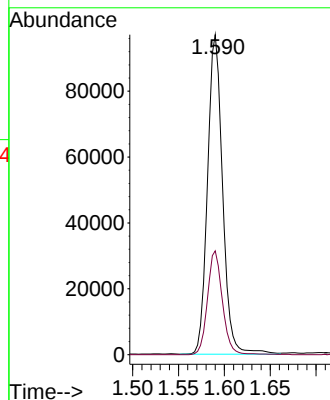
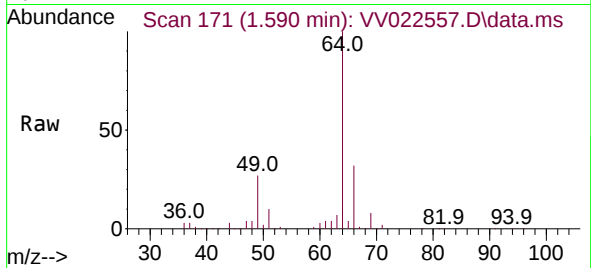




#8
Chloroethane
Concen: 20.266 ug/L
RT: 1.590 min Scan# 171
Delta R.T. 0.013 min
Lab File: VV022557.D
Acq: 04 Oct 2021 15:06

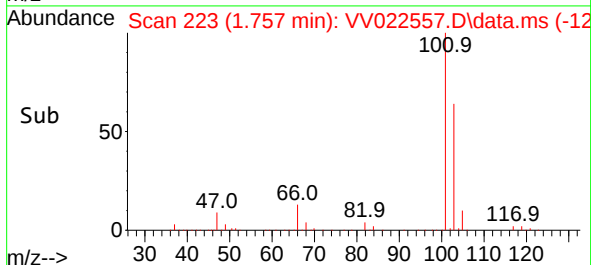
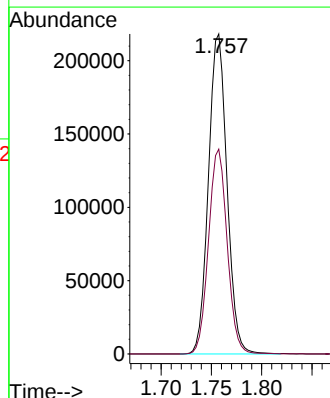
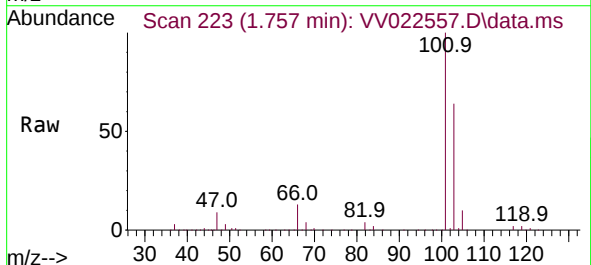
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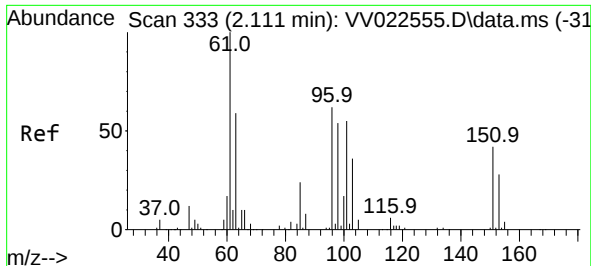
Tgt Ion: 64 Resp: 110987
Ion Ratio Lower Upper
64 100
66 32.4 23.2 43.0



#9
Trichlorofluoromethane
Concen: 22.868 ug/L
RT: 1.757 min Scan# 223
Delta R.T. 0.013 min
Lab File: VV022557.D
Acq: 04 Oct 2021 15:06

Tgt Ion:101 Resp: 279958
Ion Ratio Lower Upper
101 100
103 64.4 51.4 77.2

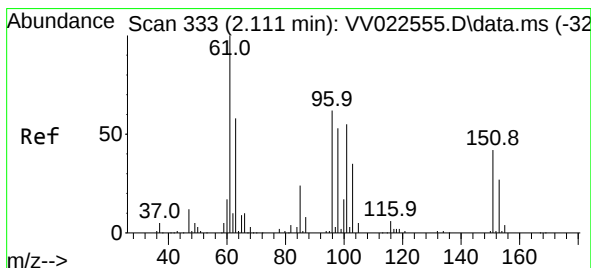
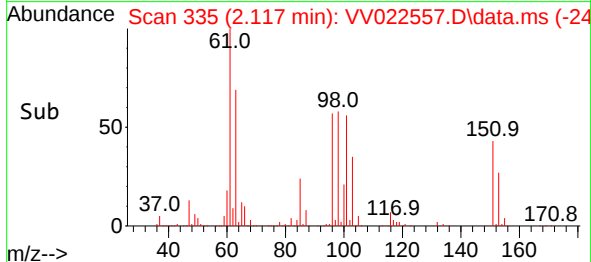
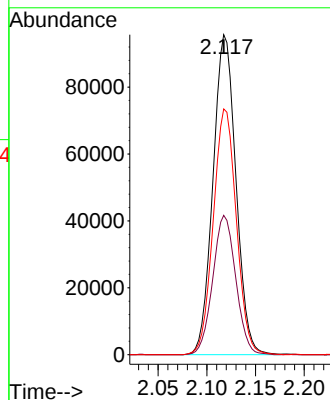
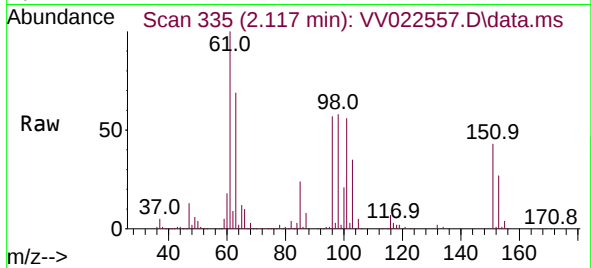




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 21.706 ug/L
RT: 2.117 min Scan# 335
Delta R.T. 0.006 min
Lab File: VV022557.D
Acq: 04 Oct 2021 15:06

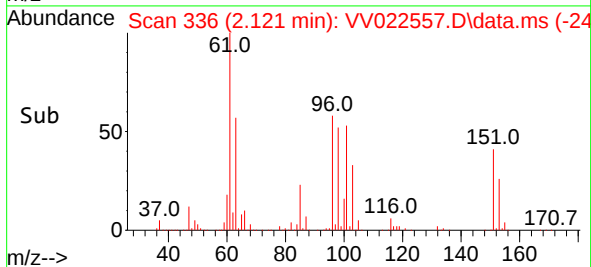
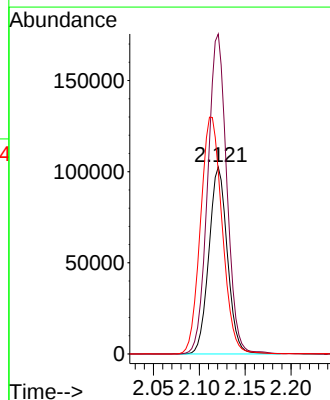
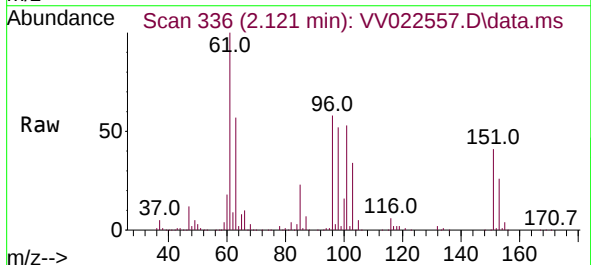
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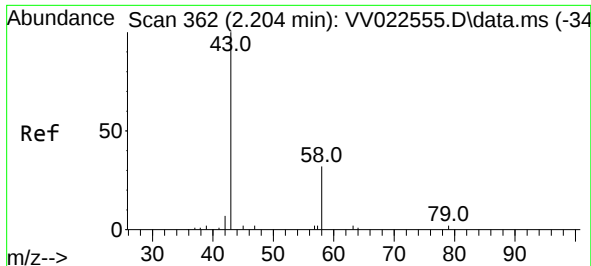
Tgt Ion:101 Resp: 156922
Ion Ratio Lower Upper
101 100
85 43.6 35.8 53.6
151 77.2 61.9 92.9



#12
1,1-Dichloroethene
Concen: 21.639 ug/L
RT: 2.121 min Scan# 336
Delta R.T. 0.010 min
Lab File: VV022557.D
Acq: 04 Oct 2021 15:06

Tgt Ion: 96 Resp: 143510
Ion Ratio Lower Upper
96 100
61 171.2 113.2 210.2
63 97.7 66.6 123.8

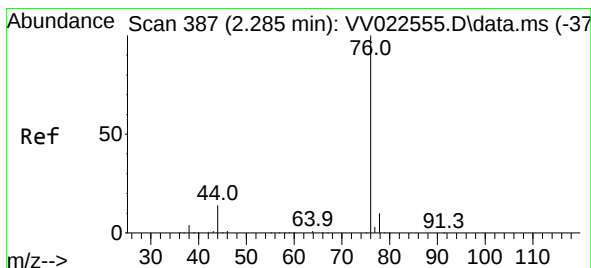
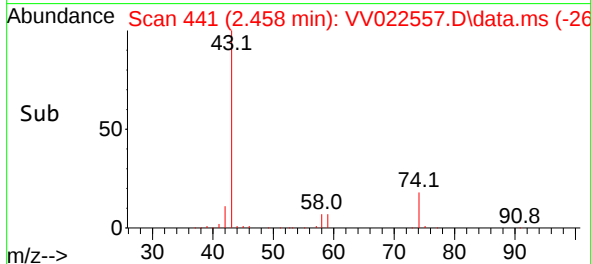
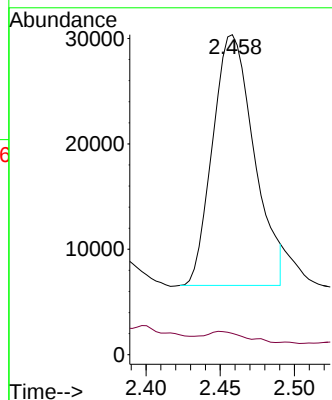
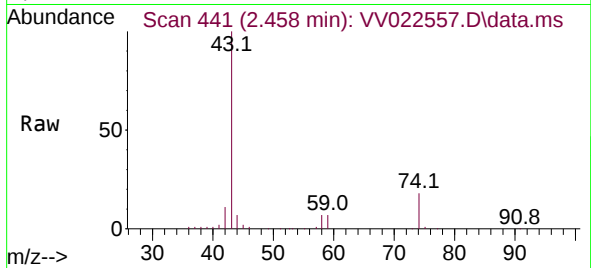




#13
Acetone
Concen: 35.535 ug/L
RT: 2.458 min Scan# 441
Delta R.T. 0.254 min
Lab File: VV022557.D
Acq: 04 Oct 2021 15:06

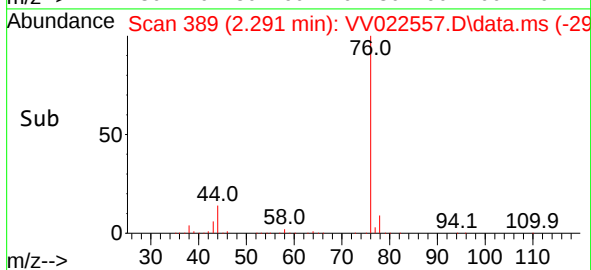
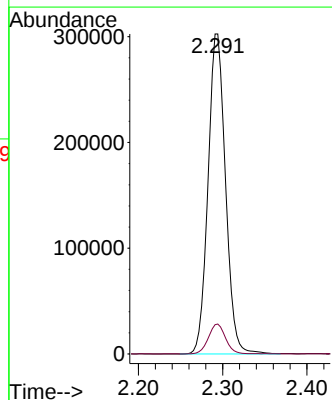
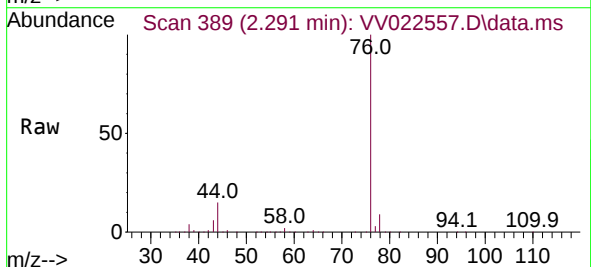
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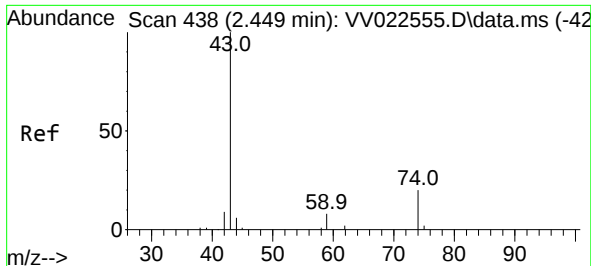
Tgt Ion: 43 Resp: 46271
Ion Ratio Lower Upper
43 100
58 3.9 0.0 17.6



#14
Carbon disulfide
Concen: 20.079 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.006 min
Lab File: VV022557.D
Acq: 04 Oct 2021 15:06

Tgt Ion: 76 Resp: 437346
Ion Ratio Lower Upper
76 100
78 9.1 7.8 11.6

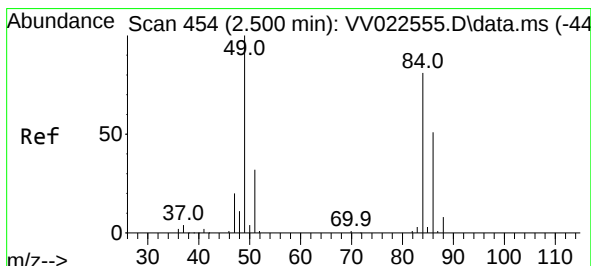
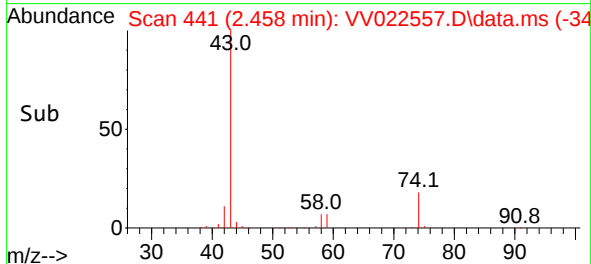
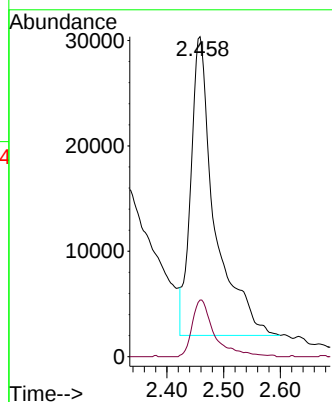
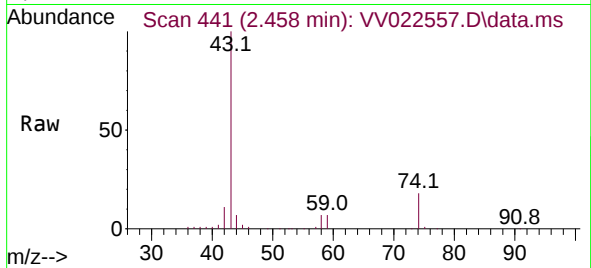




