

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091421\
 Data File : VW020018.D
 Acq On : 14 Sep 2021 18:20
 Operator : SY/VA
 Sample : VSTD00550
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD005450

Quant Time: Sep 15 03:07:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 15 03:02:18 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	285366	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	266063	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	133780	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	20387	4.341	ug/L	0.00
7) Chloroethane-d5	2.885	69	19890	4.911	ug/L	-0.01
11) 1,1-Dichloroethene-d2	4.038	63	34466	4.536	ug/L	0.00
21) 2-Butanone-d5	7.092	46	13724	11.274	ug/L	0.01
24) Chloroform-d	7.653	84	38514	4.948	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.311	65	23152	5.071	ug/L	0.00
32) Benzene-d6	8.275	84	70411	4.864	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	21160	4.997	ug/L	0.00
41) Toluene-d8	10.323	98	63572	4.656	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	8644	4.381	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	8720	10.393	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.689	84	22065	5.338	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	22030	4.977	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.008	85	14102	4.601	ug/L	98
3) Chloromethane	2.215	50	21351	5.474	ug/L	95
5) Vinyl chloride	2.367	62	32541	5.256	ug/L	100
6) Bromomethane	2.782	94	24042	5.563	ug/L	96
8) Chloroethane	2.928	64	20674	5.483	ug/L	98
9) Trichlorofluoromethane	3.263	101	17734	4.806	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	21072	5.148	ug/L	97
12) 1,1-Dichloroethene	4.050	96	19236	5.017	ug/L	90
13) Acetone	4.141	43	14289	11.957	ug/L	94
14) Carbon disulfide	4.391	76	63415	4.991	ug/L	98
15) Methyl Acetate	4.684	43	12160	5.909	ug/L	100
16) Methylene chloride	4.928	84	29395	5.583	ug/L	92
17) trans-1,2-Dichloroethene	5.428	96	20928	5.208	ug/L	98
18) Methyl tert-butyl Ether	5.434	73	25166	5.096	ug/L	97
19) 1,1-Dichloroethane	6.220	63	37650	5.260	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	20669	4.993	ug/L	98
22) 2-Butanone	7.177	43	16891	11.311	ug/L	96
23) Bromochloromethane	7.519	128	9907	5.135	ug/L	94
25) Chloroform	7.677	83	39727	5.291	ug/L	97
27) 1,2-Dichloroethane	8.403	62	27754	5.325	ug/L	98
29) Cyclohexane	7.958	56	28301	4.795	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	33174	5.308	ug/L	99
31) Carbon tetrachloride	8.073	117	29844	5.049	ug/L	98
33) Benzene	8.330	78	84042	5.327	ug/L	100
34) Trichloroethene	9.098	95	22032	5.262	ug/L	97
35) Methylcyclohexane	9.342	83	34538	4.873	ug/L	96
37) 1,2-Dichloropropane	9.372	63	20203	5.226	ug/L	97
38) Bromodichloromethane	9.646	83	26479	5.034	ug/L	92
39) cis-1,3-Dichloropropene	10.079	75	28484	4.848	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	30511	11.521	ug/L	99
42) Toluene	10.390	91	85558	5.080	ug/L	98
44) trans-1,3-Dichloropropene	10.610	75	27537	5.028	ug/L	99

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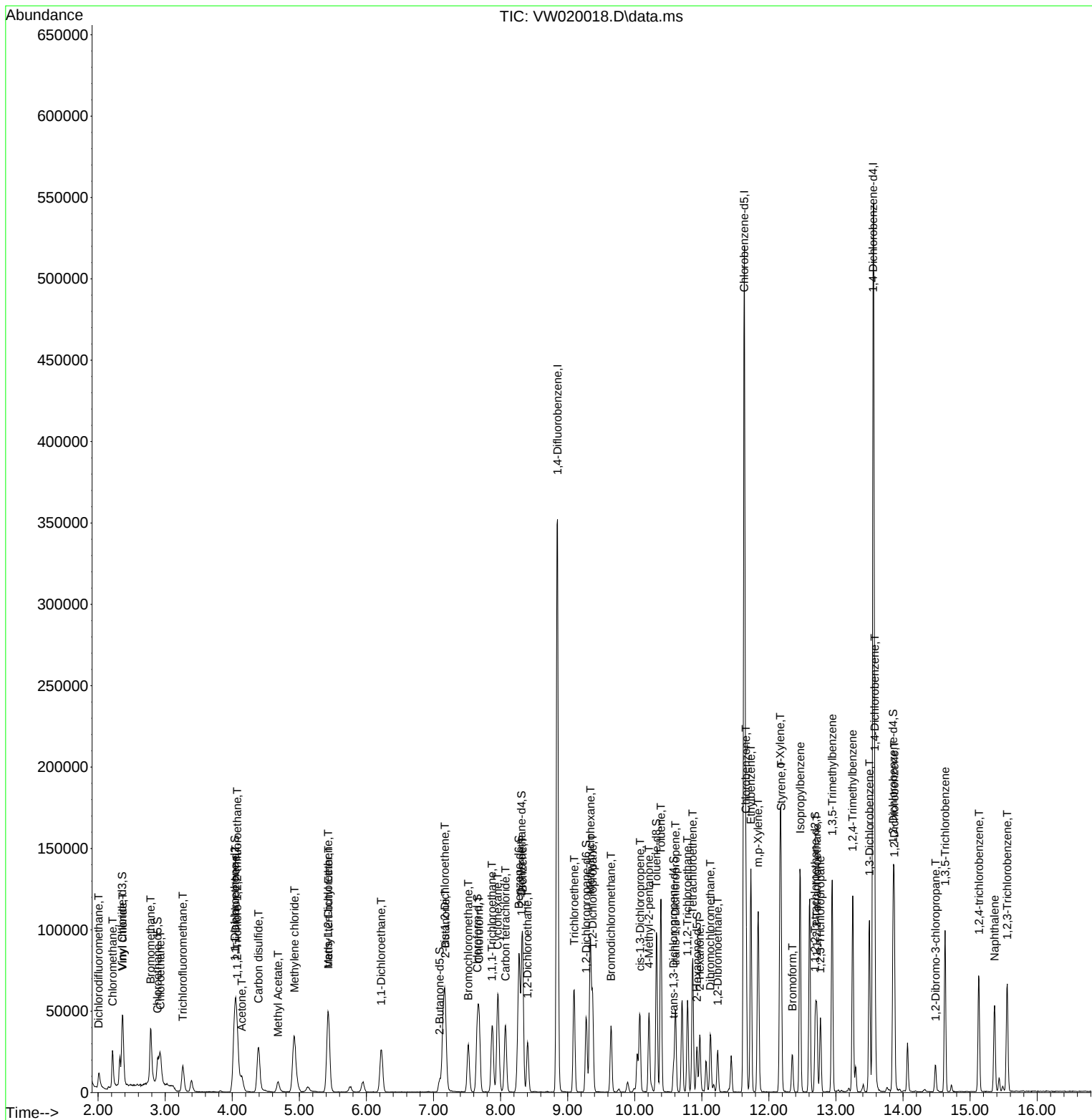
Quant Time: Sep 15 03:07:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 15 03:02:18 2021
 Response via : Initial Calibration

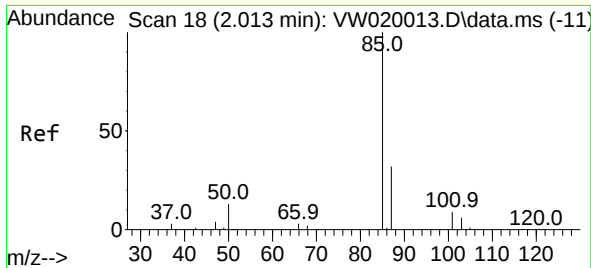
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	10.786	97	16837	5.499	ug/L	96
46) Tetrachloroethene	10.866	164	17051	5.159	ug/L	90
48) 2-Hexanone	10.969	43	21976	11.684	ug/L	98
49) Dibromochloromethane	11.128	129	18102	5.113	ug/L	98
50) 1,2-Dibromoethane	11.238	107	16202	5.422	ug/L	94
51) Chlorobenzene	11.658	112	56697	5.158	ug/L	98
52) Ethylbenzene	11.731	91	90941	4.933	ug/L	99
53) m,p-Xylene	11.841	106	33947	4.795	ug/L	90
54) o-Xylene	12.170	106	31001	4.683	ug/L	97
55) Styrene	12.183	104	53032	4.648	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	22177	5.492	ug/L	95
59) Bromoform	12.353	173	10225	5.057	ug/L	99
60) Isopropylbenzene	12.469	105	84460	4.851	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	17809	5.979	ug/L	97
62) 1,3,5-Trimethylbenzene	12.945	105	65913	4.617	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	63424	4.520	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	41116	5.106	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	42586	5.155	ug/L	96
67) 1,2-Dichlorobenzene	13.871	146	38274	5.320	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.487	75	4305	6.030	ug/L	94
69) 1,3,5-Trichlorobenzene	14.627	180	28939	5.300	ug/L	99
70) 1,2,4-trichlorobenzene	15.133	180	21809	5.057	ug/L	98
71) Naphthalene	15.365	128	44450	4.941	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	20870	5.174	ug/L	99

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

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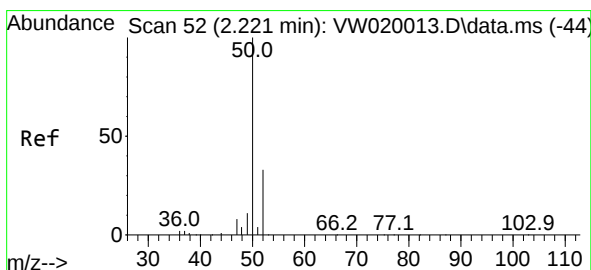
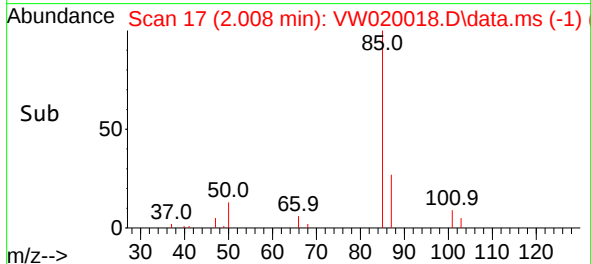
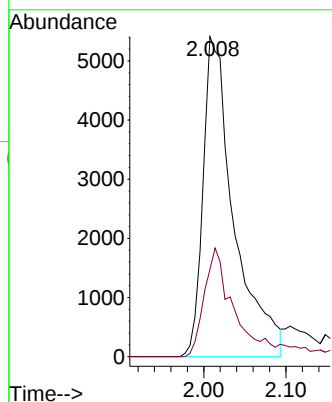
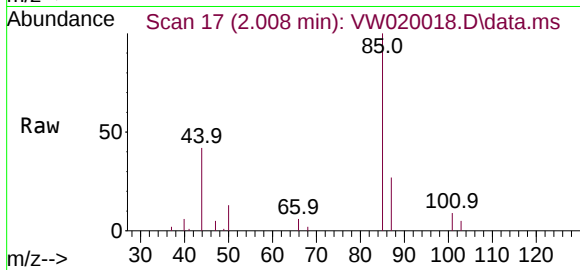




#2
Dichlorodifluoromethane
Concen: 4.601 ug/L
RT: 2.008 min Scan# 17
Delta R.T. -0.006 min
Lab File: VW020018.D
Acq: 14 Sep 2021 18:20

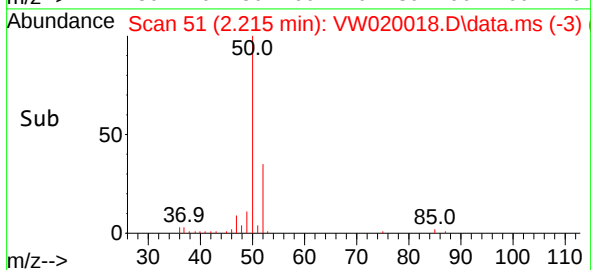
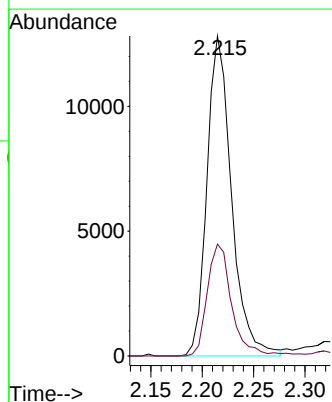
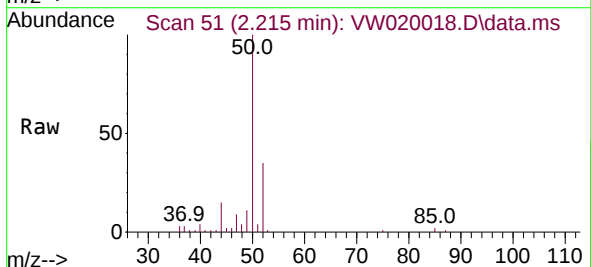
Instrument :
MSVOA_W
ClientSampleId :
VSTD005450

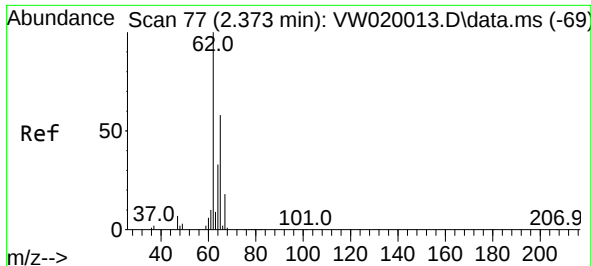
Tgt Ion: 85 Resp: 14102
Ion Ratio Lower Upper
85 100
87 30.2 23.3 34.9



#3
Chloromethane
Concen: 5.474 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW020018.D
Acq: 14 Sep 2021 18:20