#15
Methyl Acetate
Concen: 27.188 ug/L
RT: 2.458 min Scan# 441
Delta R.T. 0.010 min
Lab File: VV022557.D
Acq: 04 Oct 2021 15:06

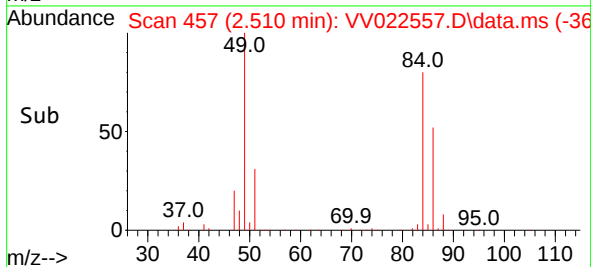
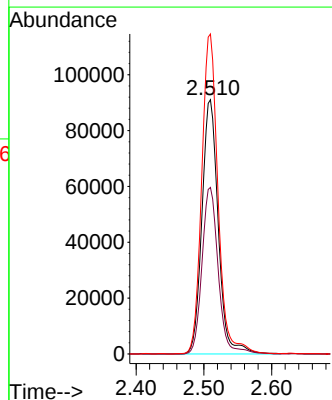
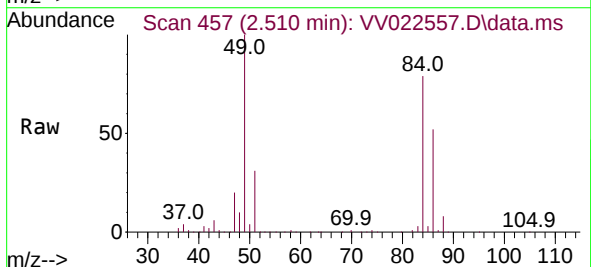
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MSVOA_V
ClientSampleId :
VSTD020234

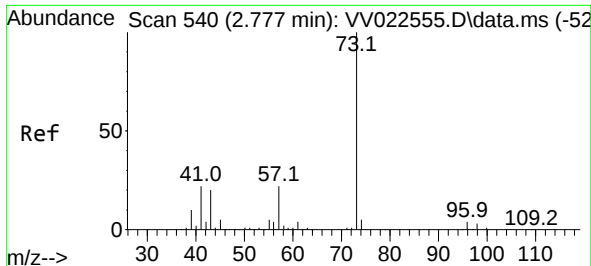
Tgt Ion: 43 Resp: 83384
Ion Ratio Lower Upper
43 100
74 17.6 13.0 19.4



#16
Methylene chloride
Concen: 13.722 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.010 min
Lab File: VV022557.D
Acq: 04 Oct 2021 15:06

Tgt Ion: 84 Resp: 152239
Ion Ratio Lower Upper
84 100
86 65.5 44.0 81.8
49 125.9 85.9 159.5

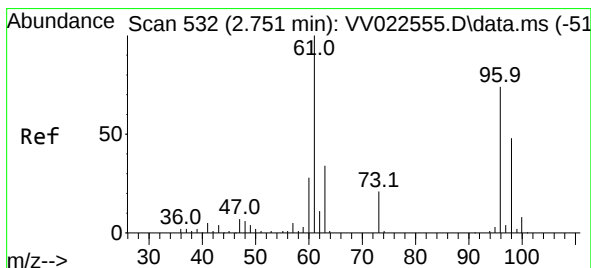
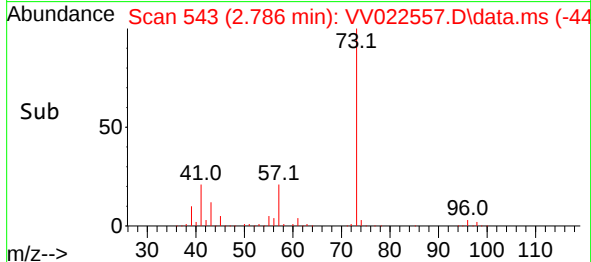
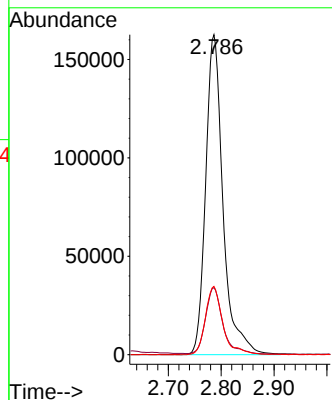
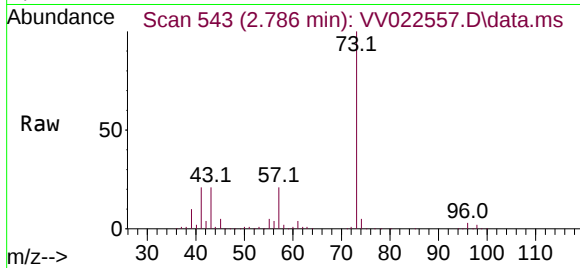




#17
Methyl tert-butyl Ether
Concen: 21.309 ug/L
RT: 2.786 min Scan# 543
Delta R.T. 0.010 min
Lab File: VV022557.D
Acq: 04 Oct 2021 15:06

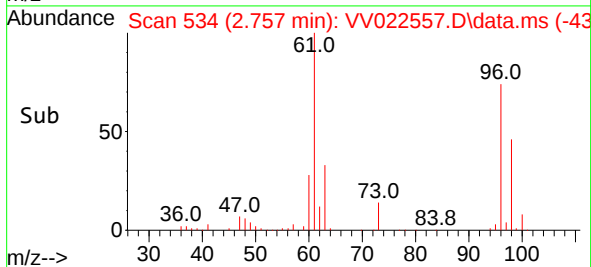
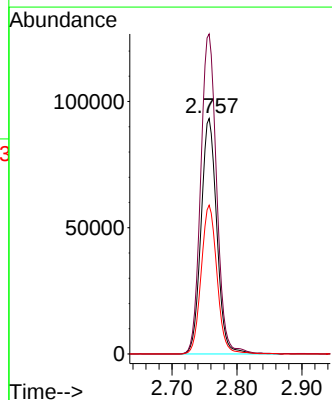
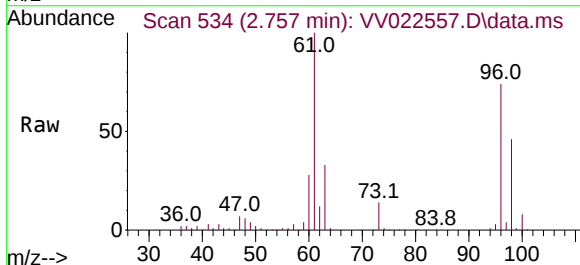
Instrument :
MSVOA_V
ClientSampleId :
VSTD020234

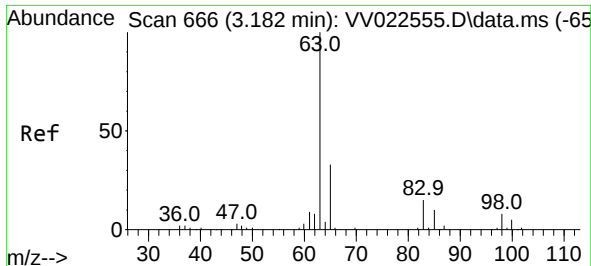
Tgt Ion: 73 Resp: 370570
Ion Ratio Lower Upper
73 100
43 21.0 16.3 24.5
57 21.5 17.5 26.3



#18
trans-1,2-Dichloroethene
Concen: 20.295 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.006 min
Lab File: VV022557.D
Acq: 04 Oct 2021 15:06

Tgt Ion: 96 Resp: 157870
Ion Ratio Lower Upper
96 100
61 135.8 94.0 174.6
98 63.2 44.9 83.3





#19

1,1-Dichloroethane

Concen: 20.820 ug/L

RT: 3.185 min Scan# 667

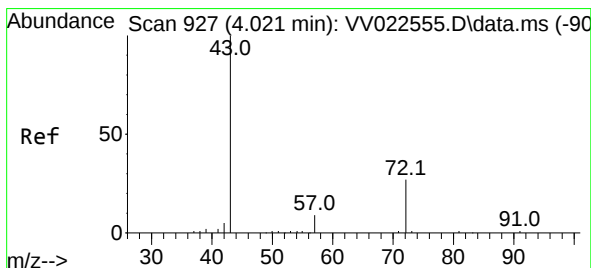
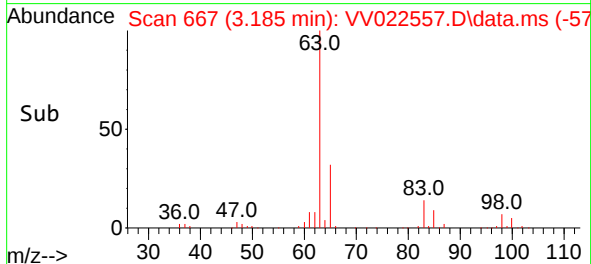
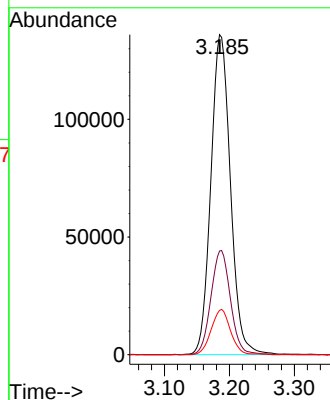
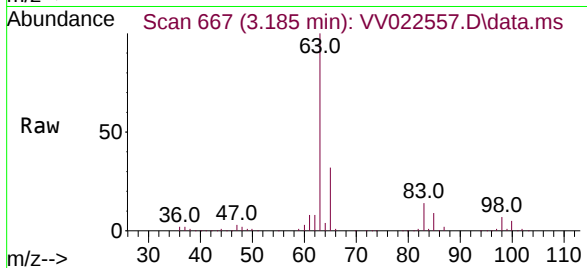
Delta R.T. 0.003 min

Lab File: VV022557.D

Acq: 04 Oct 2021 15:06

Tgt Ion: 63 Resp: 284452

Ion	Ratio	Lower	Upper
63	100		
65	32.4	22.8	42.4
83	13.9	10.2	19.0



#21

2-Butanone

Concen: 206.826 ug/L

RT: 4.037 min Scan# 932

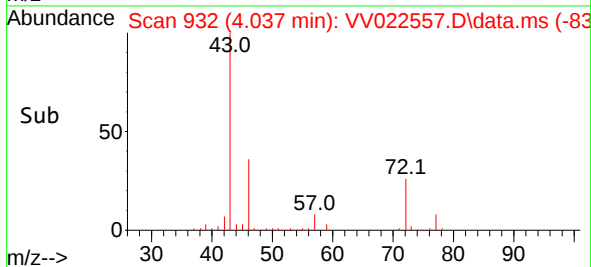
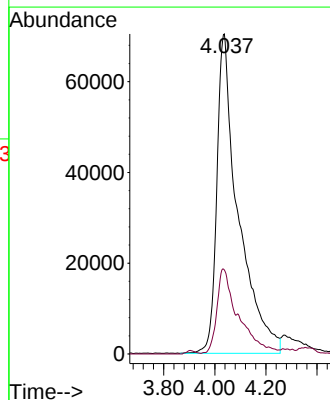
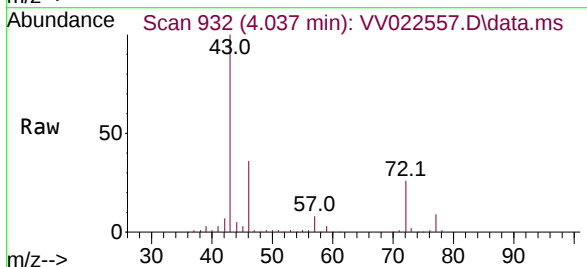
Delta R.T. 0.016 min

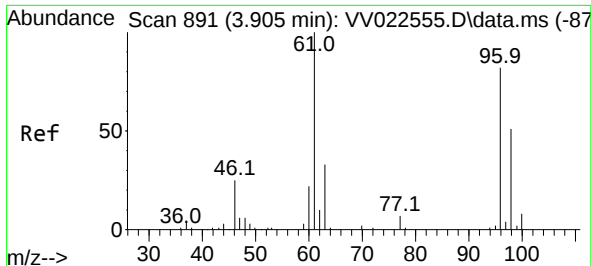
Lab File: VV022557.D

Acq: 04 Oct 2021 15:06

Tgt Ion: 43 Resp: 408463

Ion	Ratio	Lower	Upper
43	100		
72	17.7	12.7	38.1

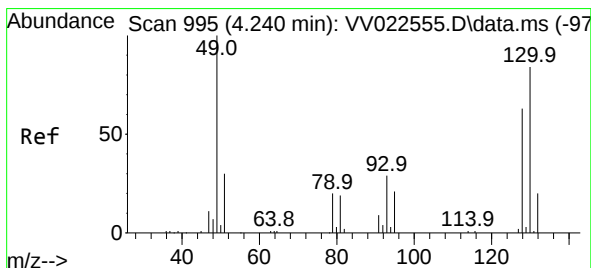
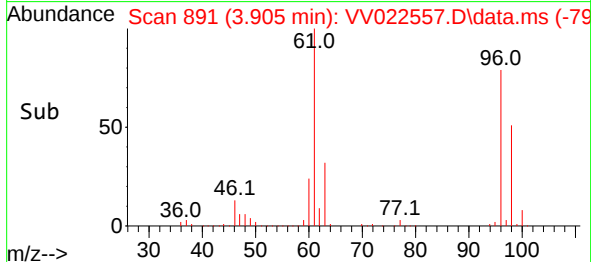
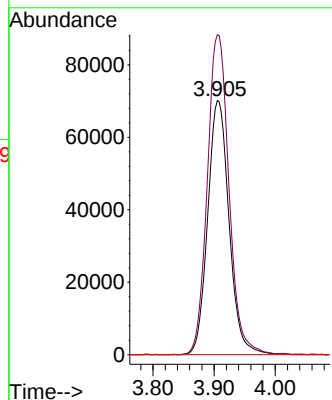
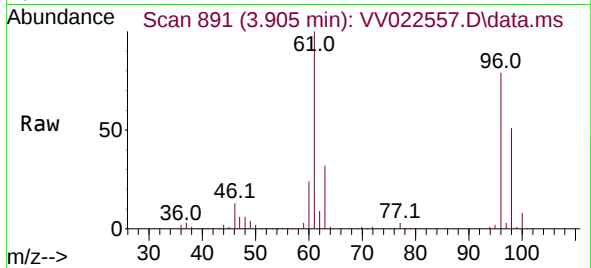




#22
cis-1,2-Dichloroethene
Concen: 21.774 ug/L
RT: 3.905 min Scan# 891
Delta R.T. -0.000 min
Lab File: VV022557.D
Acq: 04 Oct 2021 15:06

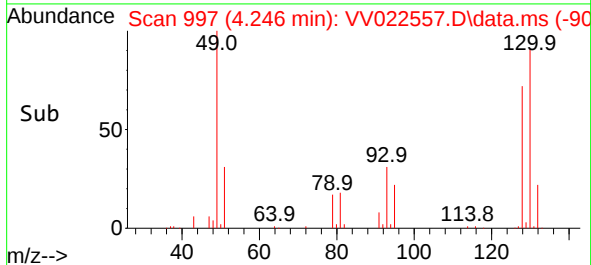
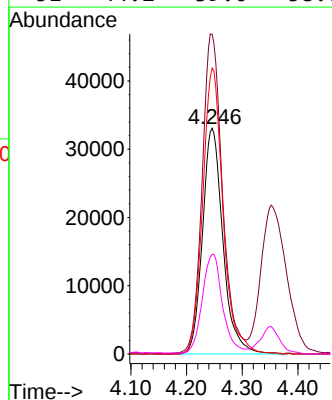
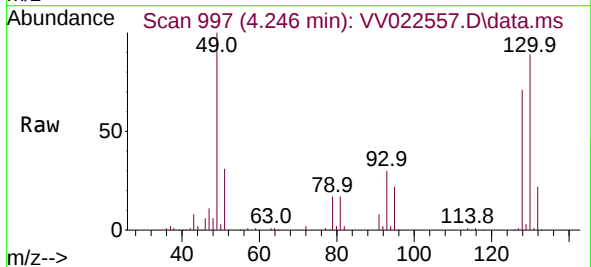
Instrument :
MSVOA_V
ClientSampleId :
VSTD020234

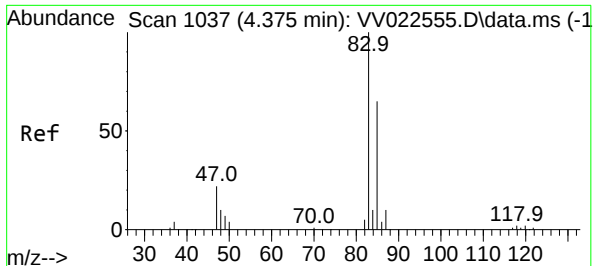
Tgt Ion: 96 Resp: 170507
Ion Ratio Lower Upper
96 100
61 125.9 85.6 159.0
68 0.0 0.0 0.0



#23
Bromochloromethane
Concen: 23.198 ug/L
RT: 4.246 min Scan# 997
Delta R.T. 0.006 min
Lab File: VV022557.D
Acq: 04 Oct 2021 15:06

Tgt Ion: 128 Resp: 84198
Ion Ratio Lower Upper
128 100
49 141.7 110.7 205.5
130 126.8 93.2 173.2
51 44.2 39.0 58.6





#25

Chloroform

Concen: 21.405 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VV022557.D

Acq: 04 Oct 2021 15:06

Tgt Ion: 83 Resp: 304919

Ion Ratio Lower Upper

83 100

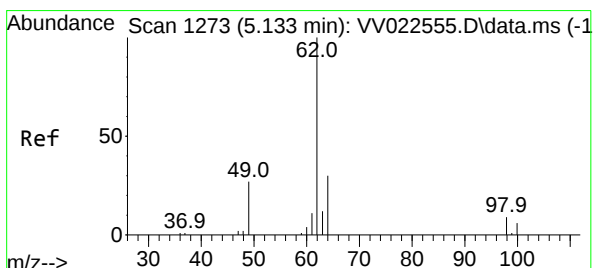
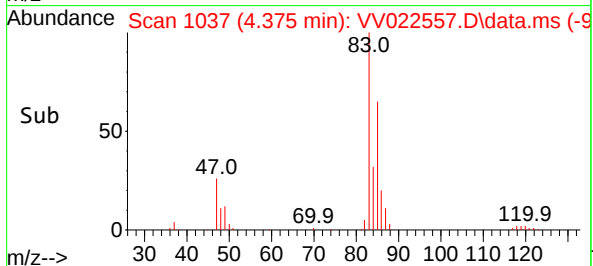
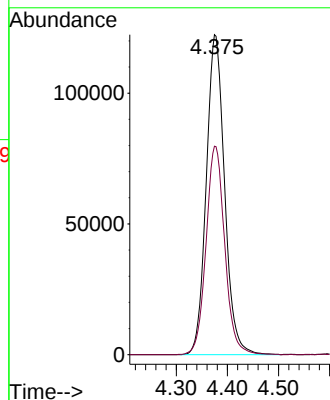
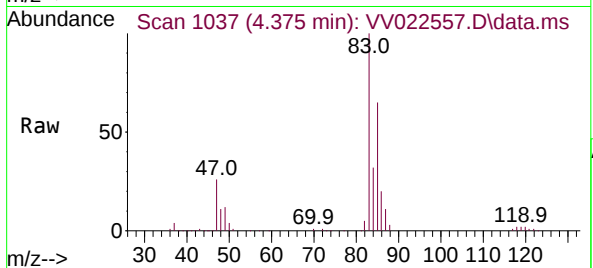
85 65.2 45.6 84.8

Instrument :

MSVOA_V

ClientSampleId :

VSTD020234



#27

1,2-Dichloroethane

Concen: 20.898 ug/L

RT: 5.140 min Scan# 1275

Delta R.T. 0.006 min

Lab File: VV022557.D

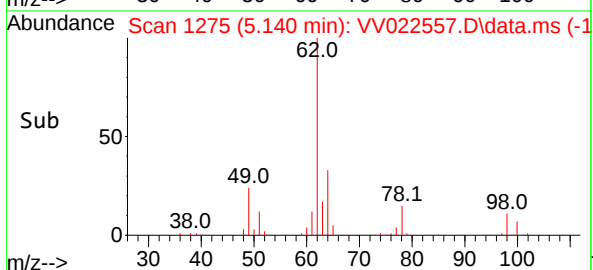
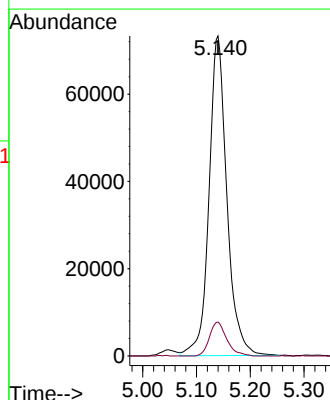
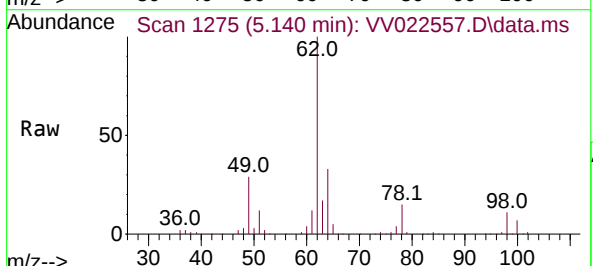
Acq: 04 Oct 2021 15:06

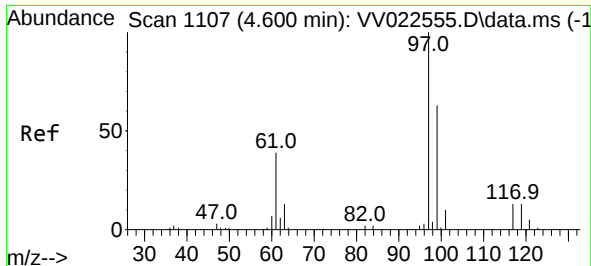
Tgt Ion: 62 Resp: 168949

Ion Ratio Lower Upper

62 100

98 10.6 7.4 11.2



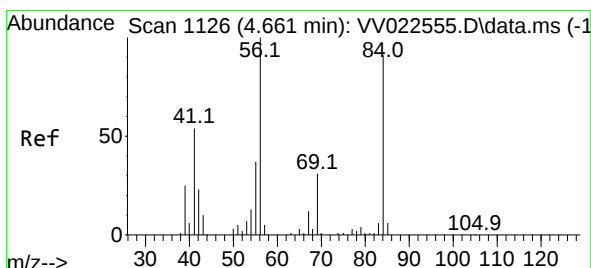
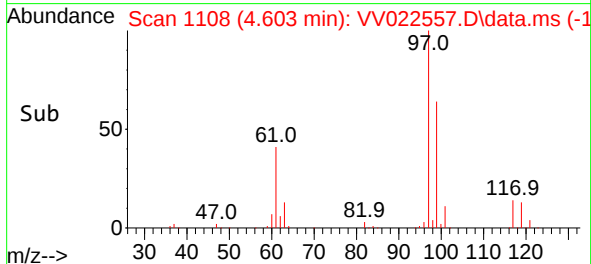
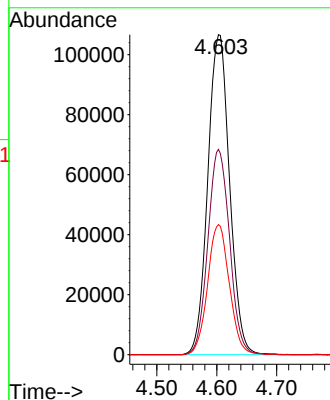
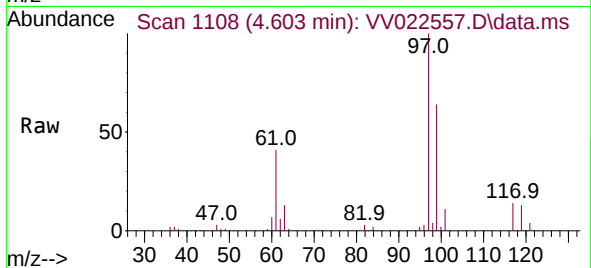


#29

1,1,1-Trichloroethane
Concen: 22.500 ug/L
RT: 4.603 min Scan# 1108
Delta R.T. 0.003 min
Lab File: VV022557.D
Acq: 04 Oct 2021 15:06

Instrument :
MSVOA_V
ClientSampleId :
VSTD020234

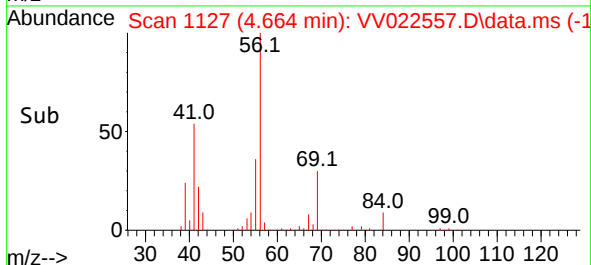
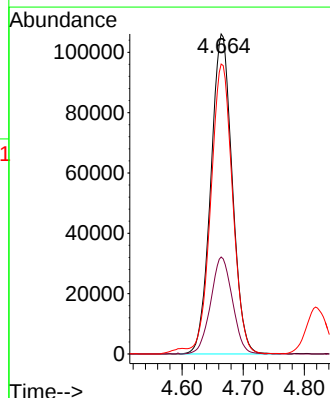
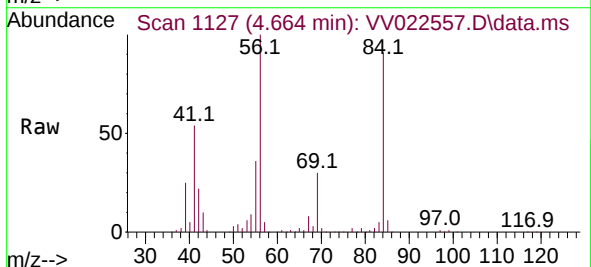
Tgt Ion: 97 Resp: 269702
Ion Ratio Lower Upper
97 100
99 64.0 49.8 74.6
61 40.6 32.5 48.7

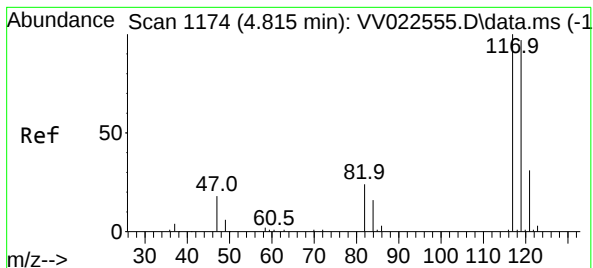


#30

Cyclohexane
Concen: 22.247 ug/L
RT: 4.664 min Scan# 1127
Delta R.T. 0.003 min
Lab File: VV022557.D
Acq: 04 Oct 2021 15:06

Tgt Ion: 56 Resp: 257850
Ion Ratio Lower Upper
56 100
69 30.6 25.7 38.5
84 91.9 75.8 113.8





#31

Carbon tetrachloride

Concen: 23.964 ug/L

RT: 4.821 min Scan# 1176

Delta R.T. 0.006 min

Lab File: VV022557.D

Acq: 04 Oct 2021 15:06

Instrument :

MSVOA_V

ClientSampleId :

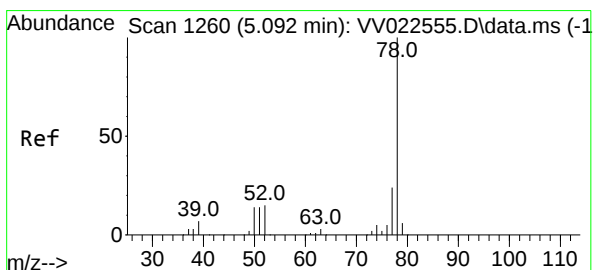
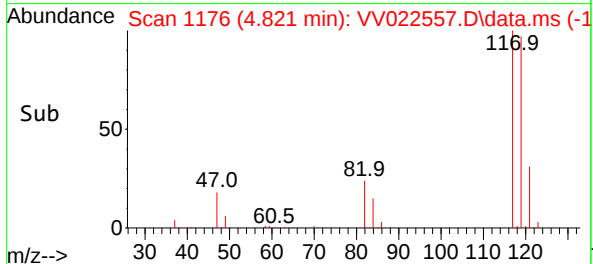
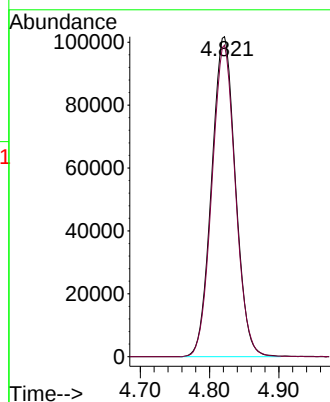
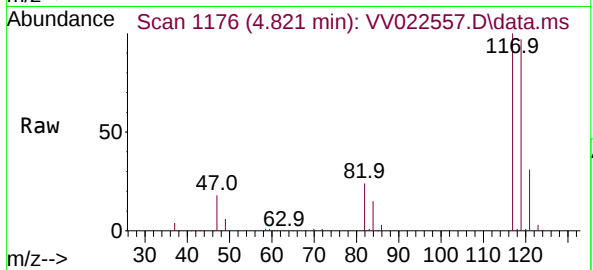
VSTD020234

Tgt Ion:117 Resp: 243614

Ion Ratio Lower Upper

117 100

119 96.0 76.9 115.3



#33

Benzene

Concen: 21.537 ug/L

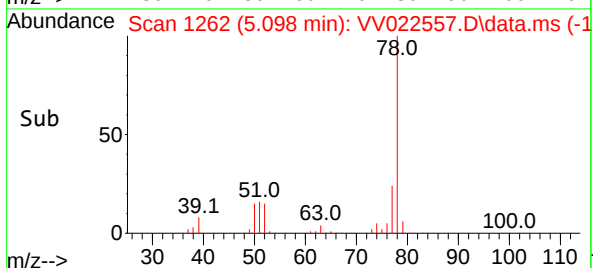
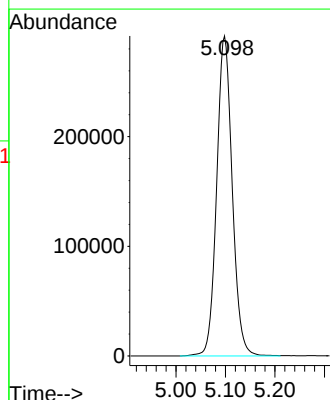
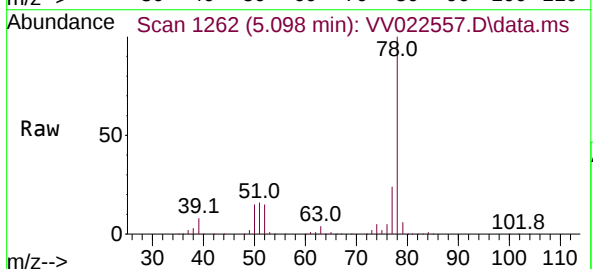
RT: 5.098 min Scan# 1262