Tgt Ion: 50 Resp: 21351
Ion Ratio Lower Upper
50 100
52 35.0 22.5 41.9

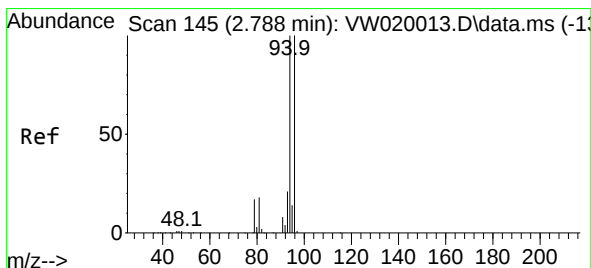
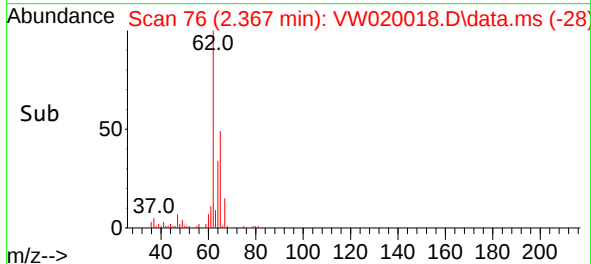
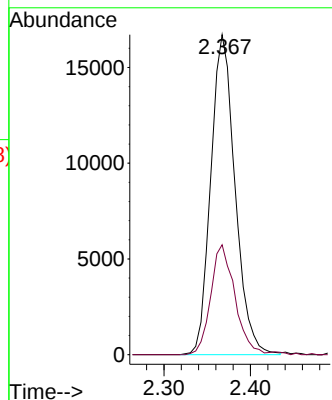
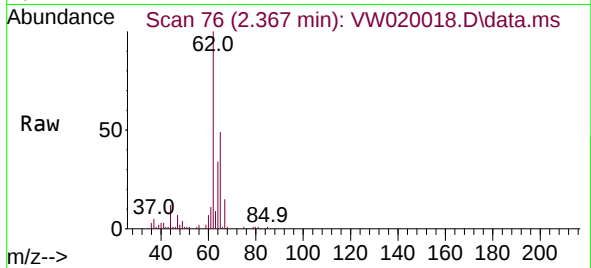




#5
 Vinyl chloride
 Concen: 5.256 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. -0.006 min
 Lab File: VW020018.D
 Acq: 14 Sep 2021 18:20

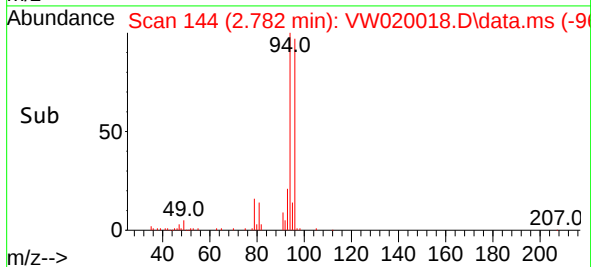
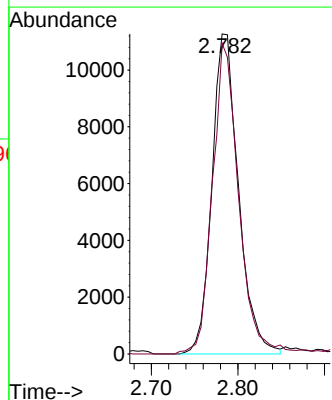
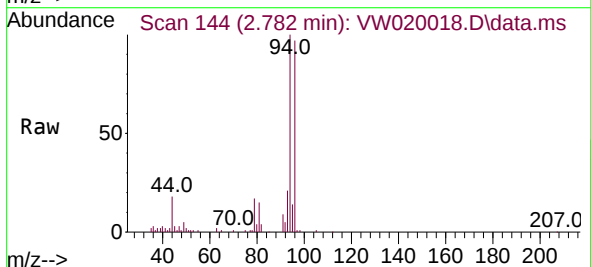
Instrument :
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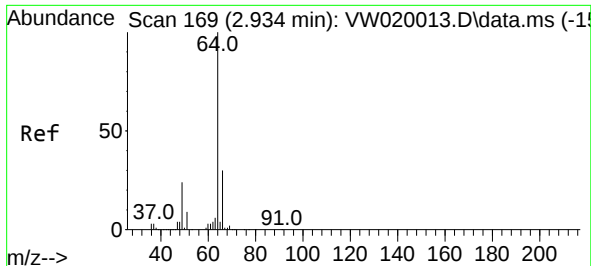
Tgt Ion: 62 Resp: 32541
 Ion Ratio Lower Upper
 62 100
 64 34.4 24.2 45.0



#6
 Bromomethane
 Concen: 5.563 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. -0.006 min
 Lab File: VW020018.D
 Acq: 14 Sep 2021 18:20

Tgt Ion: 94 Resp: 24042
 Ion Ratio Lower Upper
 94 100
 96 97.1 65.3 121.3

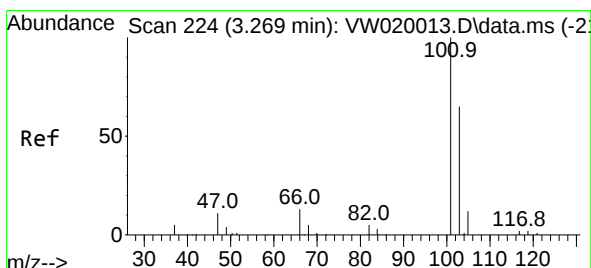
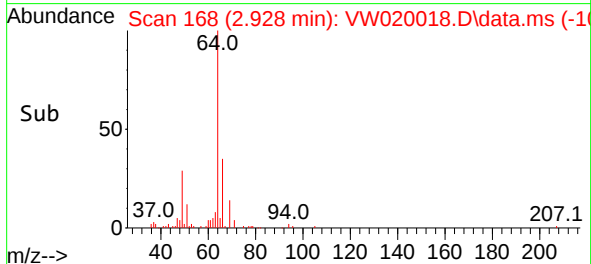
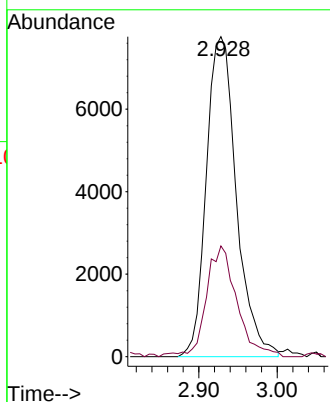
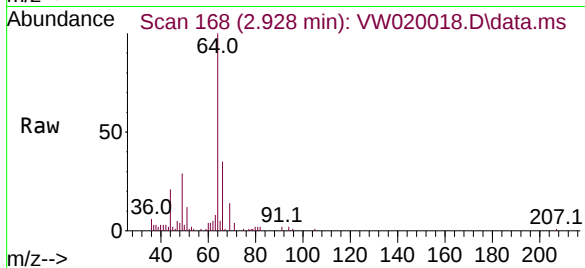




#8
Chloroethane
Concen: 5.483 ug/L
RT: 2.928 min Scan# 168
Delta R.T. -0.006 min
Lab File: VW020018.D
Acq: 14 Sep 2021 18:20

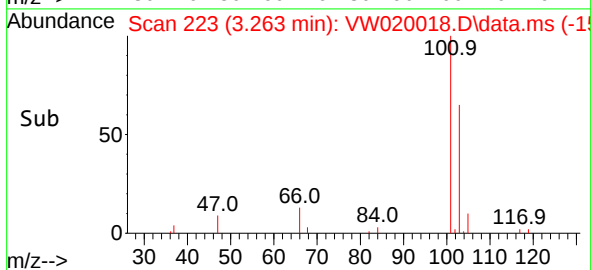
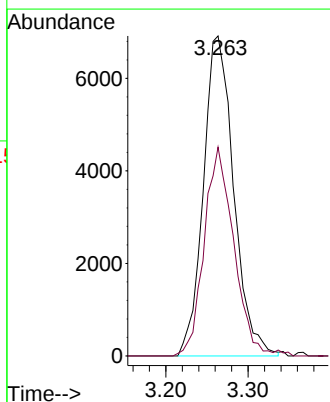
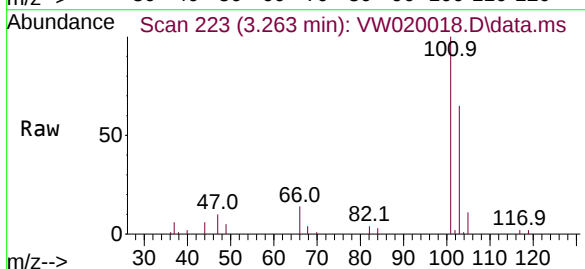
Instrument :
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ClientSampleId :
VSTD005450

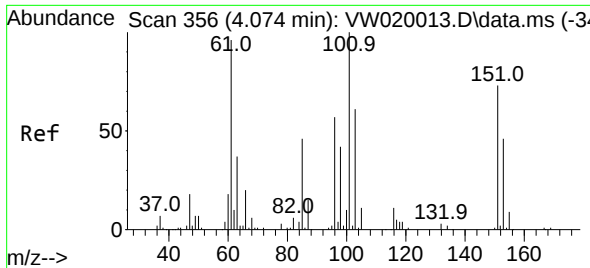
Tgt Ion: 64 Resp: 20674
Ion Ratio Lower Upper
64 100
66 34.6 23.4 43.6



#9
Trichlorofluoromethane
Concen: 4.806 ug/L
RT: 3.263 min Scan# 223
Delta R.T. -0.006 min
Lab File: VW020018.D
Acq: 14 Sep 2021 18:20

Tgt Ion: 101 Resp: 17734
Ion Ratio Lower Upper
101 100
103 63.3 51.0 76.4

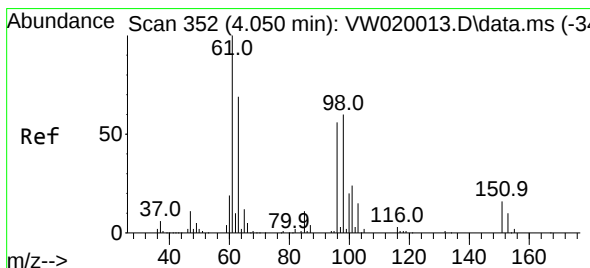
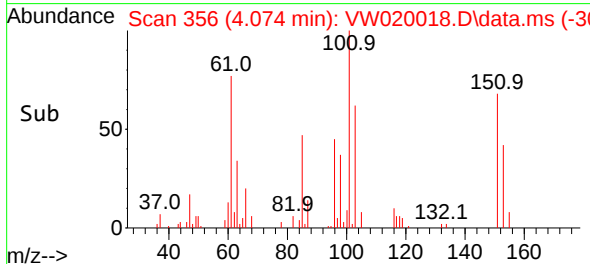
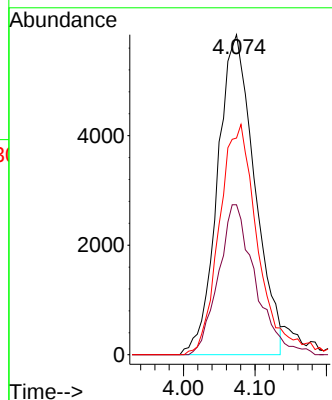
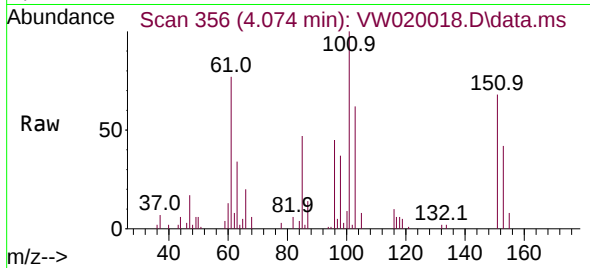




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.148 ug/L
 RT: 4.074 min Scan# 356
 Delta R.T. 0.000 min
 Lab File: VW020018.D
 Acq: 14 Sep 2021 18:20

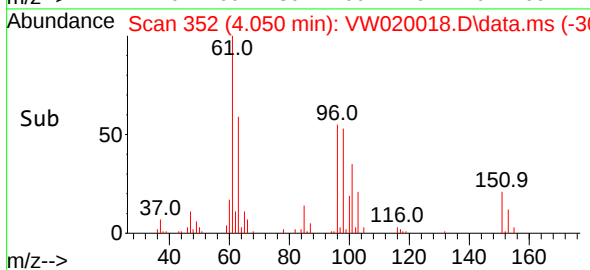
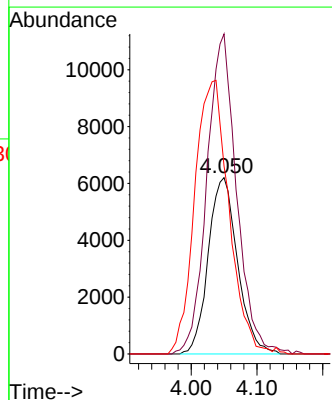
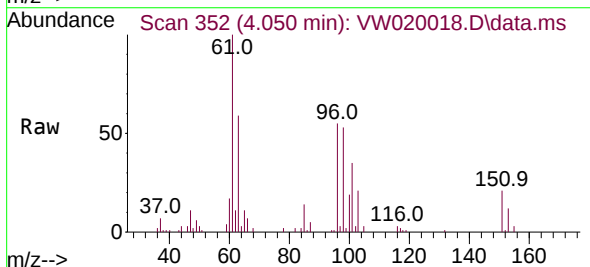
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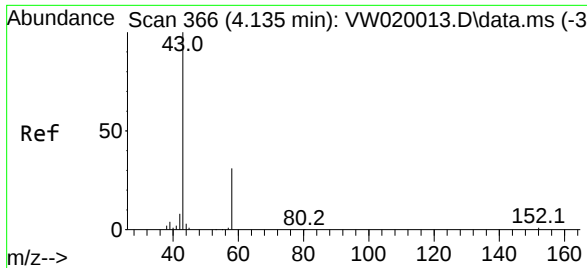
Tgt Ion:101 Resp: 21072
 Ion Ratio Lower Upper
 101 100
 85 46.7 38.2 57.2
 151 73.5 56.6 85.0



#12
 1,1-Dichloroethene
 Concen: 5.017 ug/L
 RT: 4.050 min Scan# 352
 Delta R.T. 0.000 min
 Lab File: VW020018.D
 Acq: 14 Sep 2021 18:20

Tgt Ion: 96 Resp: 19236
 Ion Ratio Lower Upper
 96 100
 61 181.5 118.1 219.3
 63 106.6 83.7 155.5

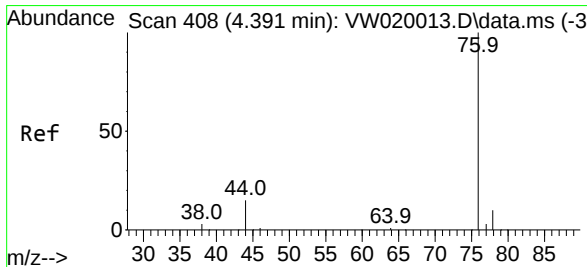
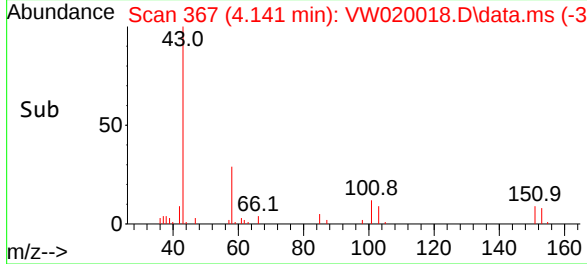
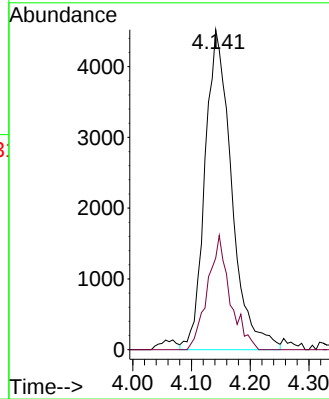
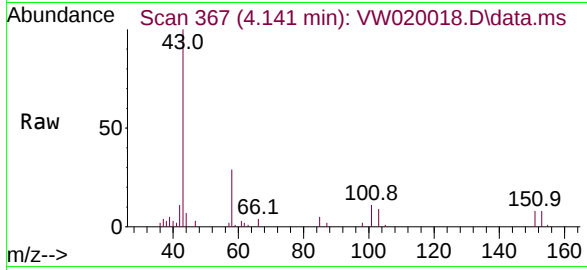




#13
Acetone
Concen: 11.957 ug/L
RT: 4.141 min Scan# 367
Delta R.T. 0.006 min
Lab File: VW020018.D
Acq: 14 Sep 2021 18:20

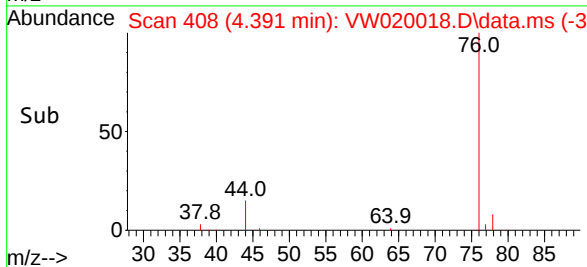
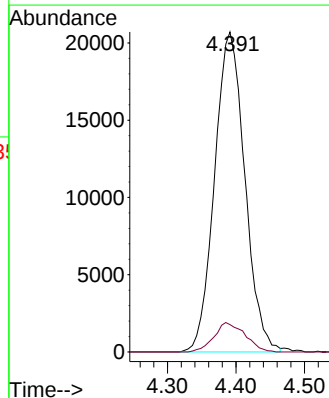
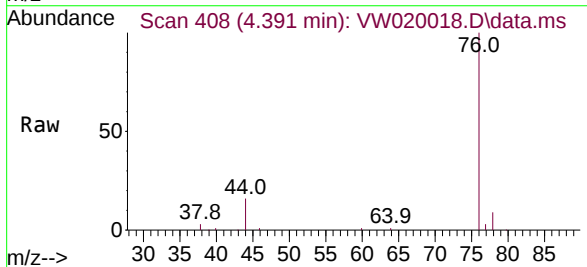
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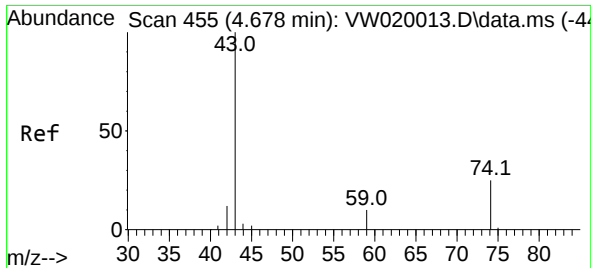
Tgt Ion: 43 Resp: 14289
Ion Ratio Lower Upper
43 100
58 30.1 0.0 53.8



#14
Carbon disulfide
Concen: 4.991 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.000 min
Lab File: VW020018.D
Acq: 14 Sep 2021 18:20

Tgt Ion: 76 Resp: 63415
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0

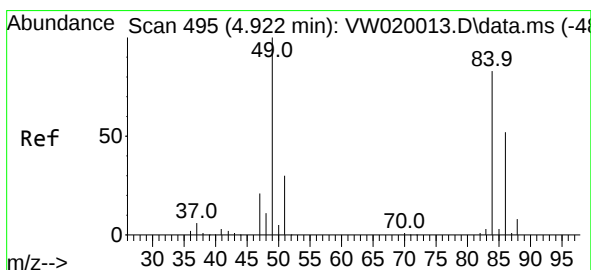
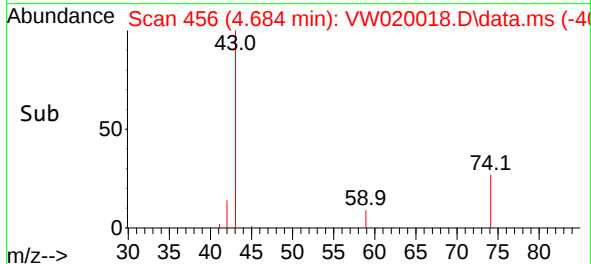
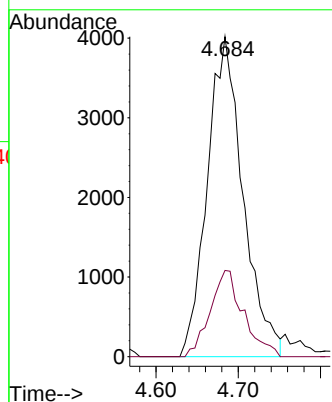
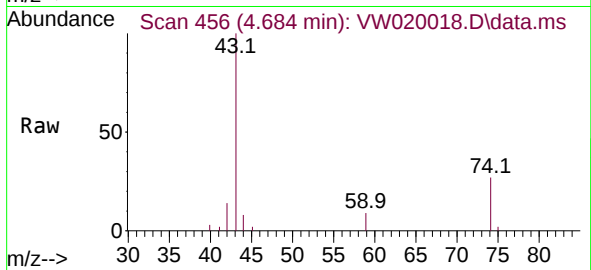




#15
Methyl Acetate
Concen: 5.909 ug/L
RT: 4.684 min Scan# 456
Delta R.T. 0.006 min
Lab File: VW020018.D
Acq: 14 Sep 2021 18:20

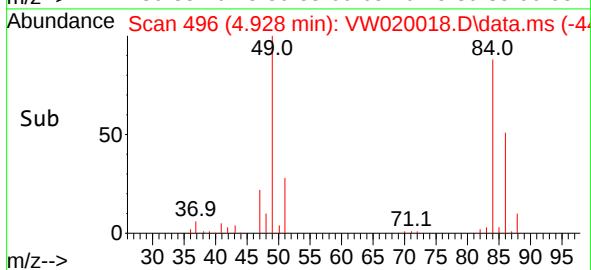
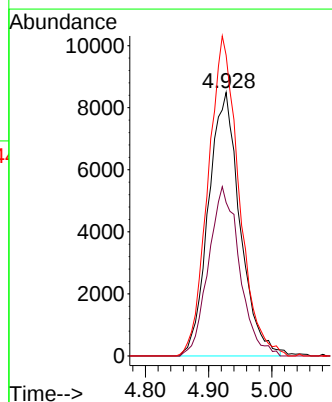
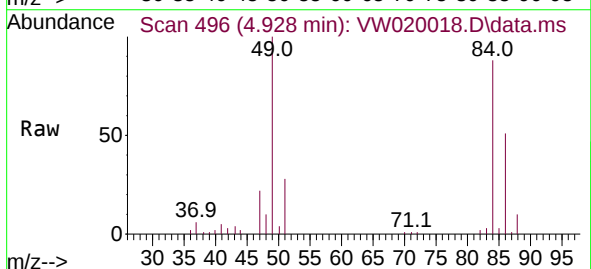
Instrument :
MSVOA_W
ClientSampleId :
VSTD005450

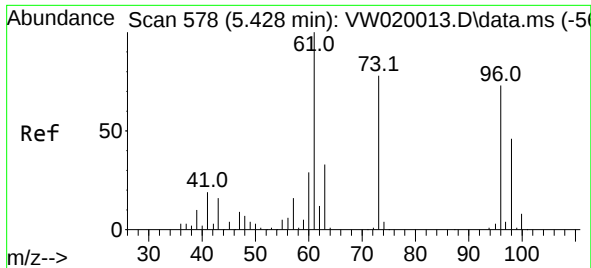
Tgt Ion: 43 Resp: 12160
Ion Ratio Lower Upper
43 100
74 25.0 20.0 30.0



#16
Methylene chloride
Concen: 5.583 ug/L
RT: 4.928 min Scan# 496
Delta R.T. 0.006 min
Lab File: VW020018.D
Acq: 14 Sep 2021 18:20

Tgt Ion: 84 Resp: 29395
Ion Ratio Lower Upper
84 100
86 58.2 45.3 84.1
49 114.1 86.6 160.8

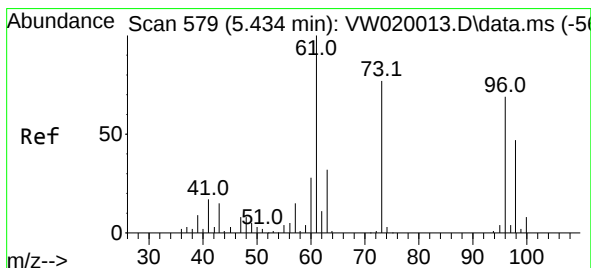
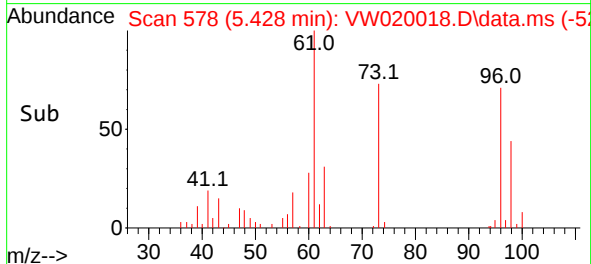
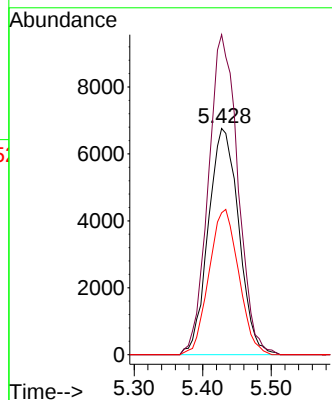
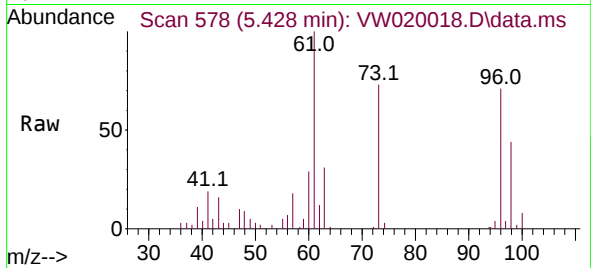




#17
trans-1,2-Dichloroethene
Concen: 5.208 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW020018.D
Acq: 14 Sep 2021 18:20

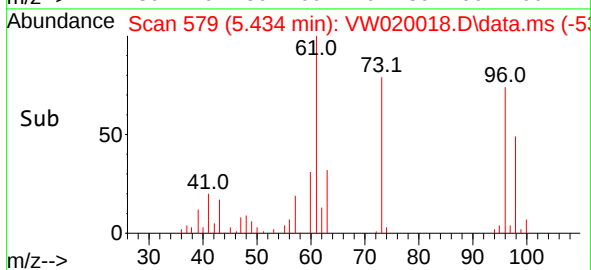
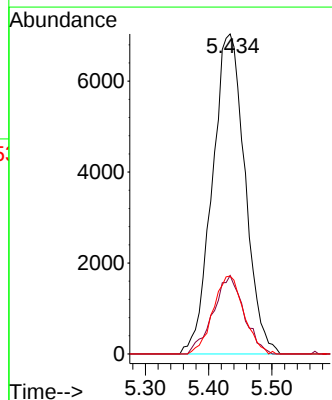
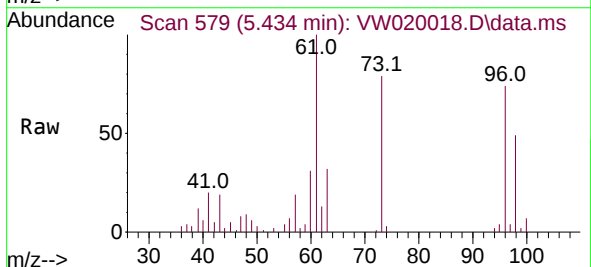
Instrument :
MSVOA_W
ClientSampleId :
VSTD005450

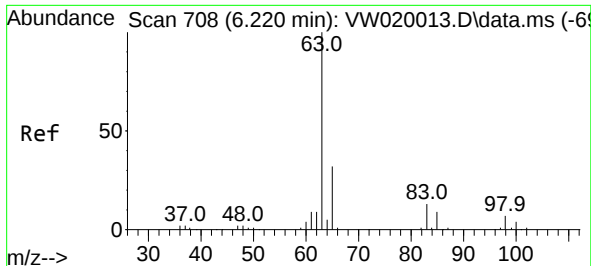
Tgt Ion:	96	Resp:	20928
Ion	Ratio	Lower	Upper
96	100		
61	141.4	98.3	182.7
98	62.8	46.1	85.7