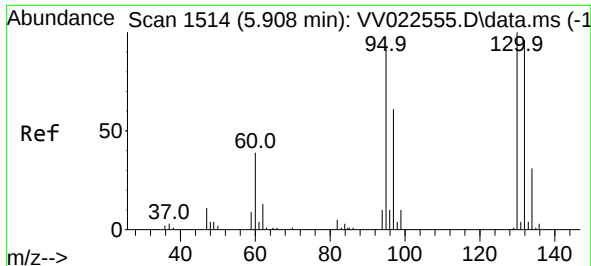
Delta R.T. 0.006 min

Lab File: VV022557.D

Acq: 04 Oct 2021 15:06

Tgt Ion: 78 Resp: 637410





#34

Trichloroethene

Concen: 22.091 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. 0.006 min

Lab File: VV022557.D

Acq: 04 Oct 2021 15:06

Tgt Ion: 95 Resp: 168520

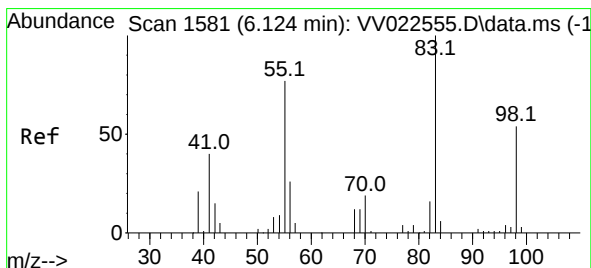
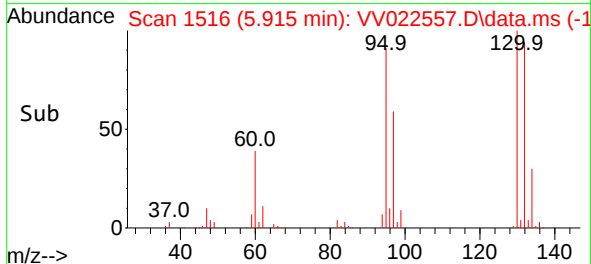
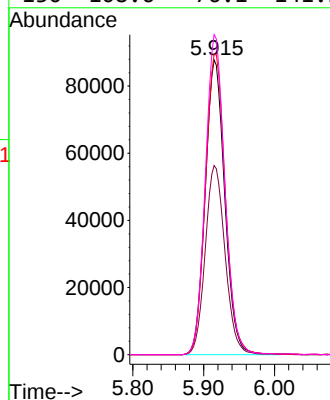
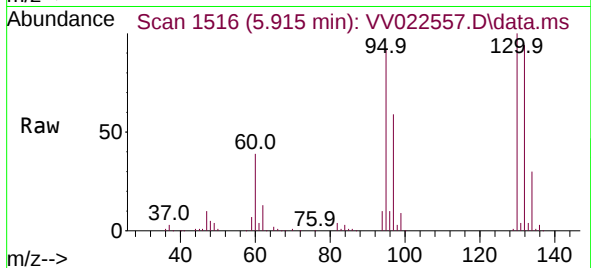
Ion Ratio Lower Upper

95 100

97 64.2 46.5 86.5

132 101.9 73.0 135.6

130 108.6 76.1 141.3



#35

Methylcyclohexane

Concen: 23.212 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. 0.006 min

Lab File: VV022557.D

Acq: 04 Oct 2021 15:06

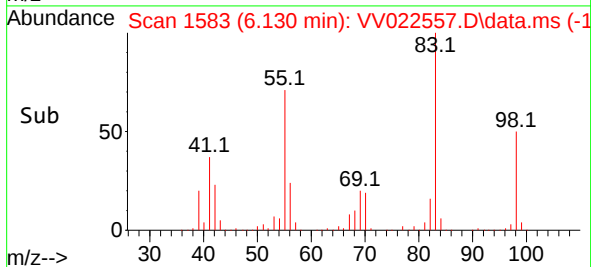
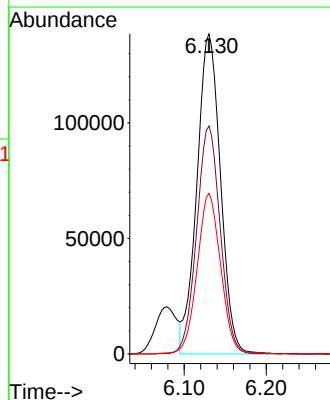
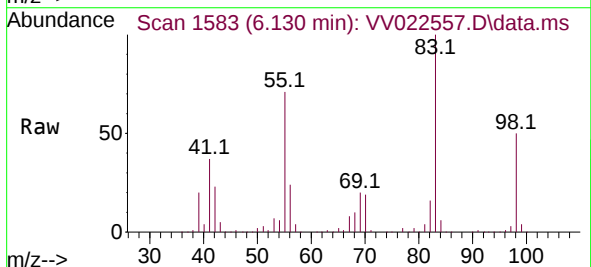
Tgt Ion: 83 Resp: 277202

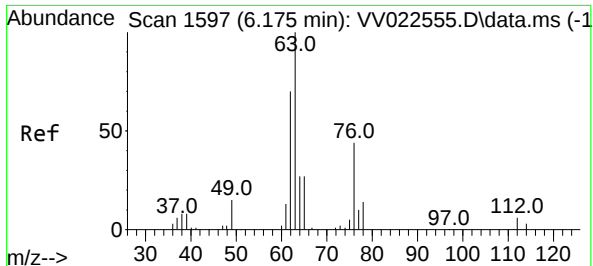
Ion Ratio Lower Upper

83 100

55 71.0 57.8 86.8

98 50.0 39.8 59.8



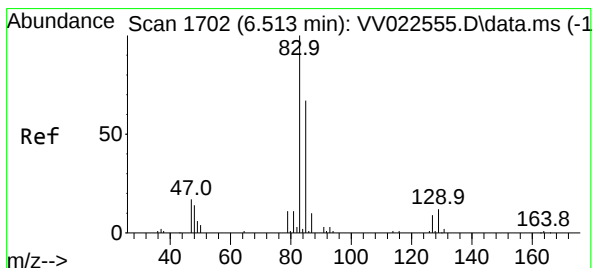
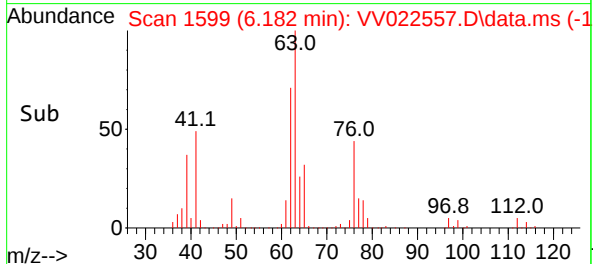
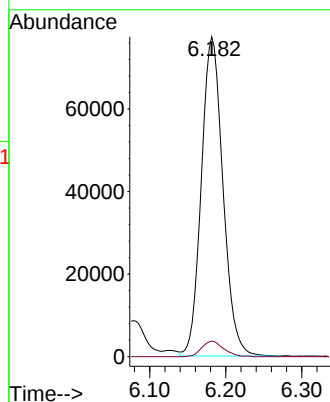
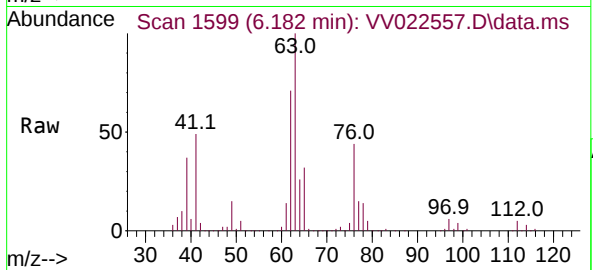


#37

1,2-Dichloropropane
Concen: 20.505 ug/L
RT: 6.182 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VV022557.D
Acq: 04 Oct 2021 15:06

Instrument :
MSVOA_V
ClientSampleId :
VSTD020234

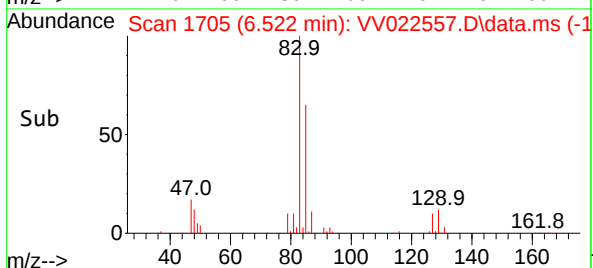
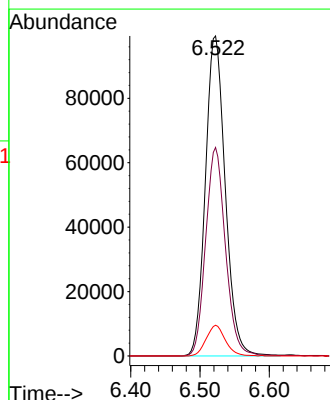
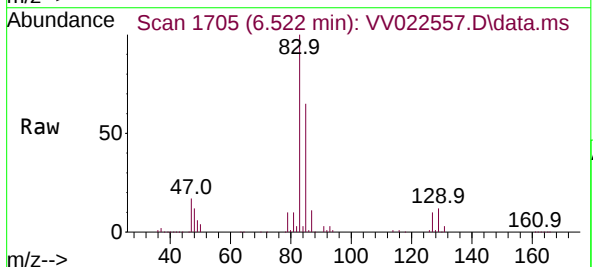
Tgt Ion: 63 Resp: 152762
Ion Ratio Lower Upper
63 100
112 4.9 4.3 6.5

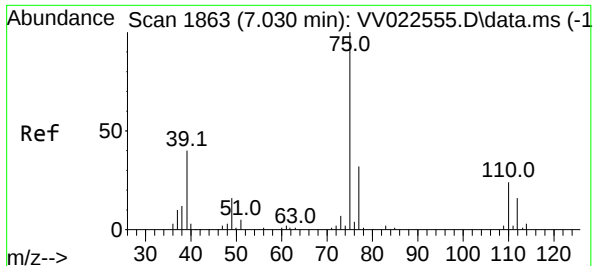


#38

Bromodichloromethane
Concen: 21.772 ug/L
RT: 6.522 min Scan# 1705
Delta R.T. 0.010 min
Lab File: VV022557.D
Acq: 04 Oct 2021 15:06

Tgt Ion: 83 Resp: 197819
Ion Ratio Lower Upper
83 100
85 65.2 47.2 87.6
127 9.6 7.4 11.2

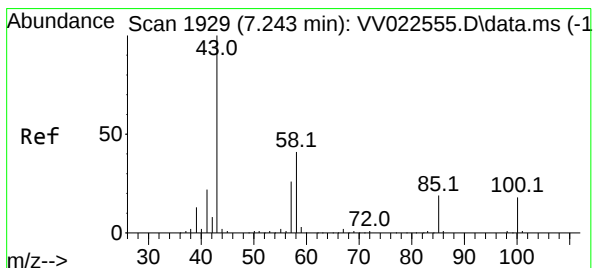
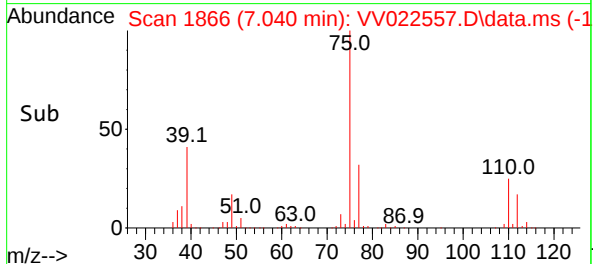
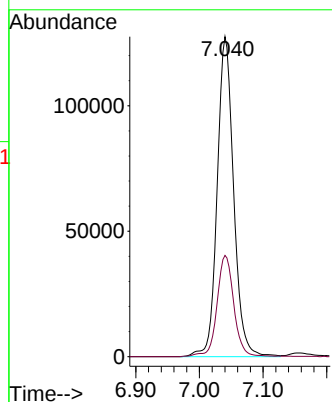
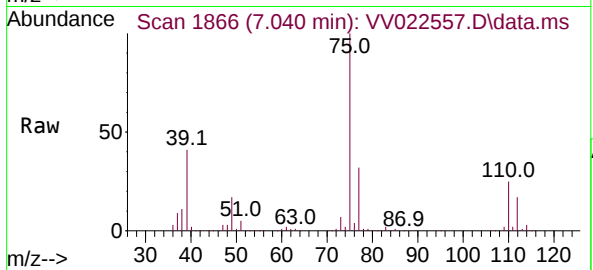




#39
 cis-1,3-Dichloropropene
 Concen: 23.346 ug/L
 RT: 7.040 min Scan# 1866
 Delta R.T. 0.010 min
 Lab File: VV022557.D
 Acq: 04 Oct 2021 15:06

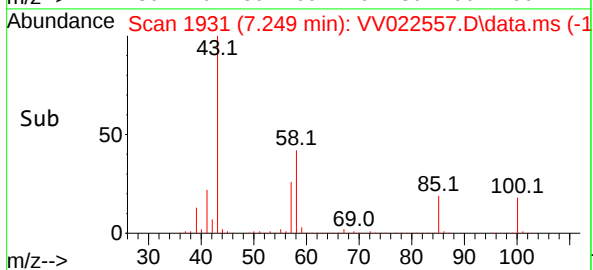
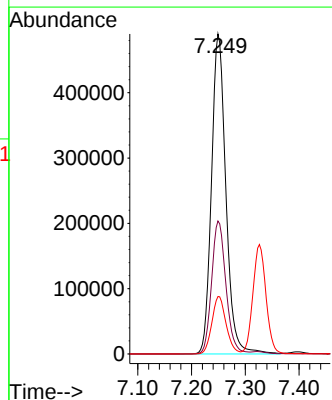
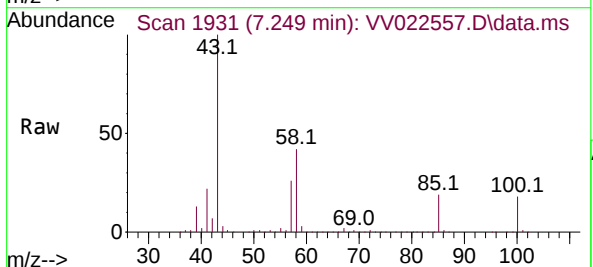
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD020234

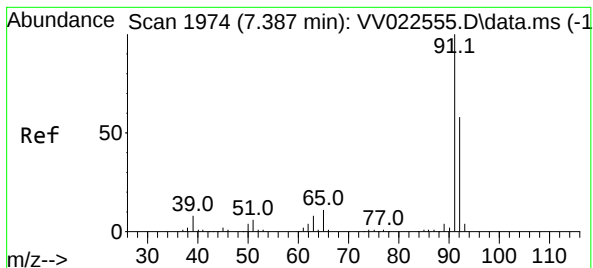
Tgt Ion: 75 Resp: 229321
 Ion Ratio Lower Upper
 75 100
 77 31.6 22.4 41.6



#40
 4-Methyl-2-pentanone
 Concen: 198.008 ug/L
 RT: 7.249 min Scan# 1931
 Delta R.T. 0.006 min
 Lab File: VV022557.D
 Acq: 04 Oct 2021 15:06

Tgt Ion: 43 Resp: 912639
 Ion Ratio Lower Upper
 43 100
 58 41.3 32.3 48.5
 100 17.7 13.8 20.6





#42

Toluene

Concen: 22.260 ug/L

RT: 7.397 min Scan# 1977

Delta R.T. 0.010 min

Lab File: VV022557.D

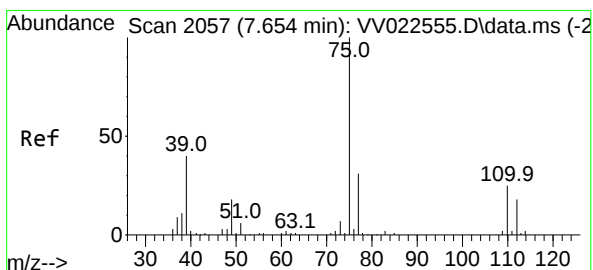
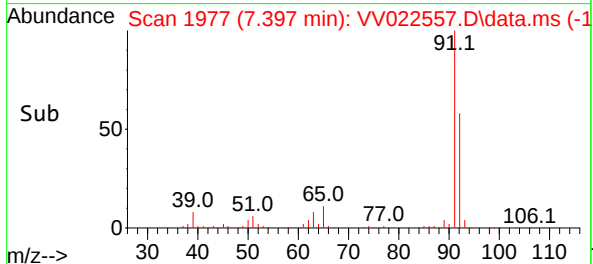
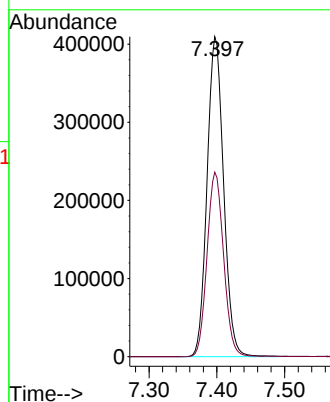
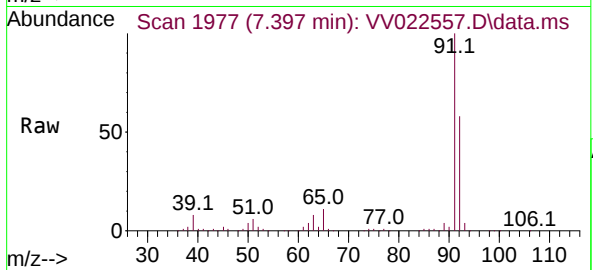
Acq: 04 Oct 2021 15:06

Tgt Ion: 91 Resp: 693663

Ion Ratio Lower Upper

91 100

92 57.6 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 23.326 ug/L

RT: 7.661 min Scan# 2059

Delta R.T. 0.006 min

Lab File: VV022557.D

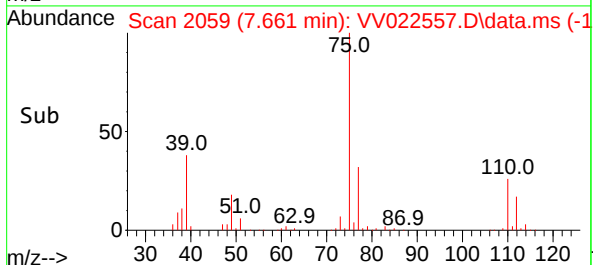
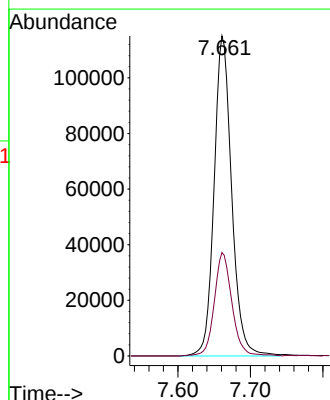
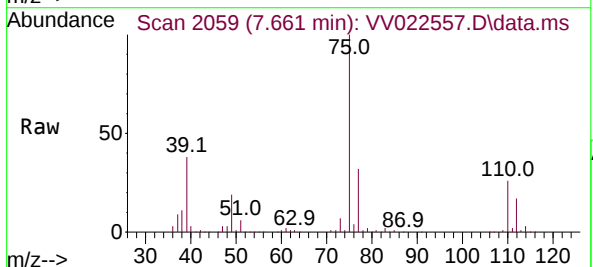
Acq: 04 Oct 2021 15:06

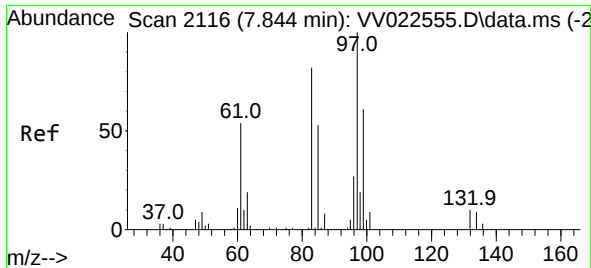
Tgt Ion: 75 Resp: 194015

Ion Ratio Lower Upper

75 100

77 32.3 21.8 40.6



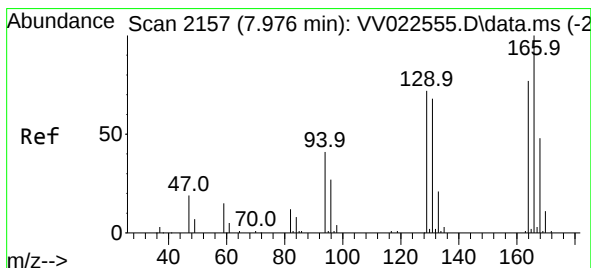
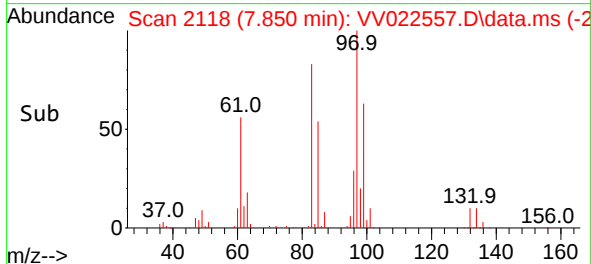
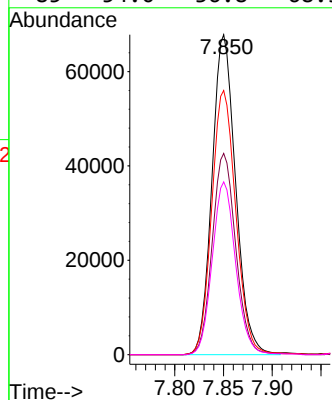
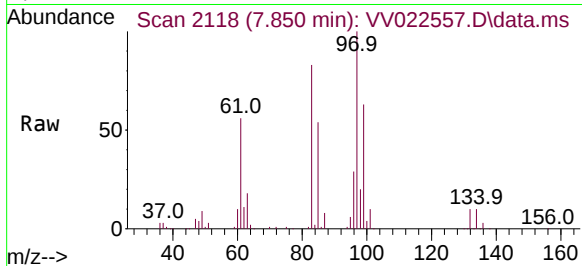


#45
1,1,2-Trichloroethane
Concen: 20.478 ug/L
RT: 7.850 min Scan# 2118
Delta R.T. 0.006 min
Lab File: VV022557.D
Acq: 04 Oct 2021 15:06

Instrument :
MSVOA_V
ClientSampleId :
VSTD020234

Tgt Ion: 97 Resp: 114363

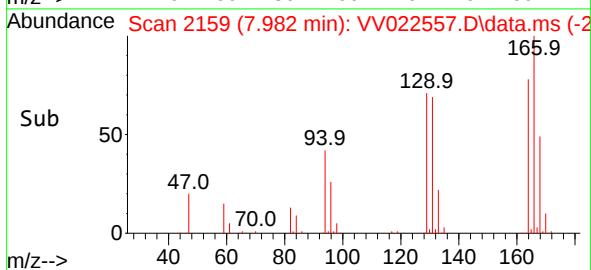
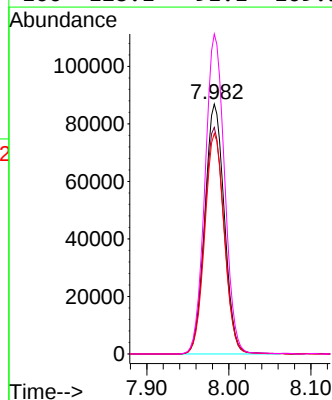
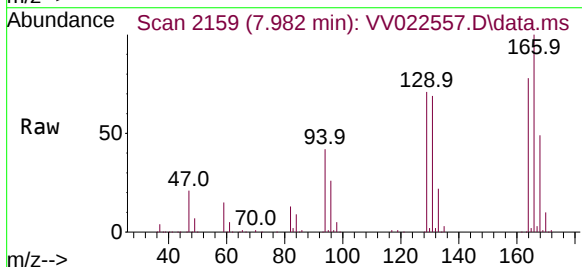
Ion	Ratio	Lower	Upper
97	100		
99	62.9	42.6	79.0
83	82.6	57.7	107.1
85	54.0	36.8	68.3

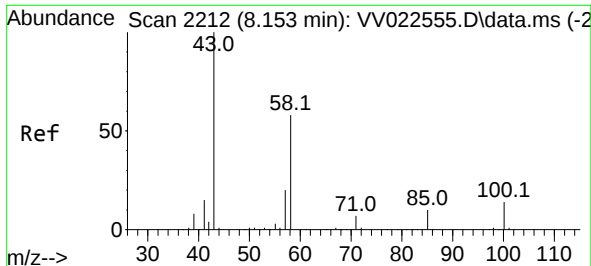


#47
Tetrachloroethene
Concen: 22.488 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. 0.006 min
Lab File: VV022557.D
Acq: 04 Oct 2021 15:06

Tgt Ion: 164 Resp: 143716

Ion	Ratio	Lower	Upper
164	100		
129	90.7	65.5	121.6
131	88.3	62.4	116.0
166	128.1	91.1	169.3



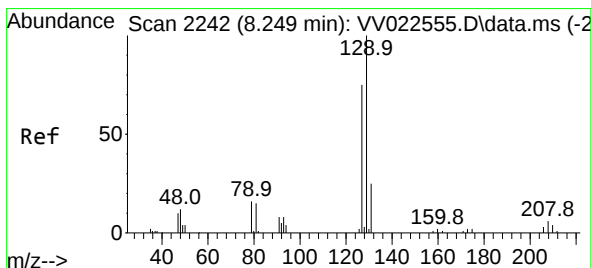
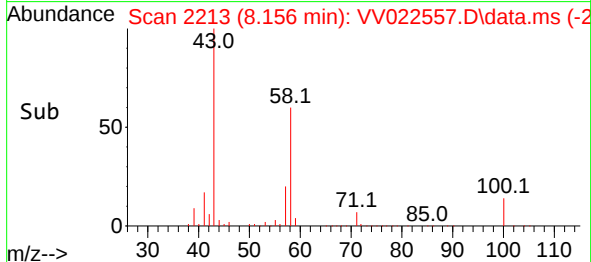
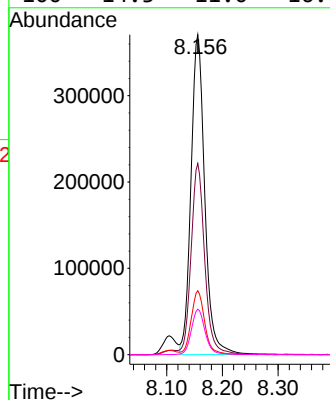
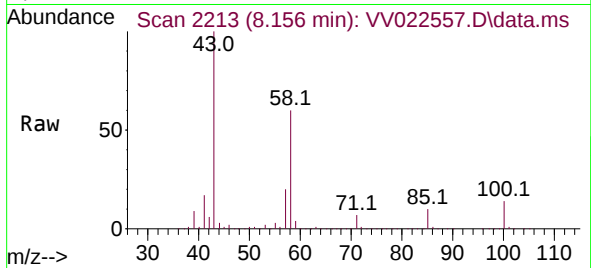


#48
2-Hexanone
Concen: 197.104 ug/L
RT: 8.156 min Scan# 2213
Delta R.T. 0.003 min
Lab File: VV022557.D
Acq: 04 Oct 2021 15:06

Instrument :
MSVOA_V
ClientSampleId :
VSTD020234

Tgt Ion: 43 Resp: 637056

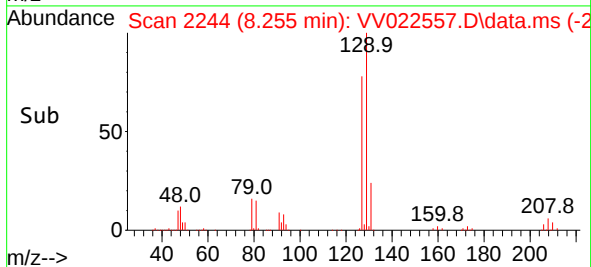
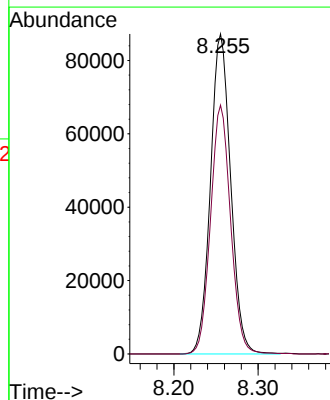
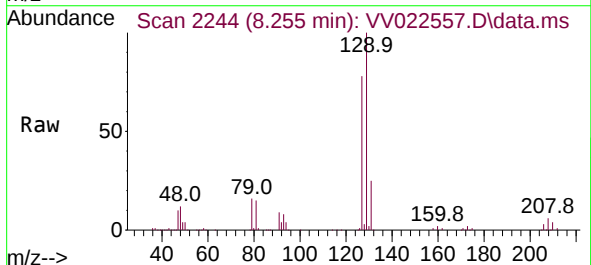
Ion	Ratio	Lower	Upper
43	100		
58	58.9	46.4	69.6
57	19.7	16.3	24.5
100	14.3	11.0	16.6

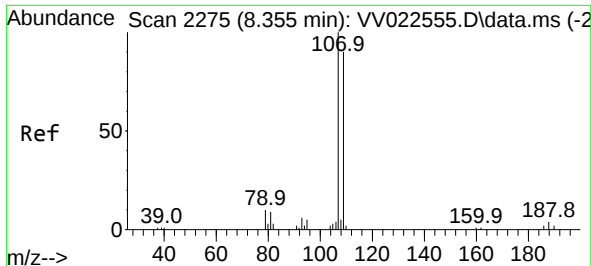


#49
Dibromochloromethane
Concen: 23.649 ug/L
RT: 8.255 min Scan# 2244
Delta R.T. 0.006 min
Lab File: VV022557.D
Acq: 04 Oct 2021 15:06