#18
Methyl tert-butyl Ether
Concen: 5.096 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.000 min
Lab File: VW020018.D
Acq: 14 Sep 2021 18:20

Tgt Ion:	73	Resp:	25166
Ion	Ratio	Lower	Upper
73	100		
43	23.1	17.7	26.5
57	22.9	17.0	25.4





#19

1,1-Dichloroethane

Concen: 5.260 ug/L

RT: 6.220 min Scan# 708

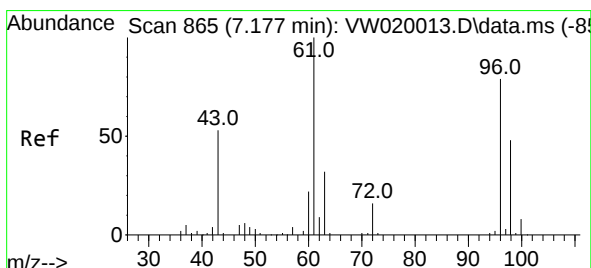
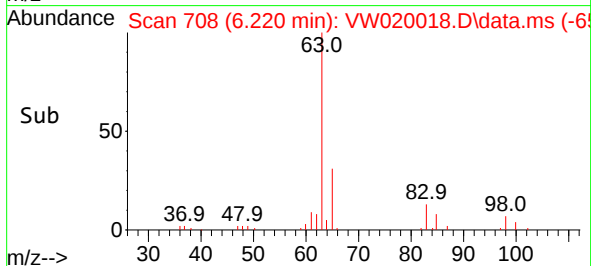
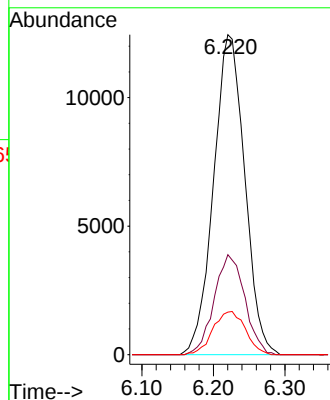
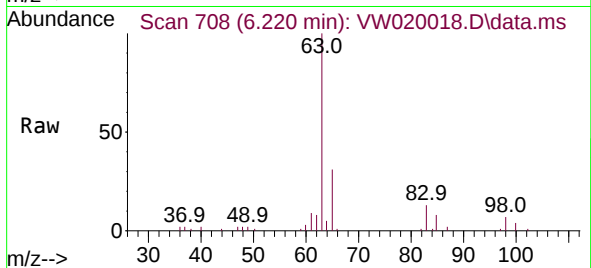
Delta R.T. 0.000 min

Lab File: VW020018.D

Acq: 14 Sep 2021 18:20

Tgt Ion:	63	Resp:	37650
Ion	Ratio	Lower	Upper
63	100		
65	31.3	22.9	42.5
83	13.3	10.2	19.0

Instrument :
MSVOA_W
ClientSampleId :
VSTD005450



#20

cis-1,2-Dichloroethene

Concen: 4.993 ug/L

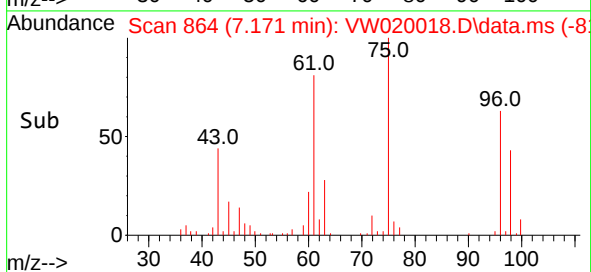
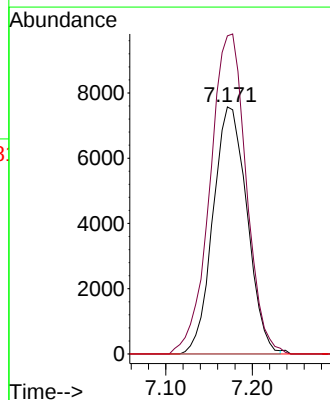
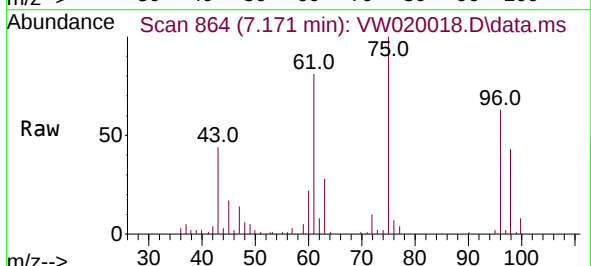
RT: 7.171 min Scan# 864

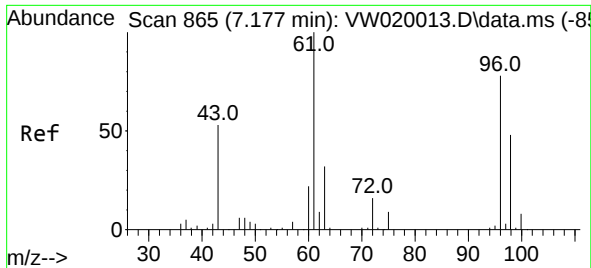
Delta R.T. -0.006 min

Lab File: VW020018.D

Acq: 14 Sep 2021 18:20

Tgt Ion:	96	Resp:	20669
Ion	Ratio	Lower	Upper
96	100		
61	128.8	88.5	164.3
68	0.0	0.0	0.0

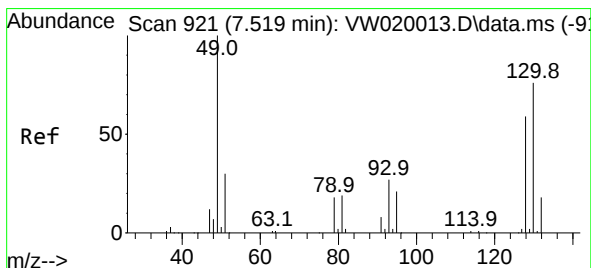
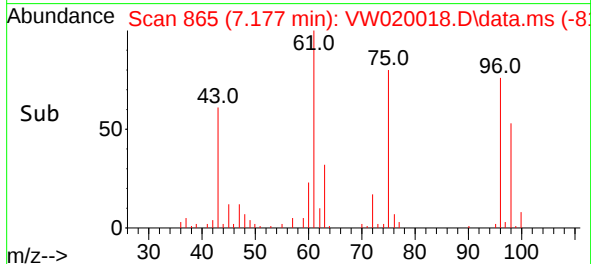
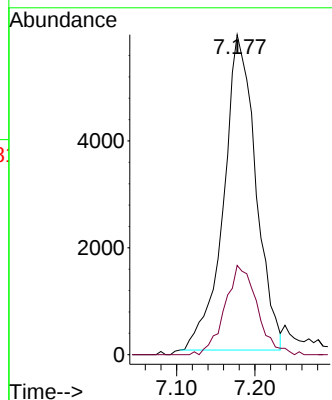
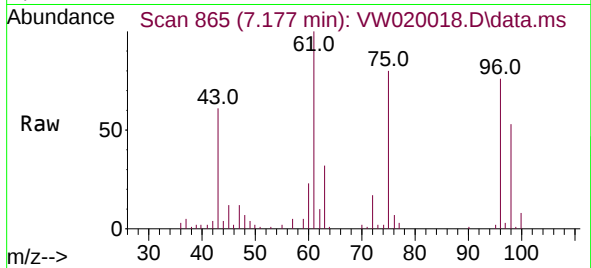




#22
2-Butanone
Concen: 11.311 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.000 min
Lab File: VW020018.D
Acq: 14 Sep 2021 18:20

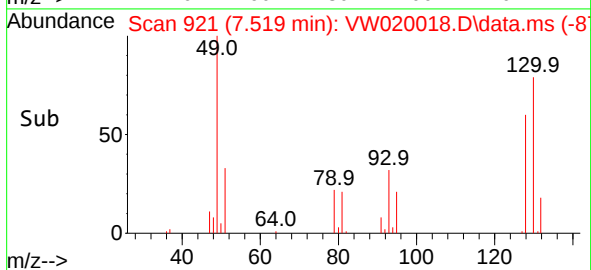
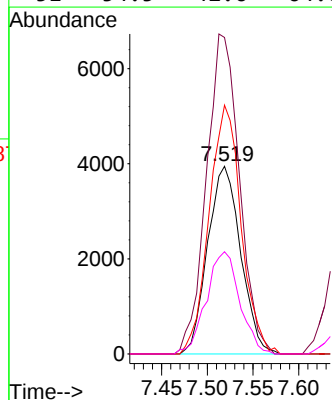
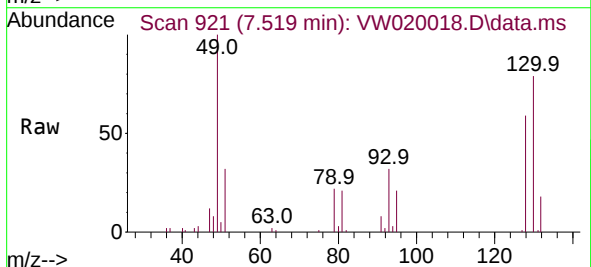
Instrument :
MSVOA_W
ClientSampleId :
VSTD005450

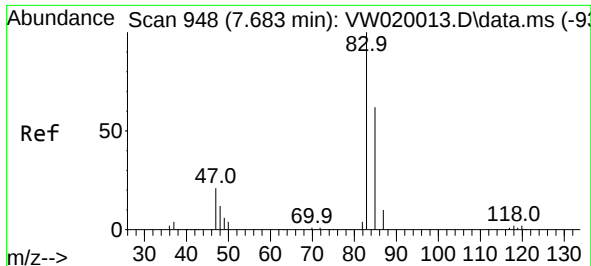
Tgt Ion: 43 Resp: 16891
Ion Ratio Lower Upper
43 100
72 27.7 14.9 44.7



#23
Bromochloromethane
Concen: 5.135 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.000 min
Lab File: VW020018.D
Acq: 14 Sep 2021 18:20

Tgt Ion: 128 Resp: 9907
Ion Ratio Lower Upper
128 100
49 168.7 116.3 215.9
130 132.6 82.4 153.0
51 54.5 42.6 64.0

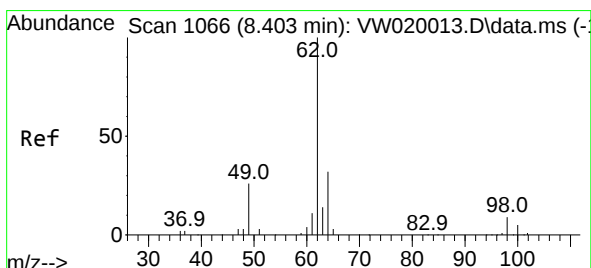
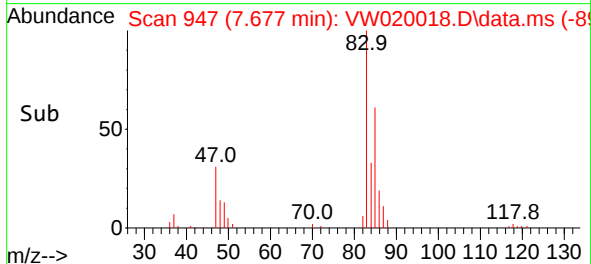
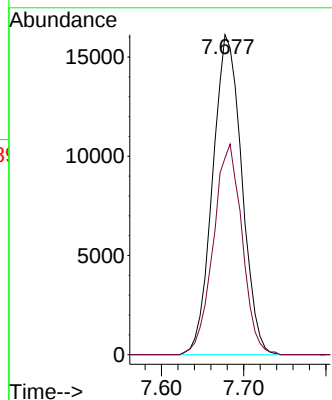
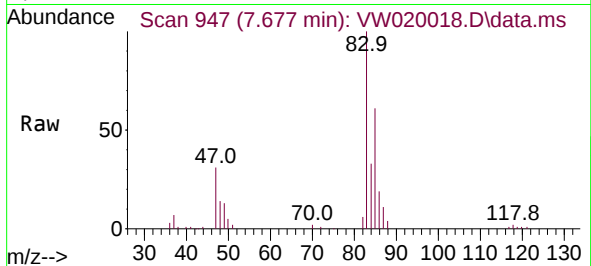




#25
Chloroform
Concen: 5.291 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.006 min
Lab File: VW020018.D
Acq: 14 Sep 2021 18:20

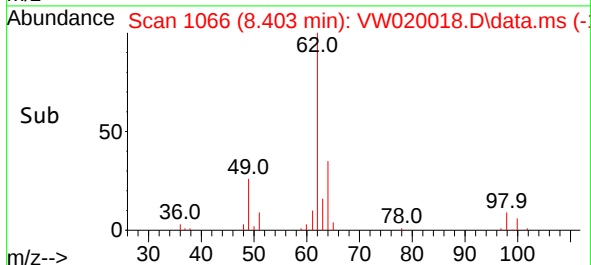
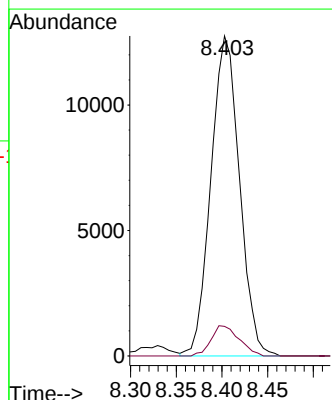
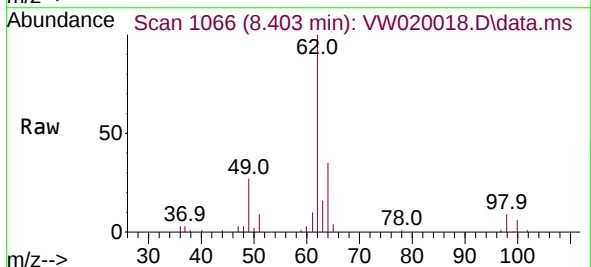
Instrument :
MSVOA_W
ClientSampleId :
VSTD005450