Tgt Ion: 129 Resp: 145315

Ion	Ratio	Lower	Upper
129	100		
127	77.7	52.6	97.6





#50

1,2-Dibromoethane

Concen: 21.519 ug/L

RT: 8.361 min Scan# 2277

Delta R.T. 0.006 min

Lab File: VV022557.D

Acq: 04 Oct 2021 15:06

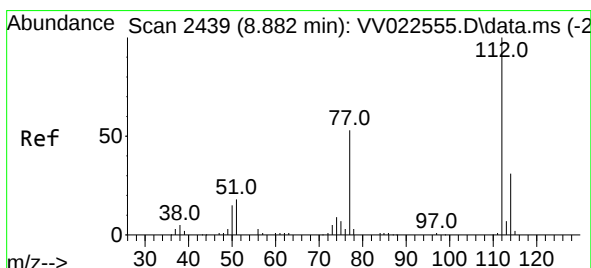
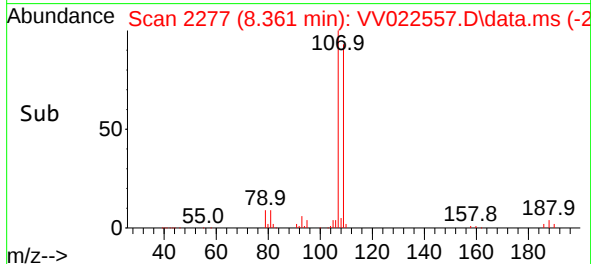
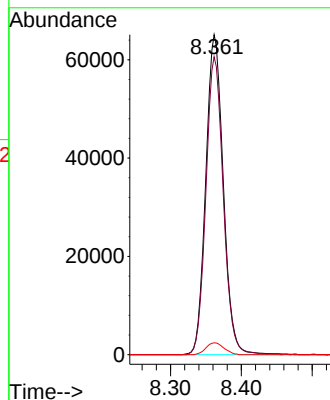
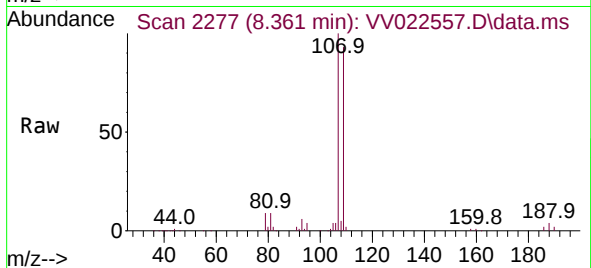
Tgt Ion:107 Resp: 111647

Ion Ratio Lower Upper

107 100

109 93.1 63.2 117.4

188 3.7 3.4 5.2



#51

Chlorobenzene

Concen: 21.455 ug/L

RT: 8.886 min Scan# 2440

Delta R.T. 0.003 min

Lab File: VV022557.D

Acq: 04 Oct 2021 15:06

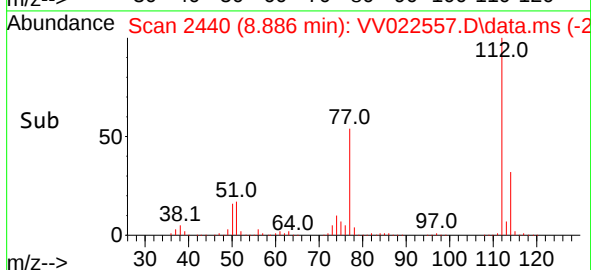
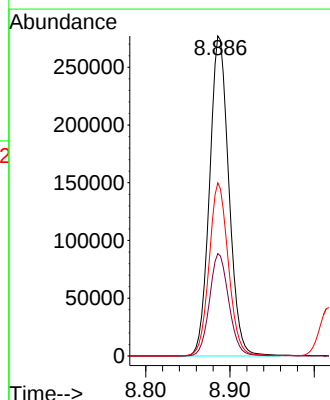
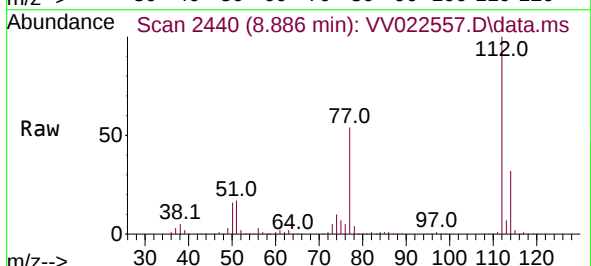
Tgt Ion:112 Resp: 440626

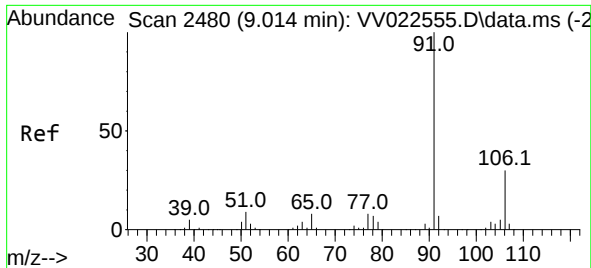
Ion Ratio Lower Upper

112 100

114 32.0 21.6 40.2

77 54.1 42.8 64.2

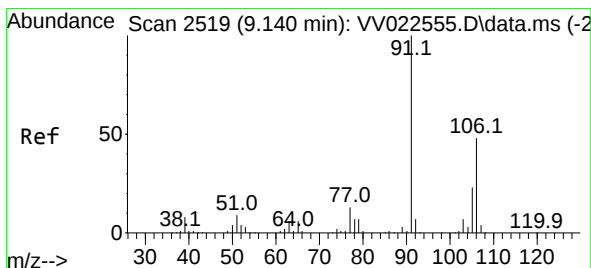
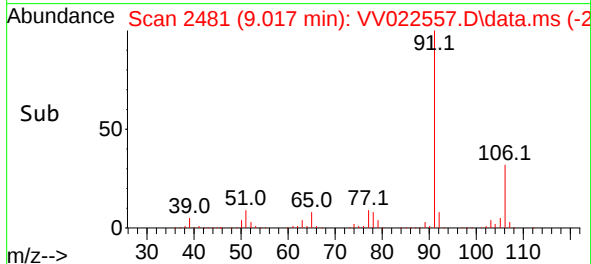
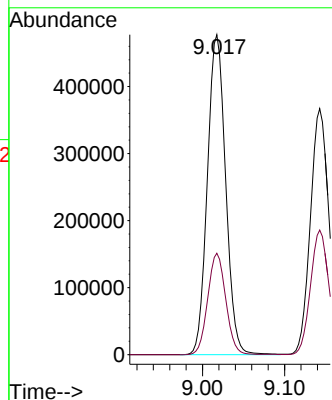
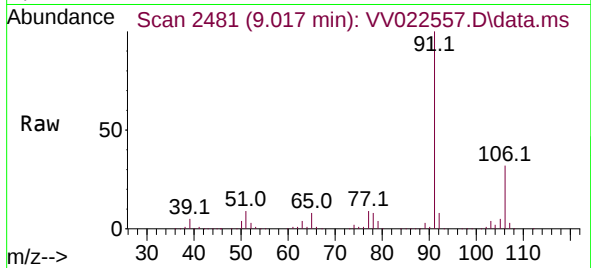




#52
Ethylbenzene
Concen: 22.808 ug/L
RT: 9.017 min Scan# 2481
Delta R.T. 0.003 min
Lab File: VV022557.D
Acq: 04 Oct 2021 15:06

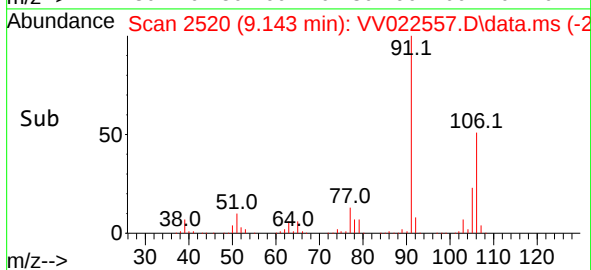
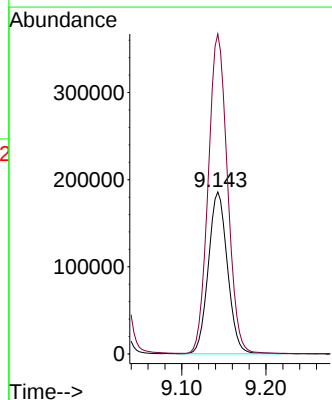
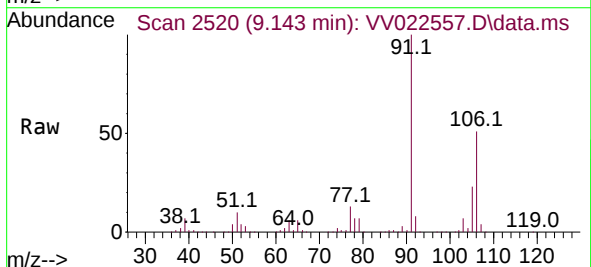
Instrument :
MSVOA_V
ClientSampleId :
VSTD020234

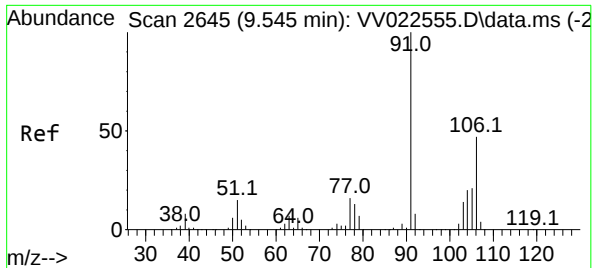
Tgt Ion: 91 Resp: 739768
Ion Ratio Lower Upper
91 100
106 31.7 21.3 39.6



#53
m,p-xylene
Concen: 23.441 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.003 min
Lab File: VV022557.D
Acq: 04 Oct 2021 15:06

Tgt Ion: 106 Resp: 292590
Ion Ratio Lower Upper
106 100
91 197.5 144.8 269.0

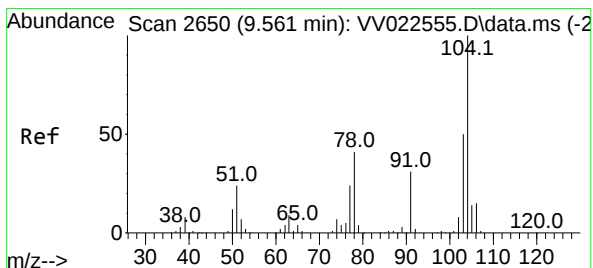
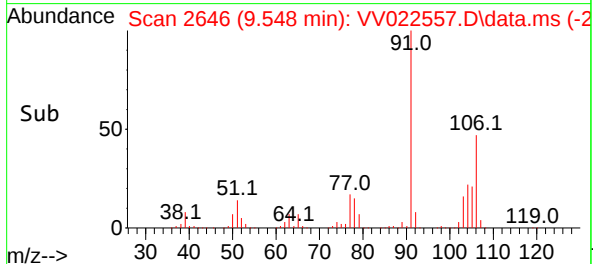
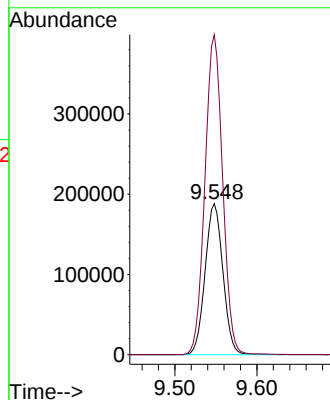
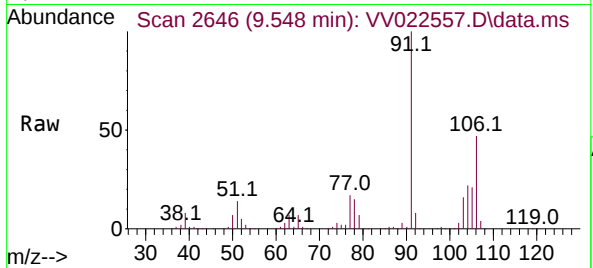




#54
o-xylene
Concen: 23.320 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.003 min
Lab File: VV022557.D
Acq: 04 Oct 2021 15:06

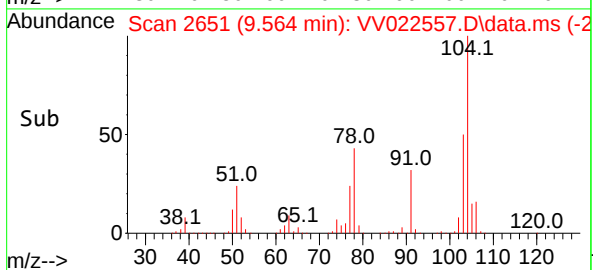
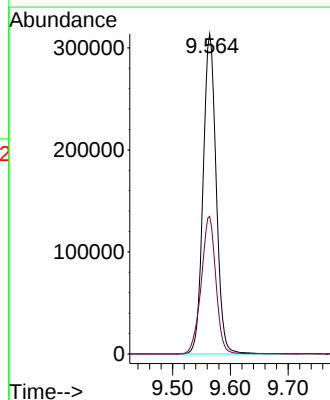
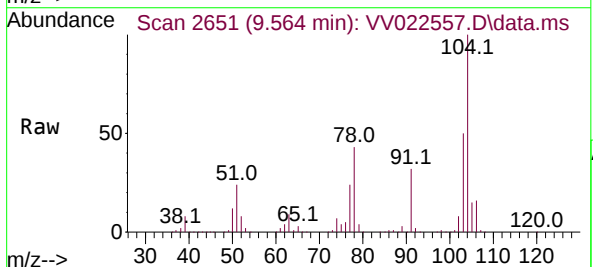
Instrument :
MSVOA_V
ClientSampleId :
VSTD020234

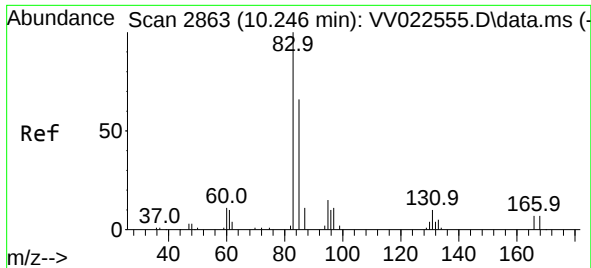
Tgt Ion:106 Resp: 283726
Ion Ratio Lower Upper
106 100
91 211.8 148.8 276.4



#55
Styrene
Concen: 24.128 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.003 min
Lab File: VV022557.D
Acq: 04 Oct 2021 15:06

Tgt Ion:104 Resp: 493370
Ion Ratio Lower Upper
104 100
78 43.0 28.7 53.3

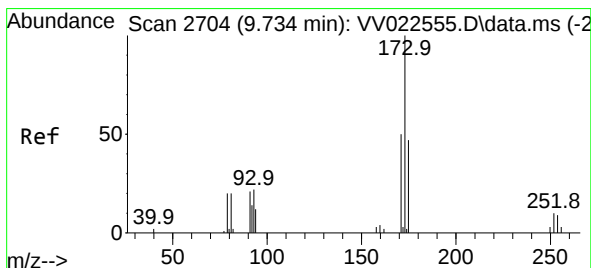
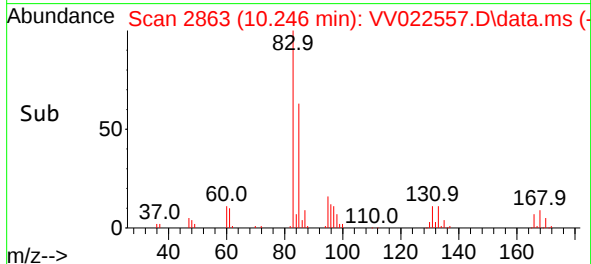
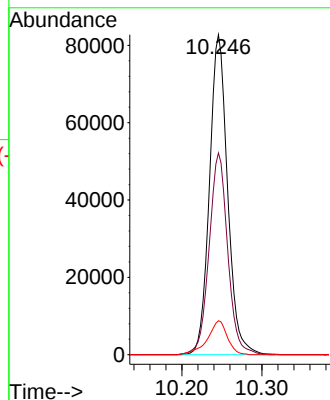
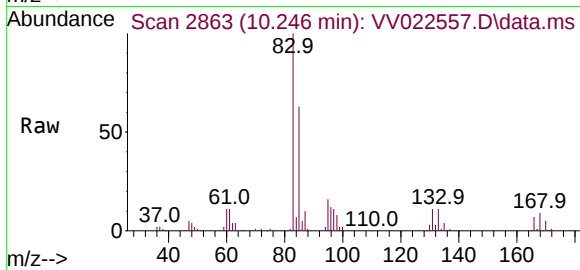