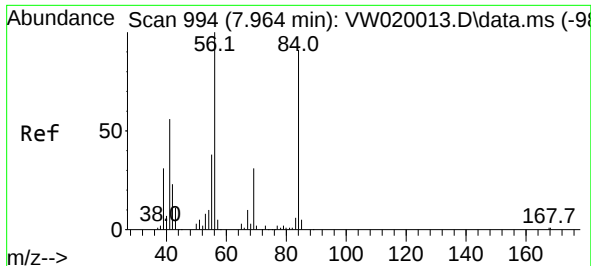
Tgt Ion: 83 Resp: 39727
Ion Ratio Lower Upper
83 100
85 61.5 44.6 82.8



#27
1,2-Dichloroethane
Concen: 5.325 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW020018.D
Acq: 14 Sep 2021 18:20

Tgt Ion: 62 Resp: 27754
Ion Ratio Lower Upper
62 100
98 9.2 6.9 10.3

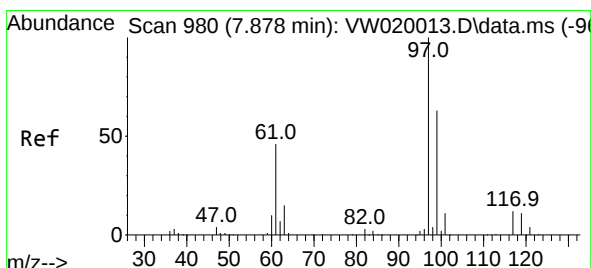
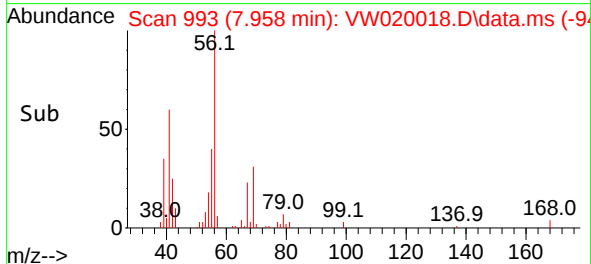
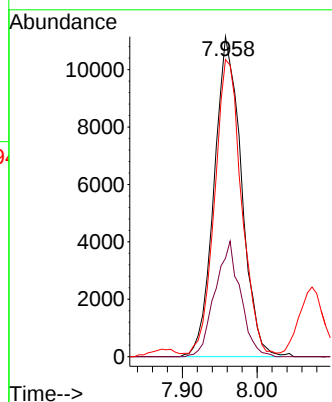
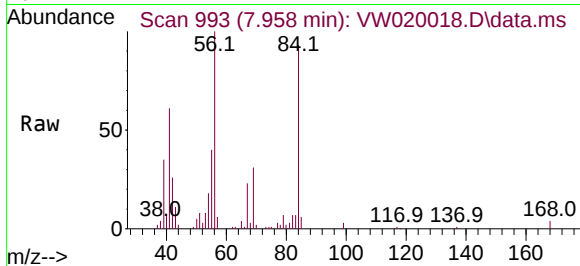




#29
Cyclohexane
Concen: 4.795 ug/L
RT: 7.958 min Scan# 993
Delta R.T. -0.006 min
Lab File: VW020018.D
Acq: 14 Sep 2021 18:20

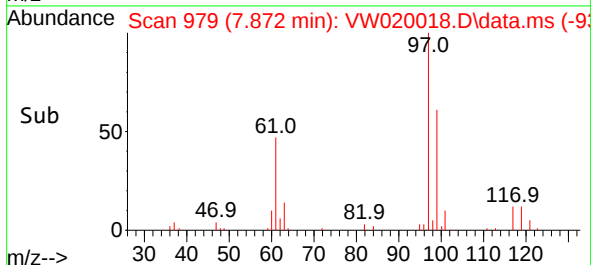
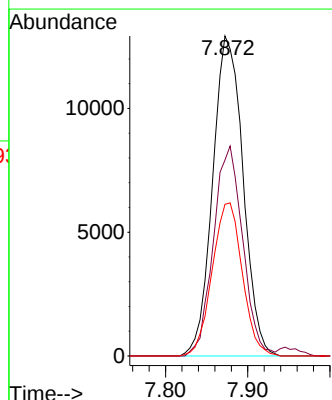
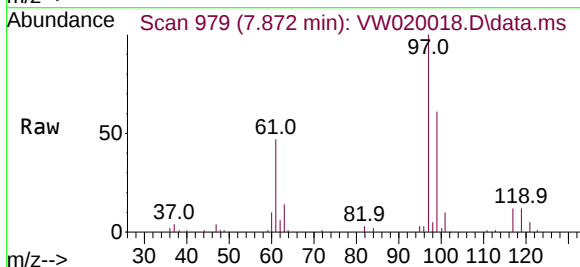
Instrument :
MSVOA_W
ClientSampleId :
VSTD005450

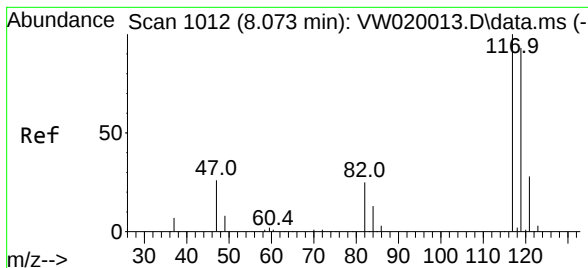
Tgt Ion:	56	Resp:	28301
Ion	Ratio	Lower	Upper
56	100		
69	33.6	24.5	36.7
84	92.4	75.0	112.4



#30
1,1,1-Trichloroethane
Concen: 5.308 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.006 min
Lab File: VW020018.D
Acq: 14 Sep 2021 18:20

Tgt Ion:	97	Resp:	33174
Ion	Ratio	Lower	Upper
97	100		
99	63.3	51.4	77.2
61	47.5	37.8	56.6

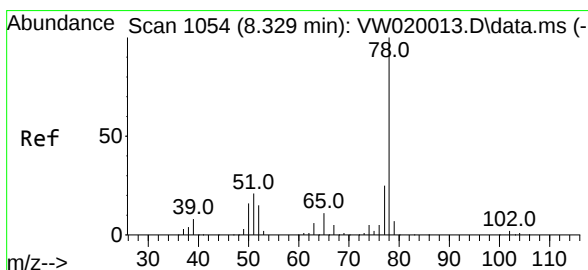
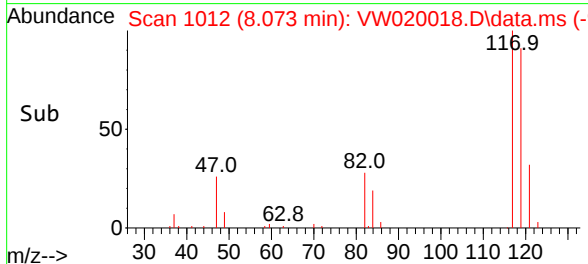
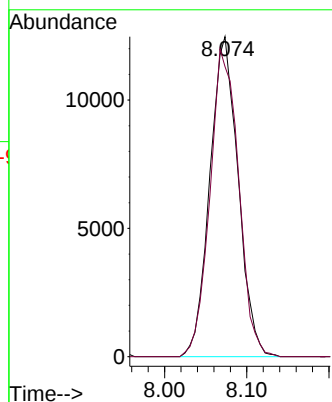
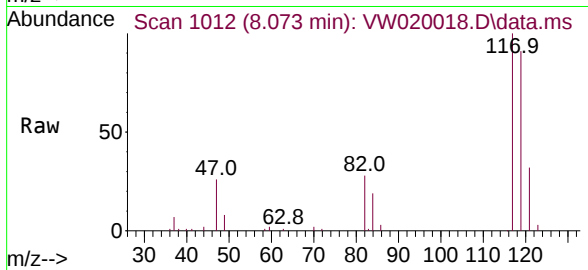




#31
Carbon tetrachloride
Concen: 5.049 ug/L
RT: 8.073 min Scan# 1012
Delta R.T. 0.000 min
Lab File: VW020018.D
Acq: 14 Sep 2021 18:20

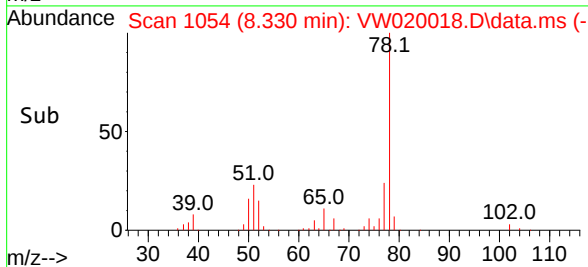
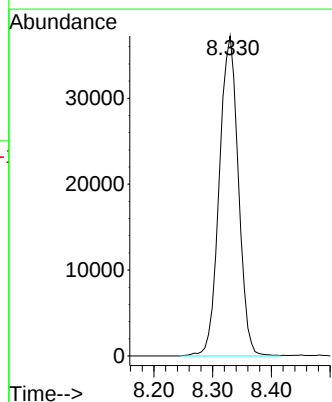
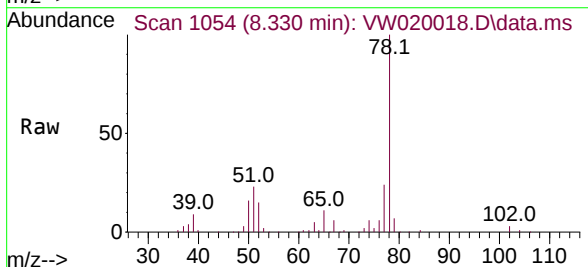
Instrument :
MSVOA_W
ClientSampleId :
VSTD005450

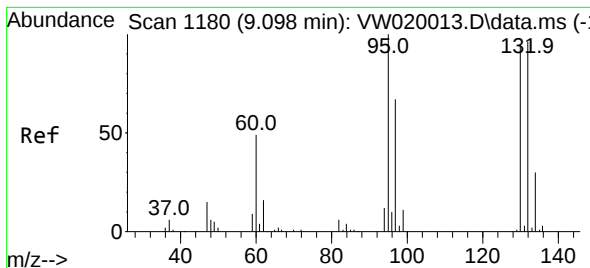
Tgt Ion:117 Resp: 29844
Ion Ratio Lower Upper
117 100
119 97.5 76.5 114.7



#33
Benzene
Concen: 5.327 ug/L
RT: 8.330 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VW020018.D
Acq: 14 Sep 2021 18:20

Tgt Ion: 78 Resp: 84042





#34

Trichloroethene

Concen: 5.262 ug/L

RT: 9.098 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VW020018.D

Acq: 14 Sep 2021 18:20

Tgt Ion: 95 Resp: 22032

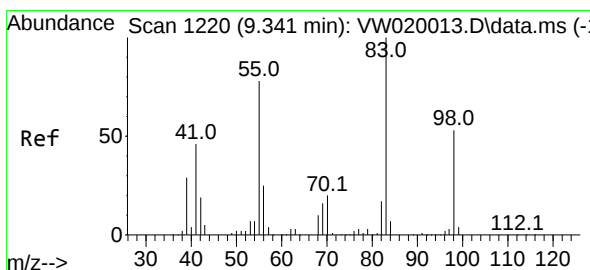
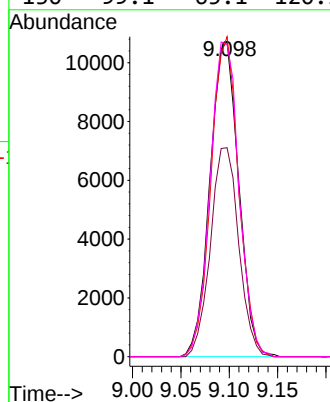
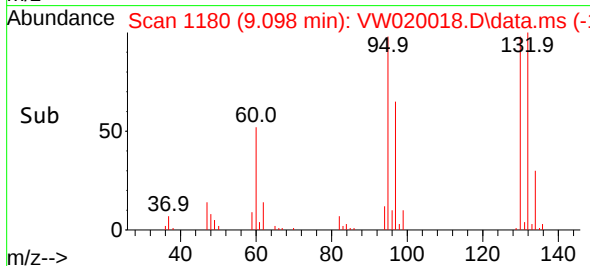
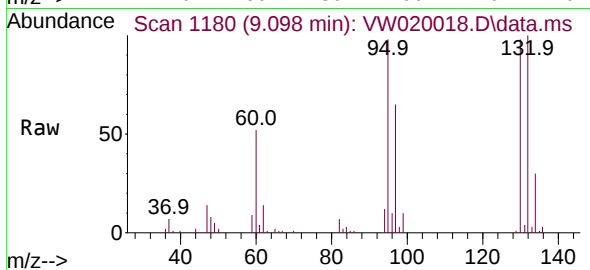
Ion Ratio Lower Upper

95 100

97 66.3 47.3 87.8

132 101.6 71.0 131.8

130 99.1 65.1 120.9



#35

Methylcyclohexane

Concen: 4.873 ug/L

RT: 9.342 min Scan# 1220

Delta R.T. 0.000 min

Lab File: VW020018.D

Acq: 14 Sep 2021 18:20

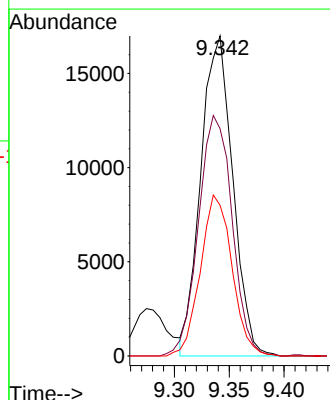
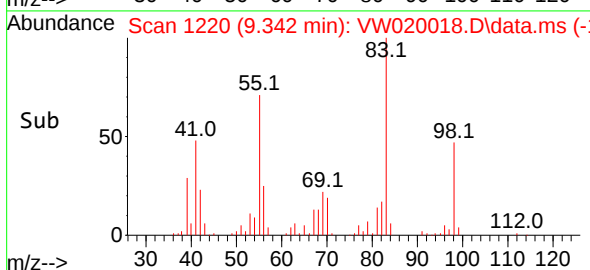
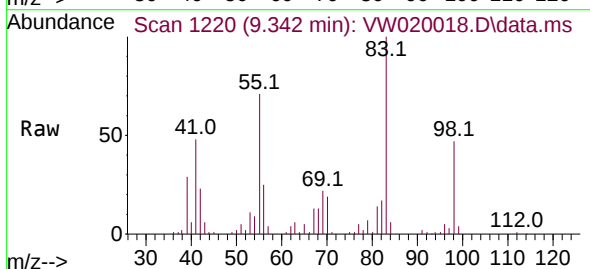
Tgt Ion: 83 Resp: 34538

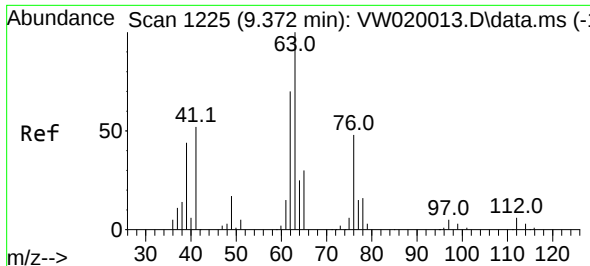
Ion Ratio Lower Upper

83 100

55 79.2 58.9 88.3

98 49.8 40.1 60.1

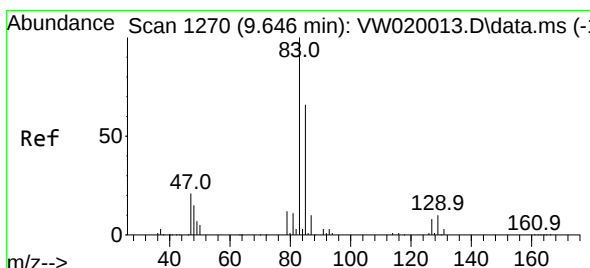
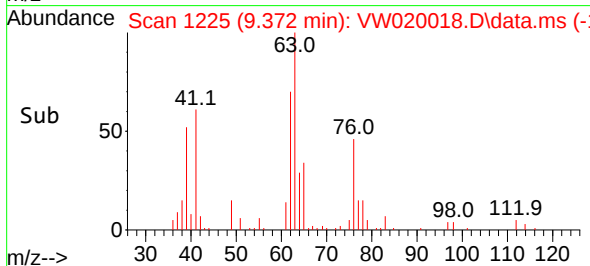
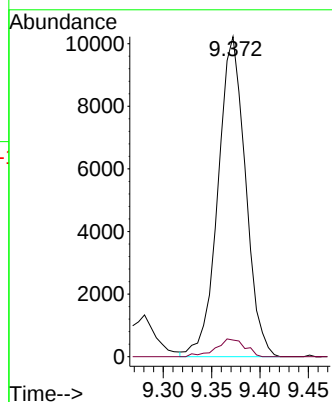
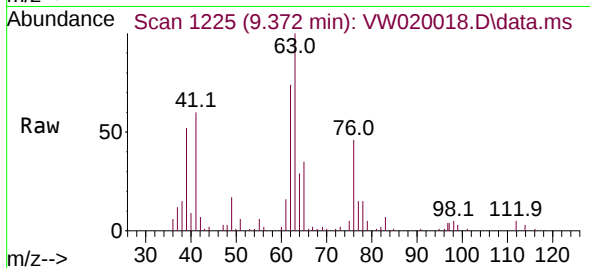




#37
1,2-Dichloropropane
Concen: 5.226 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VW020018.D
Acq: 14 Sep 2021 18:20

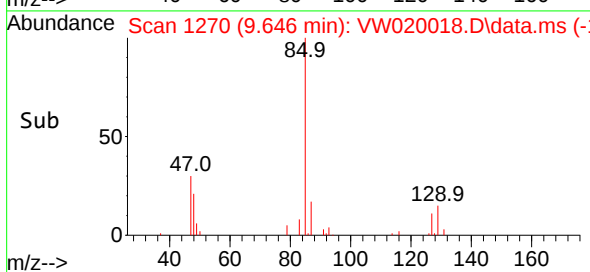
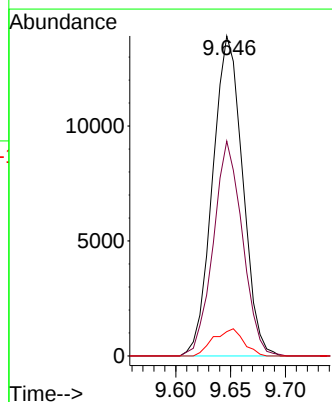
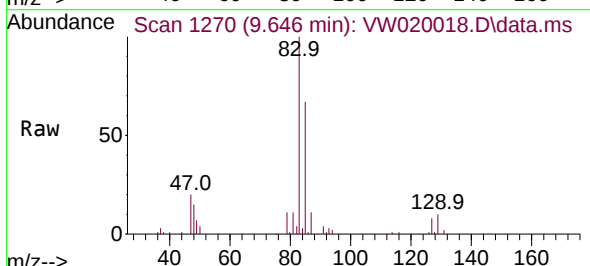
Instrument :
MSVOA_W
ClientSampleId :
VSTD005450

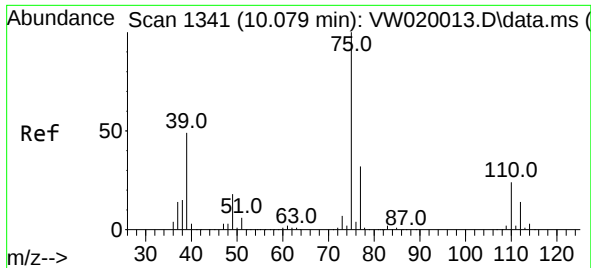
Tgt Ion: 63 Resp: 20203
Ion Ratio Lower Upper
63 100
112 5.8 3.9 5.9



#38
Bromodichloromethane
Concen: 5.034 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW020018.D
Acq: 14 Sep 2021 18:20

Tgt Ion: 83 Resp: 26479
Ion Ratio Lower Upper
83 100
85 67.1 42.3 78.5
127 7.6 6.6 9.8

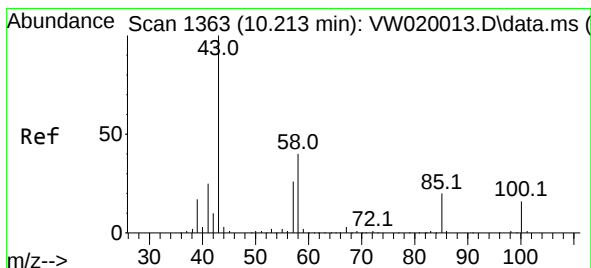
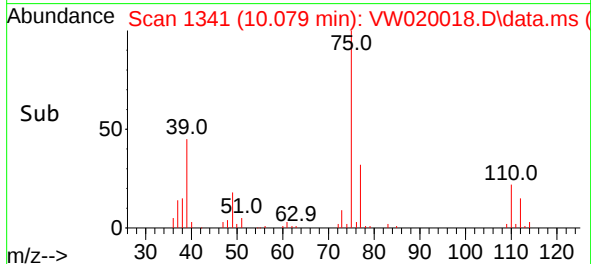
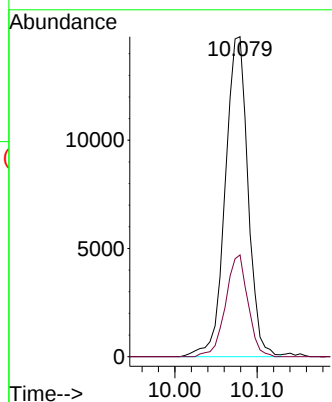
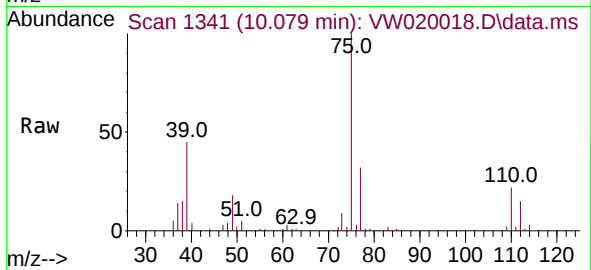




#39
cis-1,3-Dichloropropene
Concen: 4.848 ug/L
RT: 10.079 min Scan# 1341
Delta R.T. 0.000 min
Lab File: VW020018.D
Acq: 14 Sep 2021 18:20

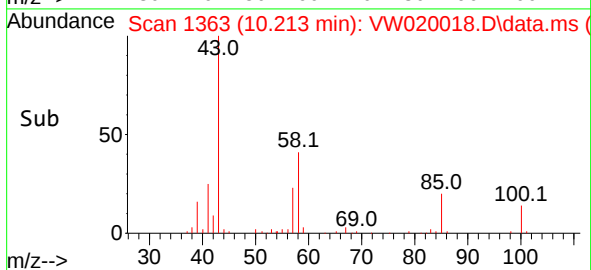
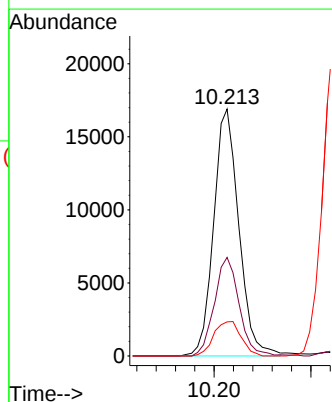
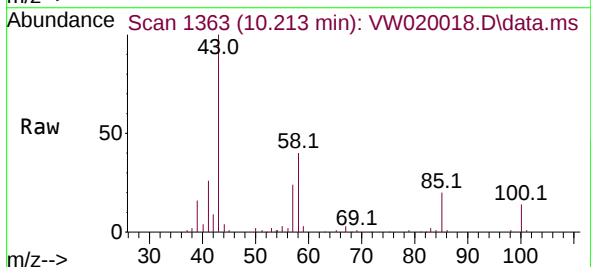
Instrument :
MSVOA_W
ClientSampleId :
VSTD005450

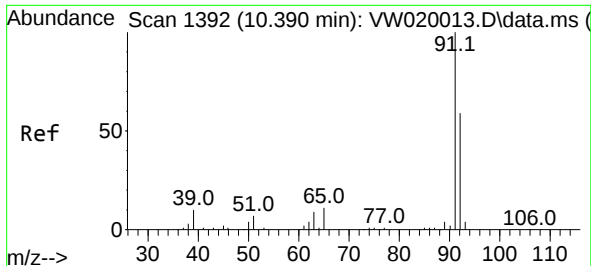
Tgt Ion: 75 Resp: 28484
Ion Ratio Lower Upper
75 100
77 31.8 22.6 42.0



#40
4-Methyl-2-pentanone
Concen: 11.521 ug/L
RT: 10.213 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VW020018.D
Acq: 14 Sep 2021 18:20

Tgt Ion: 43 Resp: 30511
Ion Ratio Lower Upper
43 100
58 39.1 31.0 46.4
100 15.2 13.0 19.6

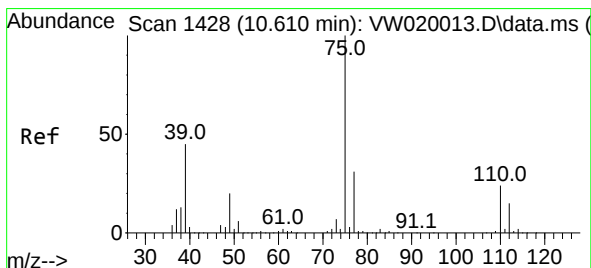
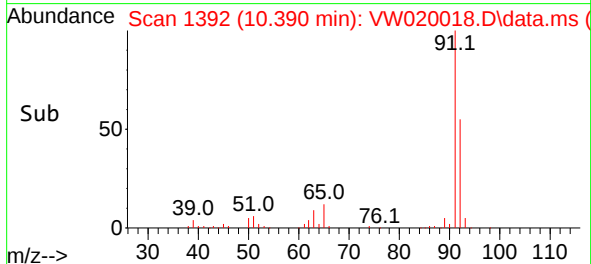
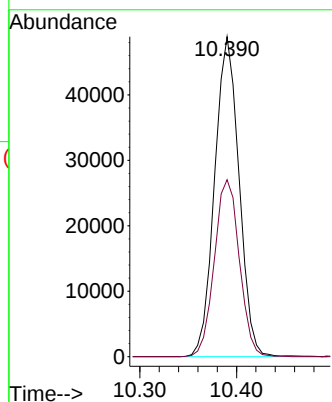
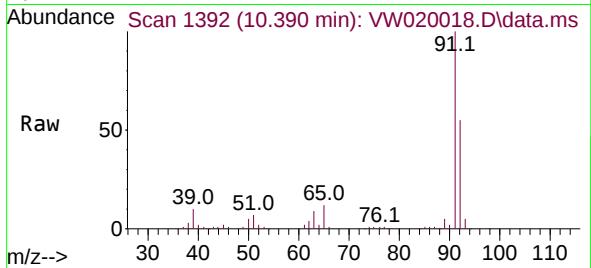




#42
Toluene
Concen: 5.080 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW020018.D
Acq: 14 Sep 2021 18:20