#57
1,1,2,2-Tetrachloroethane
Concen: 19.349 ug/L
RT: 10.246 min Scan# 2863
Delta R.T. -0.000 min
Lab File: VV022557.D
Acq: 04 Oct 2021 15:06

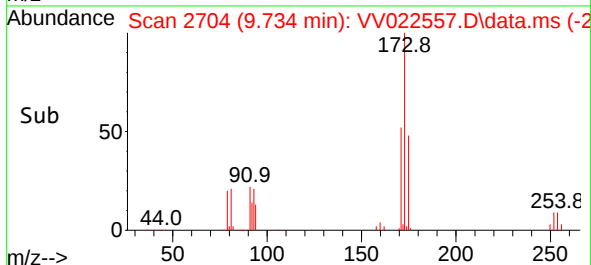
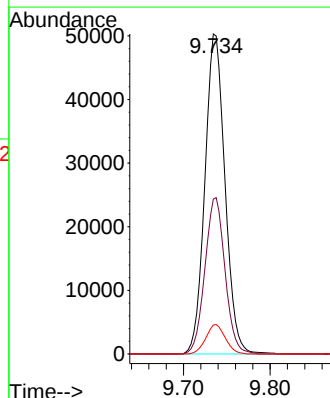
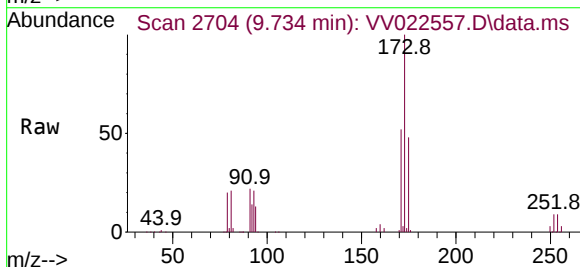
Instrument :
MSVOA_V
ClientSampleId :
VSTD020234

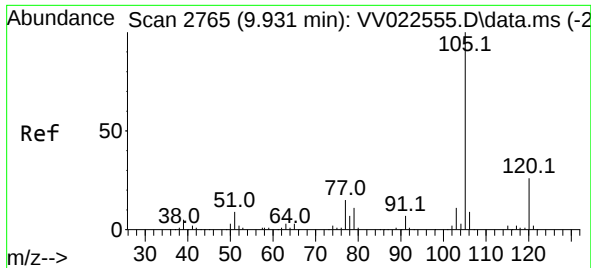
Tgt Ion: 83 Resp: 130361
Ion Ratio Lower Upper
83 100
85 63.1 46.5 86.3
131 10.6 8.6 13.0



#59
Bromoform
Concen: 22.834 ug/L
RT: 9.734 min Scan# 2704
Delta R.T. -0.000 min
Lab File: VV022557.D
Acq: 04 Oct 2021 15:06

Tgt Ion: 173 Resp: 81090
Ion Ratio Lower Upper
173 100
175 48.8 39.0 58.4
254 8.9 7.0 10.4

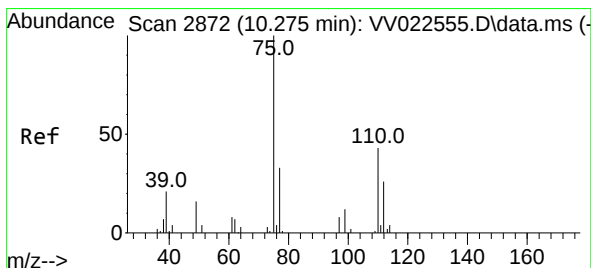
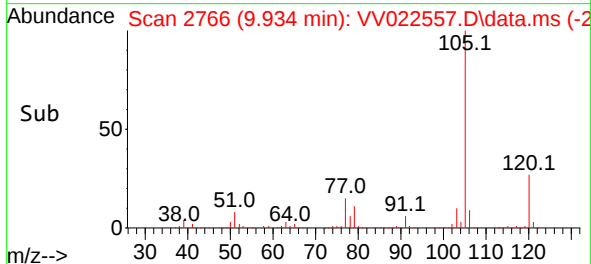
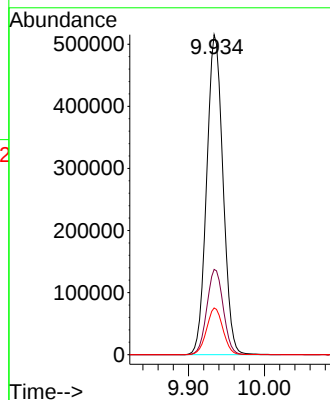
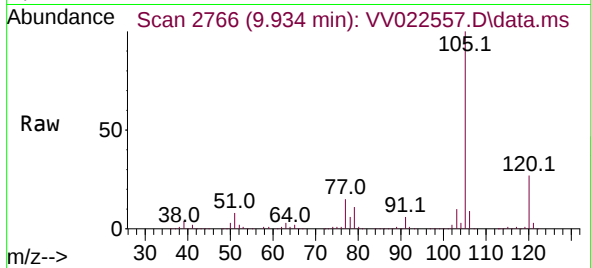




#60
Isopropylbenzene
Concen: 22.085 ug/L
RT: 9.934 min Scan# 2766
Delta R.T. 0.003 min
Lab File: VV022557.D
Acq: 04 Oct 2021 15:06

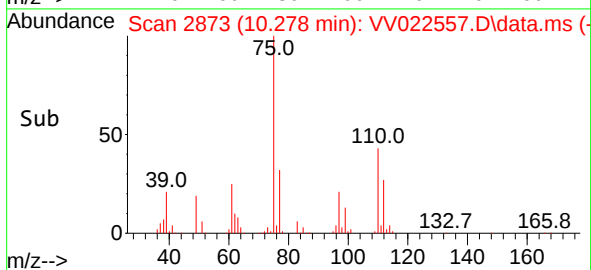
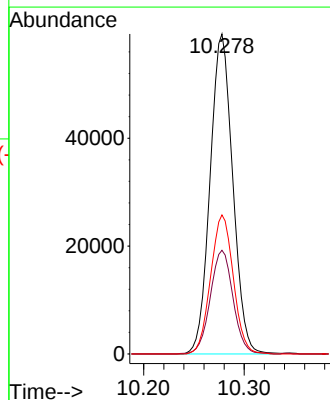
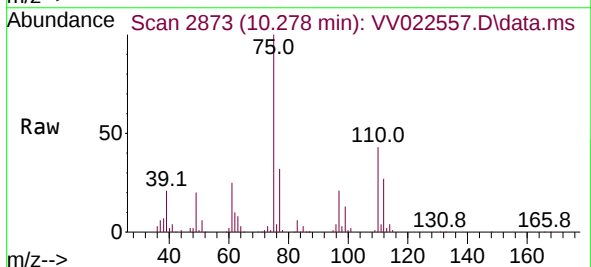
Instrument :
MSVOA_V
ClientSampleId :
VSTD020234

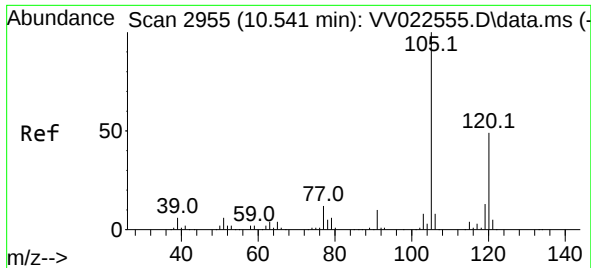
Tgt Ion:105 Resp: 766983
Ion Ratio Lower Upper
105 100
120 26.9 21.6 32.4
77 14.7 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 17.588 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. 0.003 min
Lab File: VV022557.D
Acq: 04 Oct 2021 15:06

Tgt Ion: 75 Resp: 92883
Ion Ratio Lower Upper
75 100
77 32.6 26.1 39.1
110 43.5 33.0 49.6

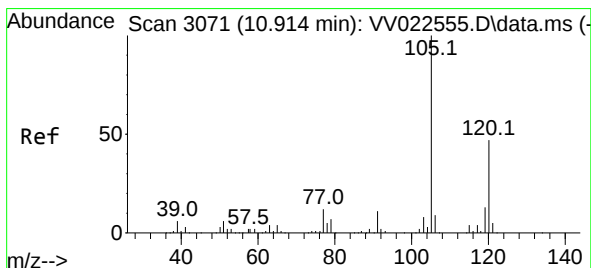
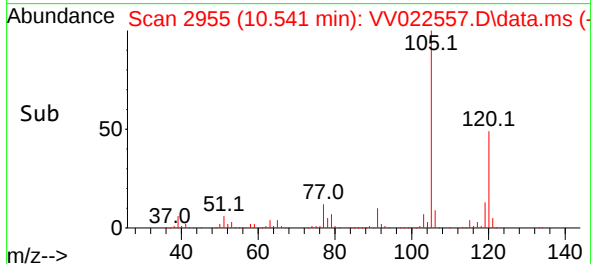
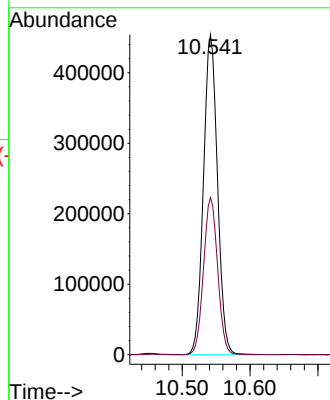
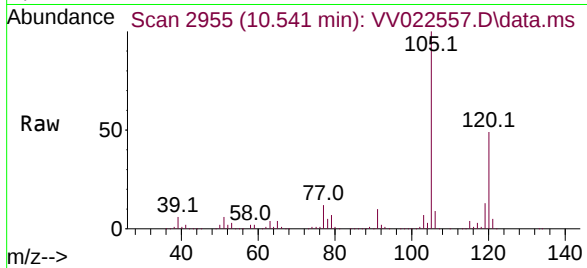




#62
1,3,5-Trimethylbenzene
Concen: 23.013 ug/L
RT: 10.541 min Scan# 2955
Delta R.T. -0.000 min
Lab File: VV022557.D
Acq: 04 Oct 2021 15:06

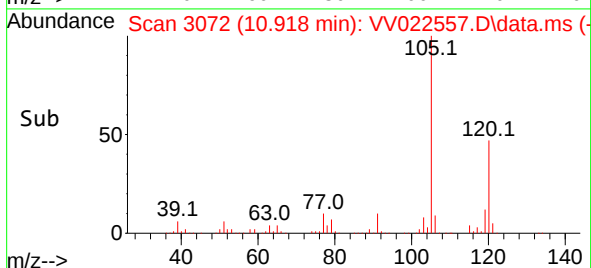
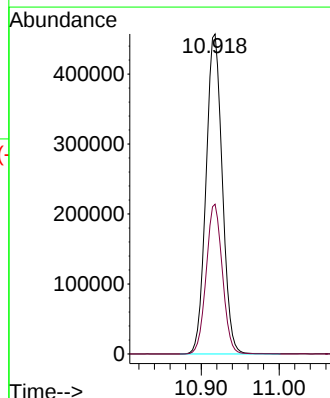
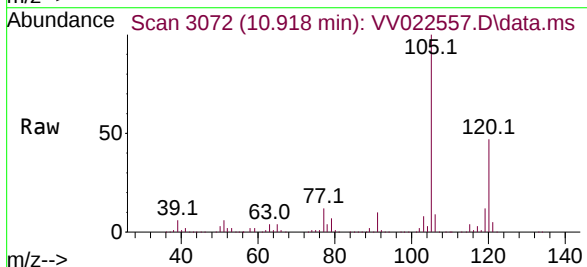
Instrument :
MSVOA_V
ClientSampleId :
VSTD020234

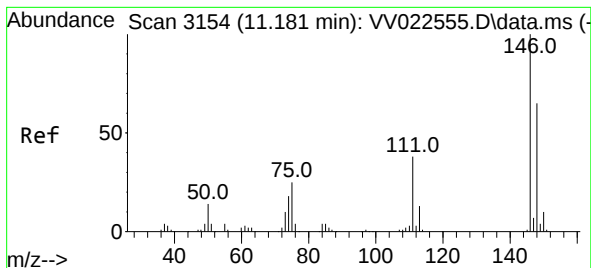
Tgt Ion:105 Resp: 652371
Ion Ratio Lower Upper
105 100
120 49.4 39.7 59.5



#63
1,2,4-Trimethylbenzene
Concen: 23.439 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV022557.D
Acq: 04 Oct 2021 15:06

Tgt Ion:105 Resp: 662697
Ion Ratio Lower Upper
105 100
120 46.6 37.2 55.8

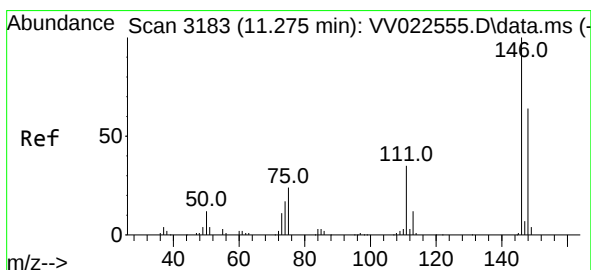
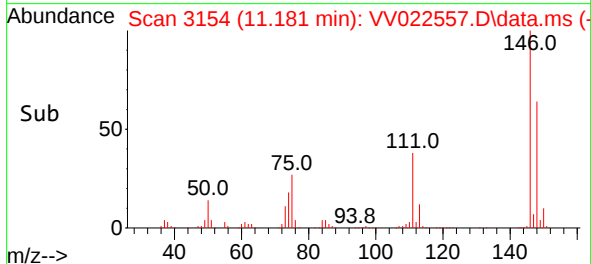
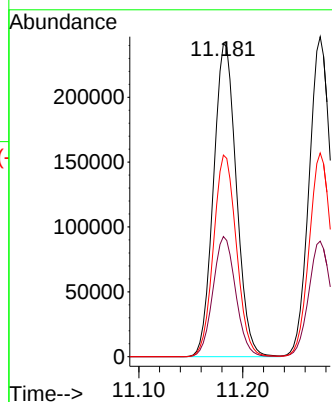
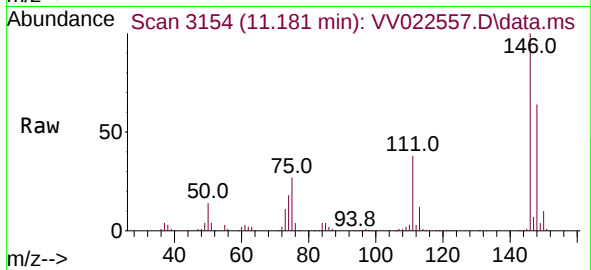




#64
1,3-Dichlorobenzene
Concen: 21.498 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV022557.D
Acq: 04 Oct 2021 15:06

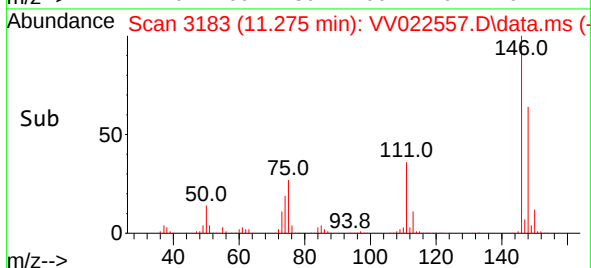
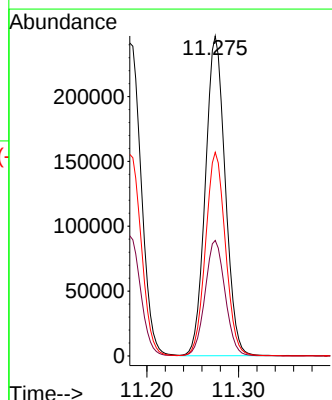
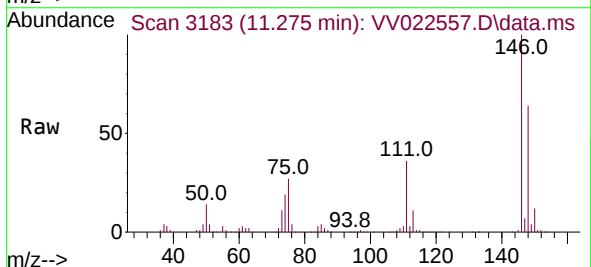
Instrument :
MSVOA_V
ClientSampleId :
VSTD020234

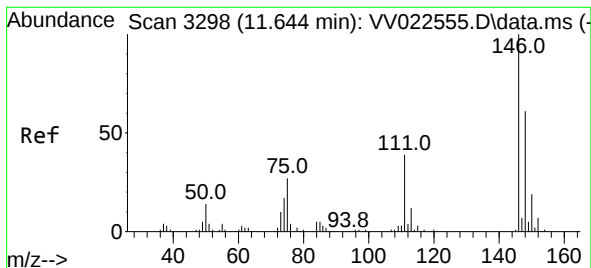
Tgt Ion:146 Resp: 370555
Ion Ratio Lower Upper
146 100
111 38.4 26.8 49.8
148 64.4 45.6 84.8



#65
1,4-Dichlorobenzene
Concen: 21.212 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. -0.000 min
Lab File: VV022557.D
Acq: 04 Oct 2021 15:06

Tgt Ion:146 Resp: 369914
Ion Ratio Lower Upper
146 100
111 36.1 24.5 45.5
148 63.7 45.0 83.6

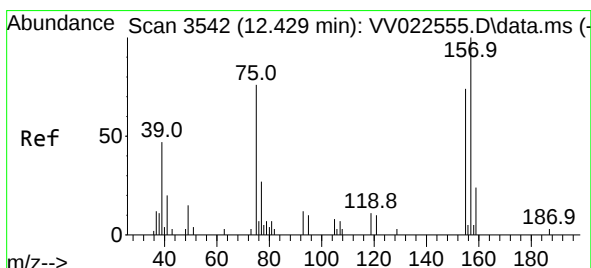
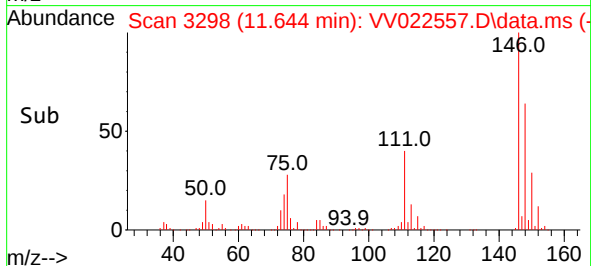
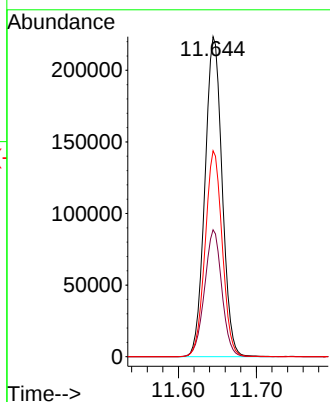
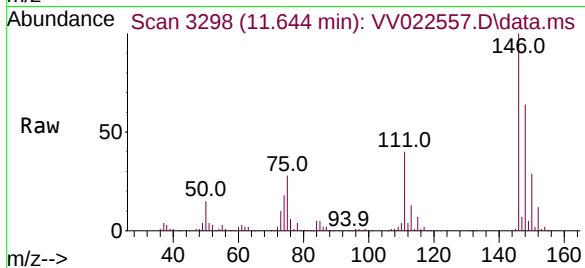




#67
1,2-Dichlorobenzene
Concen: 20.932 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. -0.000 min
Lab File: VV022557.D
Acq: 04 Oct 2021 15:06

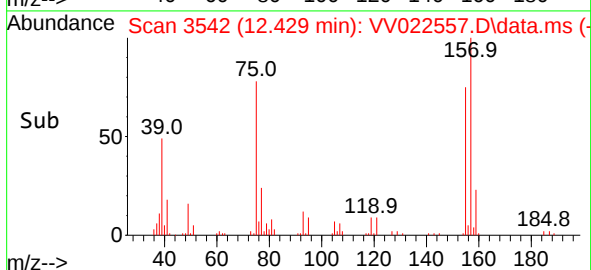
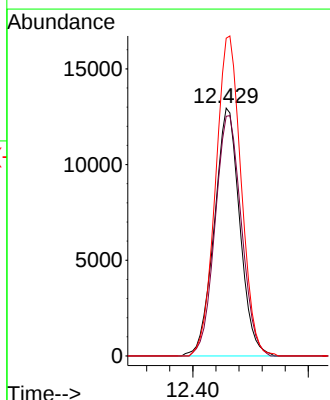
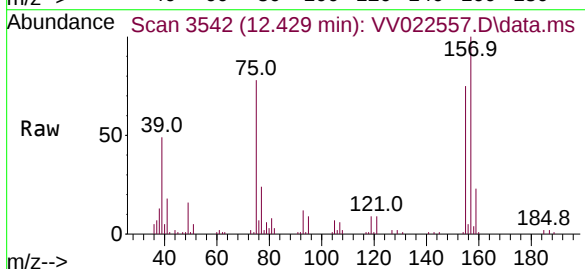
Instrument :
MSVOA_V
ClientSampleId :
VSTD020234

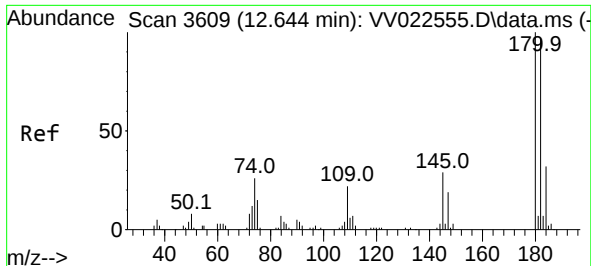
Tgt Ion:146 Resp: 342626
Ion Ratio Lower Upper
146 100
111 39.7 31.6 47.4
148 64.4 49.0 73.6



#68
1,2-Dibromo-3-chloropropane
Concen: 18.931 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VV022557.D
Acq: 04 Oct 2021 15:06

Tgt Ion: 75 Resp: 19830
Ion Ratio Lower Upper
75 100
155 96.7 77.4 116.2
157 128.2 104.7 157.1

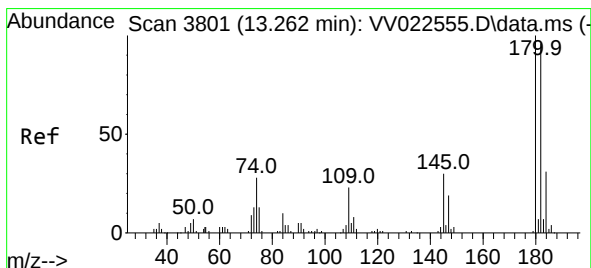
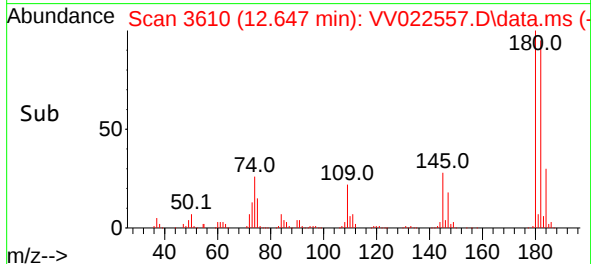
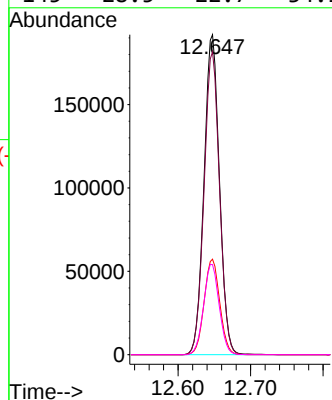
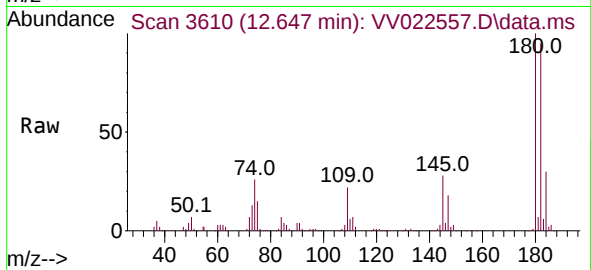




#69
1,3,5-Trichlorobenzene
Concen: 21.815 ug/L
RT: 12.647 min Scan# 3610
Delta R.T. 0.003 min
Lab File: VV022557.D
Acq: 04 Oct 2021 15:06

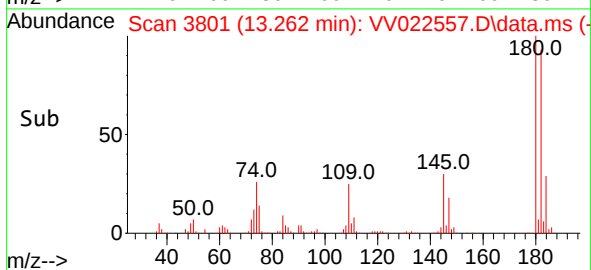
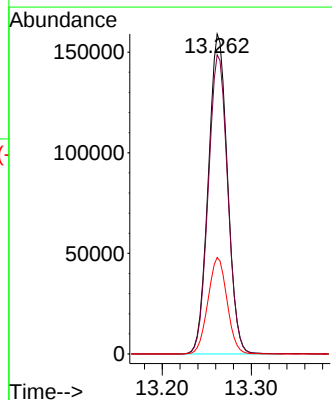
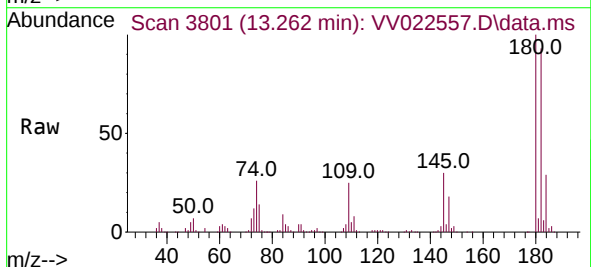
Instrument :
MSVOA_V
ClientSampleId :
VSTD020234

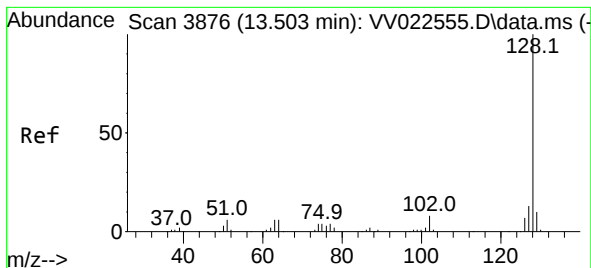
Tgt Ion:180 Resp: 283571
Ion Ratio Lower Upper
180 100
182 95.1 77.0 115.6
184 30.3 25.0 37.6
145 28.5 22.7 34.1



#70
1,2,4-trichlorobenzene
Concen: 23.130 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. -0.000 min
Lab File: VV022557.D
Acq: 04 Oct 2021 15:06

Tgt Ion:180 Resp: 237836
Ion Ratio Lower Upper
180 100
182 94.6 77.1 115.7
145 29.9 22.8 34.2

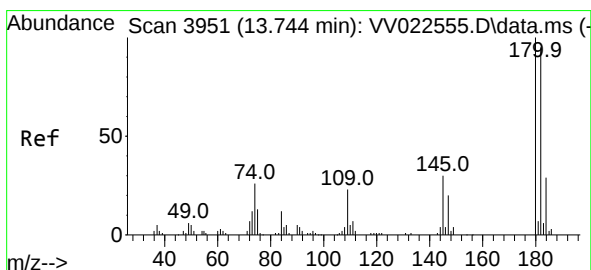
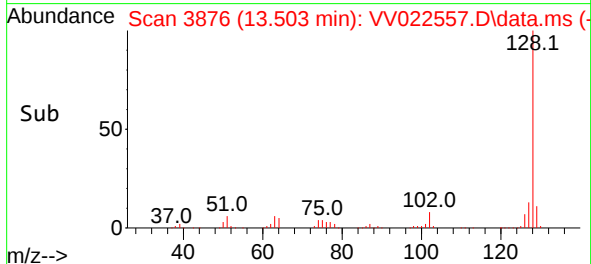
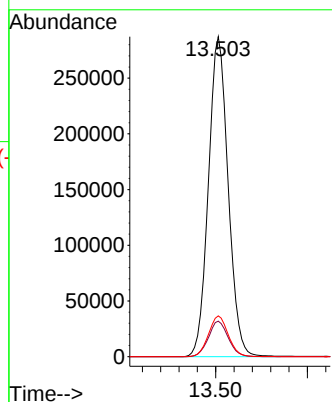
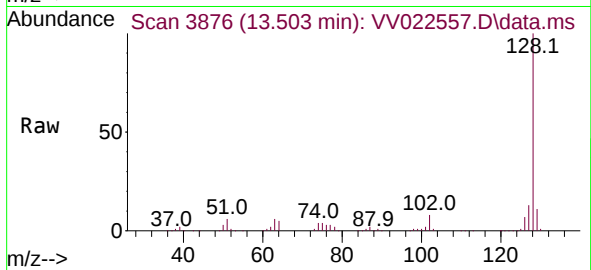




#71
Naphthalene
Concen: 23.247 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VV022557.D
Acq: 04 Oct 2021 15:06

Instrument :
MSVOA_V
ClientSampleId :
VSTD020234

Tgt Ion:128 Resp: 429243
Ion Ratio Lower Upper
128 100
129 11.1 8.3 12.5
127 12.8 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 23.300 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VV022557.D
Acq: 04 Oct 2021 15:06

Tgt Ion:180 Resp: 225776
Ion Ratio Lower Upper
180 100
182 95.0 75.4 113.0
145 31.1 24.4 36.6