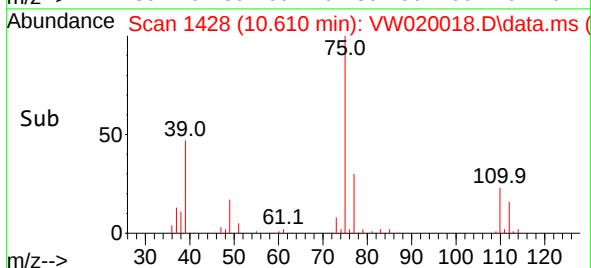
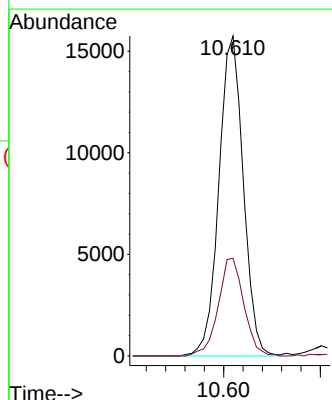
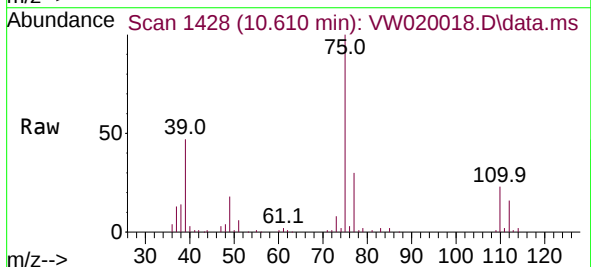
Instrument :
MSVOA_W
ClientSampleId :
VSTD005450

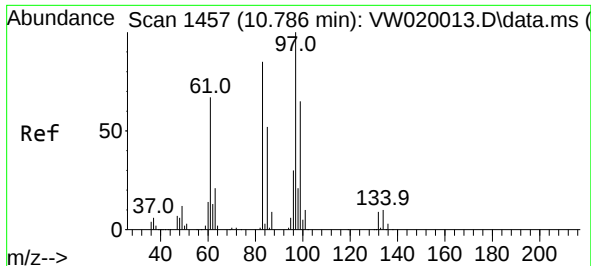
Tgt Ion: 91 Resp: 85558
Ion Ratio Lower Upper
91 100
92 55.3 39.5 73.3



#44
trans-1,3-Dichloropropene
Concen: 5.028 ug/L
RT: 10.610 min Scan# 1428
Delta R.T. 0.000 min
Lab File: VW020018.D
Acq: 14 Sep 2021 18:20

Tgt Ion: 75 Resp: 27537
Ion Ratio Lower Upper
75 100
77 30.5 21.1 39.1

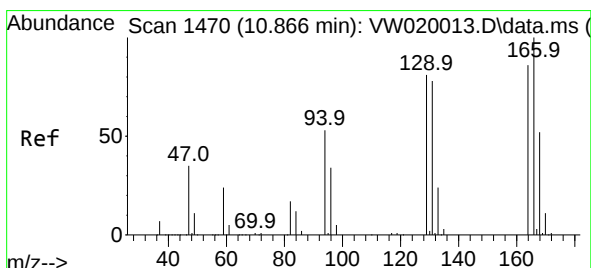
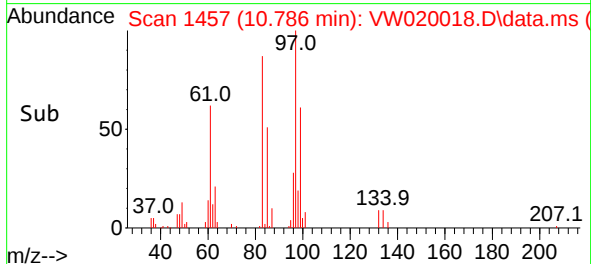
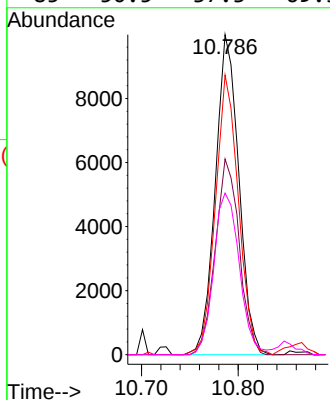
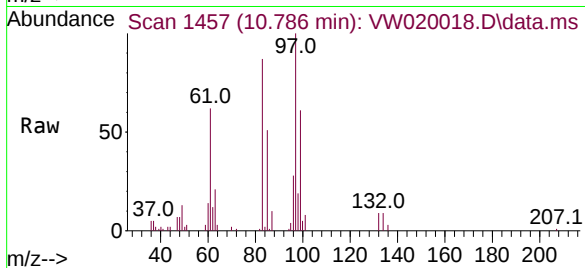




#45
1,1,2-Trichloroethane
Concen: 5.499 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW020018.D
Acq: 14 Sep 2021 18:20

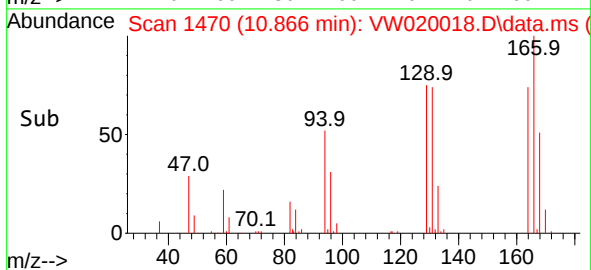
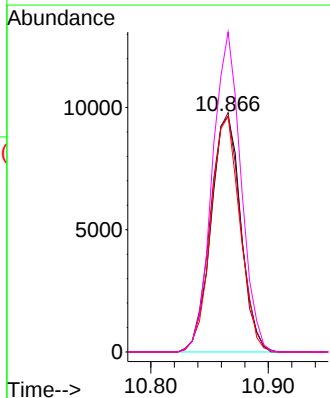
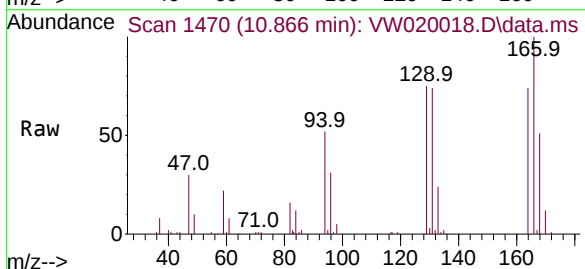
Instrument :
MSVOA_W
ClientSampleId :
VSTD005450

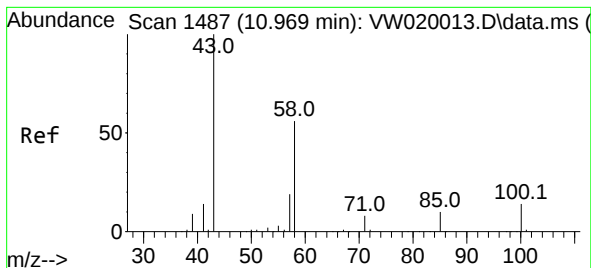
Tgt Ion:	97	Resp:	16837
Ion	Ratio	Lower	Upper
97	100		
99	61.2	45.1	83.7
83	87.4	58.1	107.9
85	50.5	37.3	69.3



#46
Tetrachloroethene
Concen: 5.159 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW020018.D
Acq: 14 Sep 2021 18:20

Tgt Ion:	164	Resp:	17051
Ion	Ratio	Lower	Upper
164	100		
129	101.6	66.7	123.9
131	100.0	61.1	113.5
166	135.8	87.0	161.6

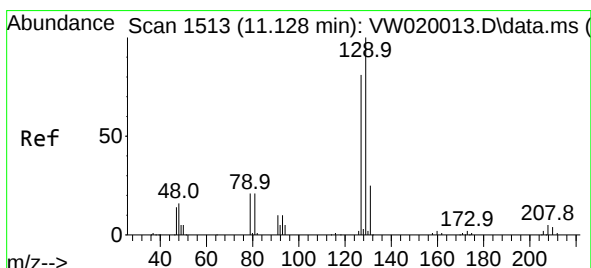
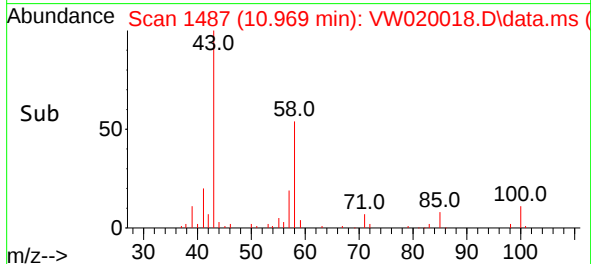
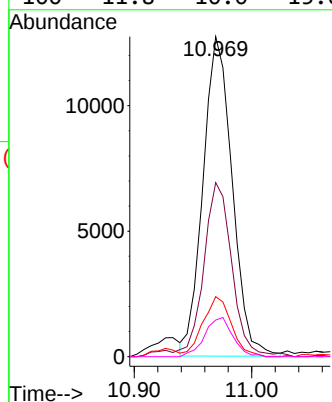
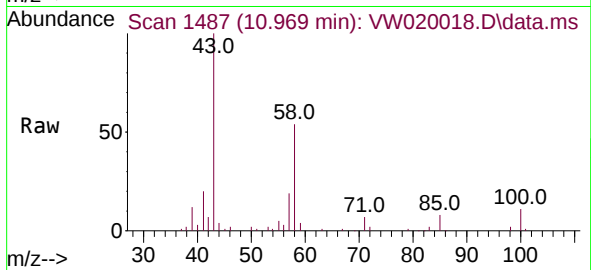




#48
2-Hexanone
Concen: 11.684 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW020018.D
Acq: 14 Sep 2021 18:20

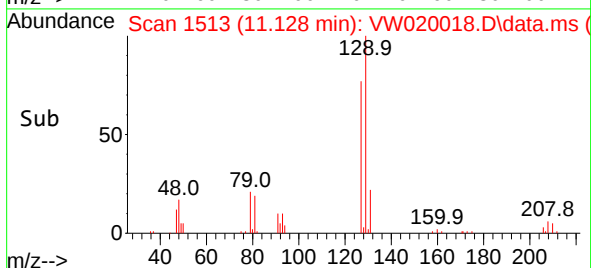
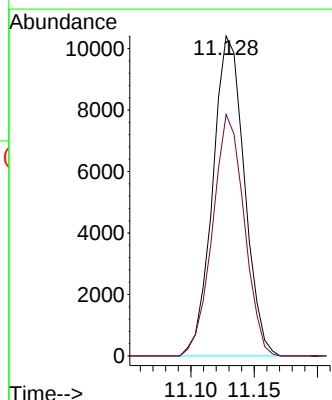
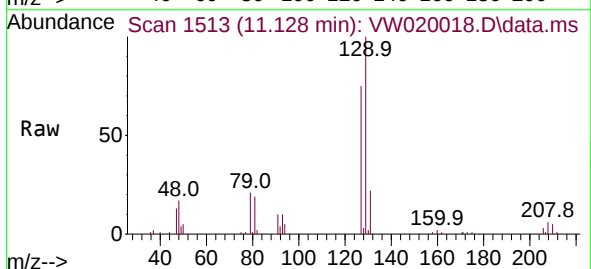
Instrument :
MSVOA_W
ClientSampleId :
VSTD005450

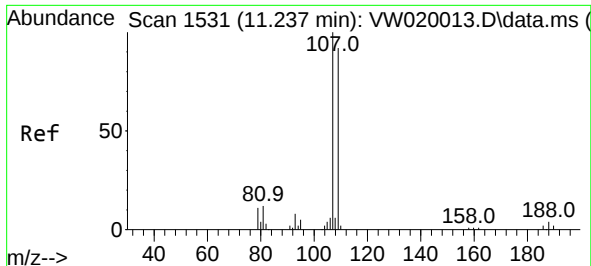
Tgt Ion:	43	Resp:	21976
Ion	Ratio	Lower	Upper
43	100		
58	52.2	42.7	64.1
57	18.4	15.8	23.8
100	11.8	10.0	15.0



#49
Dibromochloromethane
Concen: 5.113 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW020018.D
Acq: 14 Sep 2021 18:20

Tgt Ion:	129	Resp:	18102
Ion	Ratio	Lower	Upper
129	100		
127	75.5	51.7	95.9

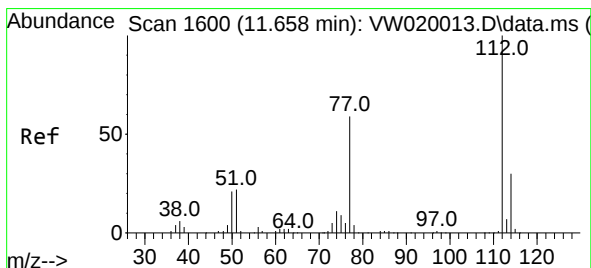
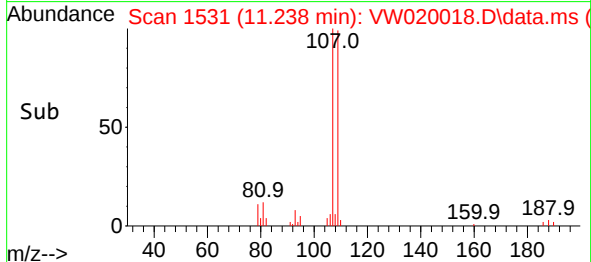
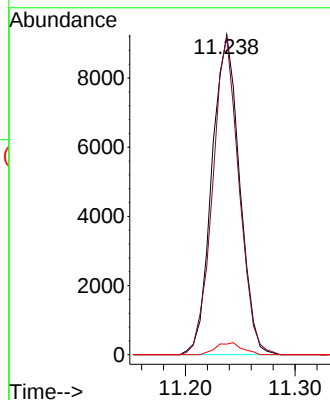
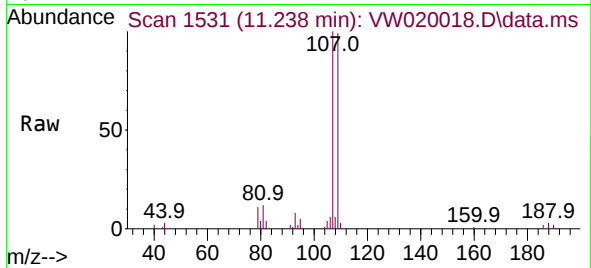




#50
1,2-Dibromoethane
Concen: 5.422 ug/L
RT: 11.238 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VW020018.D
Acq: 14 Sep 2021 18:20

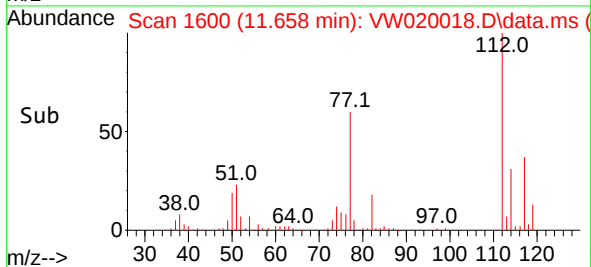
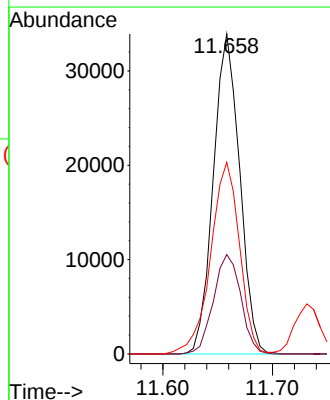
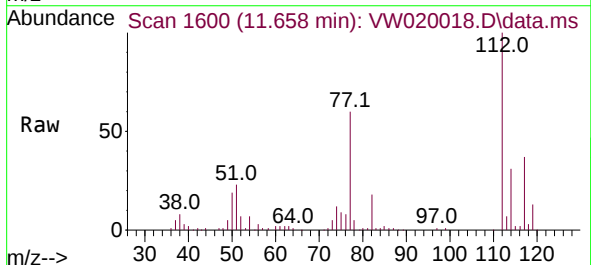
Instrument :
MSVOA_W
ClientSampleId :
VSTD005450

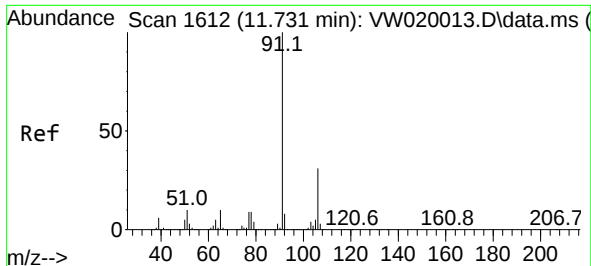
Tgt Ion:	107	Resp:	16202
Ion	Ratio	Lower	Upper
107	100		
109	99.1	65.4	121.4
188	3.3	2.6	4.0



#51
Chlorobenzene
Concen: 5.158 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW020018.D
Acq: 14 Sep 2021 18:20

Tgt Ion:	112	Resp:	56697
Ion	Ratio	Lower	Upper
112	100		
114	31.1	23.4	43.6
77	59.9	47.6	71.4

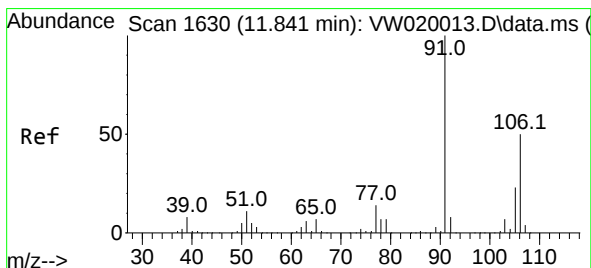
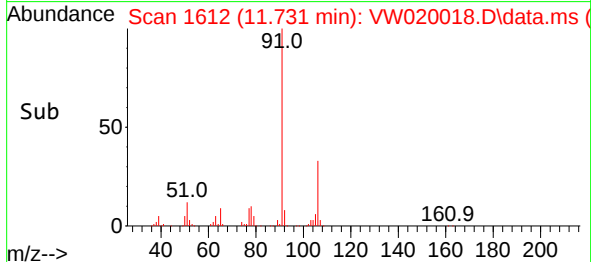
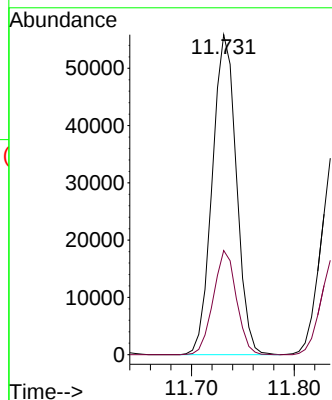
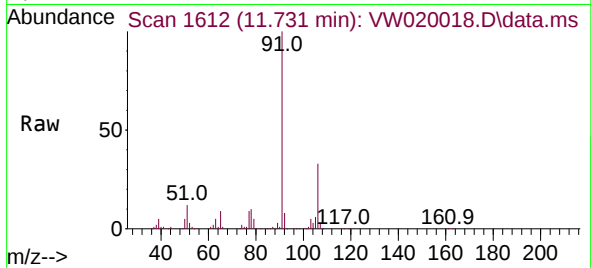




#52
Ethylbenzene
Concen: 4.933 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW020018.D
Acq: 14 Sep 2021 18:20

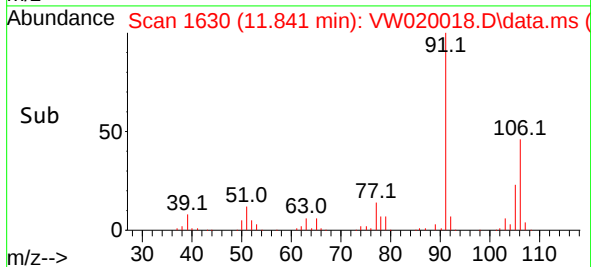
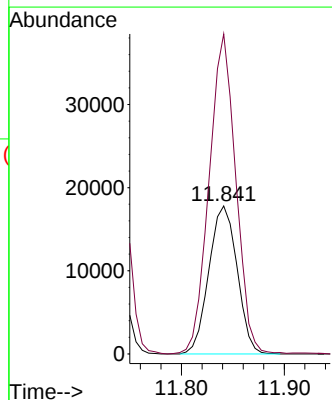
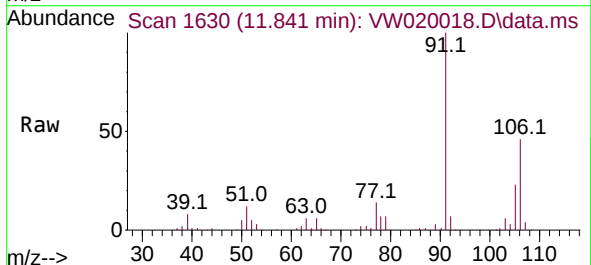
Instrument :
MSVOA_W
ClientSampleId :
VSTD005450

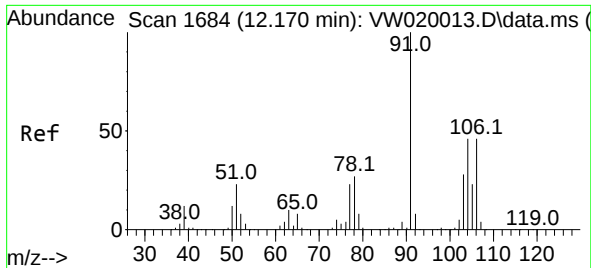
Tgt Ion: 91 Resp: 90941
Ion Ratio Lower Upper
91 100
106 32.5 22.5 41.7



#53
m,p-Xylene
Concen: 4.795 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW020018.D
Acq: 14 Sep 2021 18:20

Tgt Ion:106 Resp: 33947
Ion Ratio Lower Upper
106 100
91 216.3 141.3 262.3

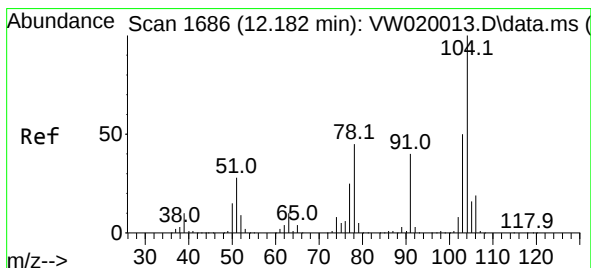
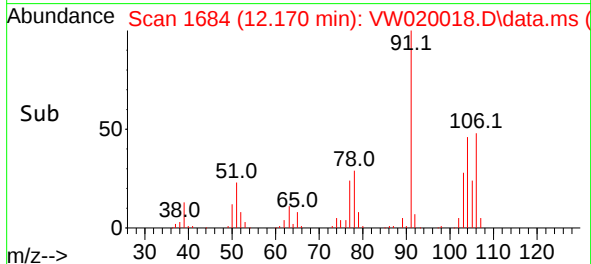
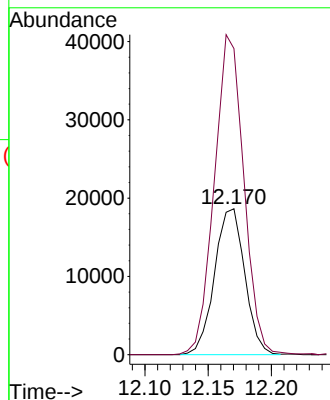
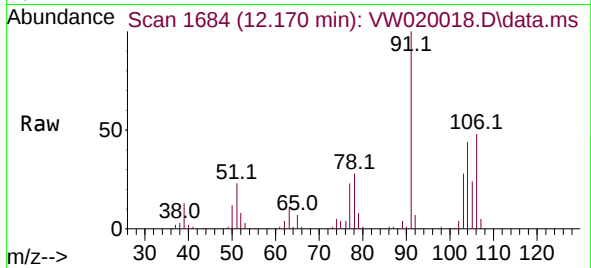




#54
o-Xylene
Concen: 4.683 ug/L
RT: 12.170 min Scan# 1684
Delta R.T. 0.000 min
Lab File: VW020018.D
Acq: 14 Sep 2021 18:20

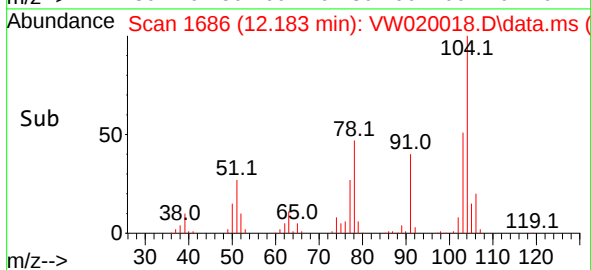
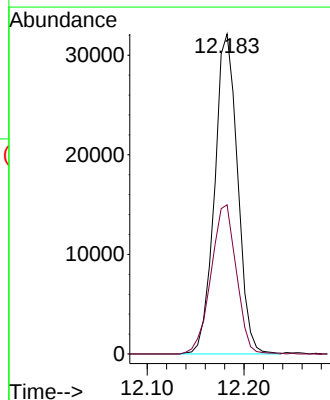
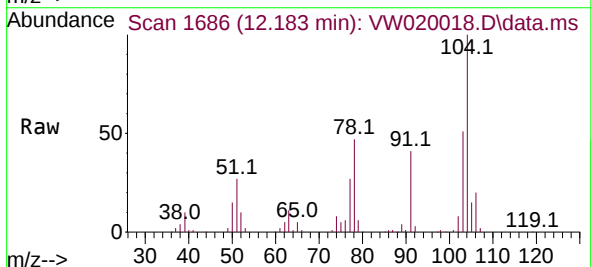
Instrument :
MSVOA_W
ClientSampleId :
VSTD005450

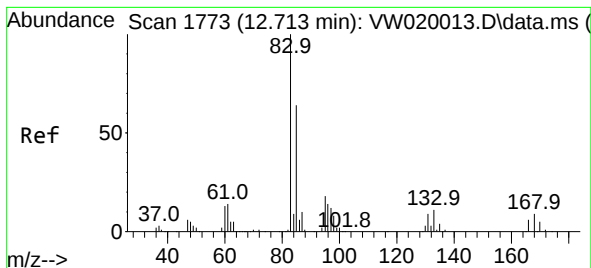
Tgt Ion:106 Resp: 31001
Ion Ratio Lower Upper
106 100
91 209.9 150.0 278.6



#55
Styrene
Concen: 4.648 ug/L
RT: 12.183 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW020018.D
Acq: 14 Sep 2021 18:20

Tgt Ion:104 Resp: 53032
Ion Ratio Lower Upper
104 100
78 46.6 32.5 60.3

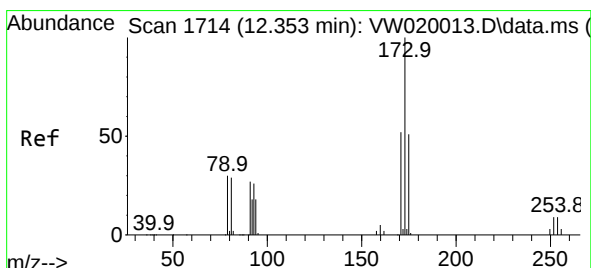
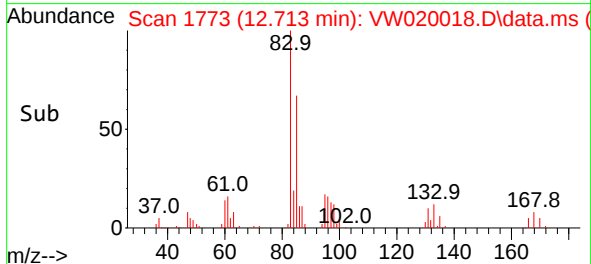
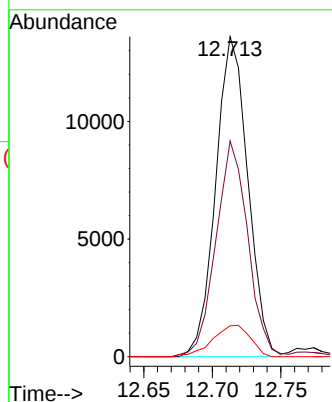
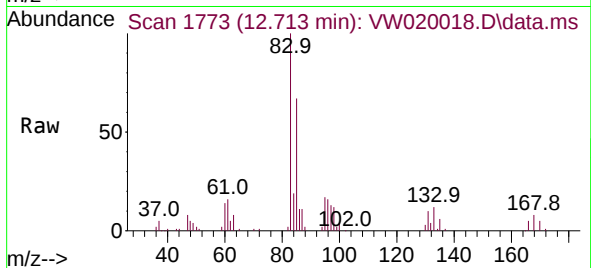




#57
1,1,2,2-Tetrachloroethane
Concen: 5.492 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW020018.D
Acq: 14 Sep 2021 18:20

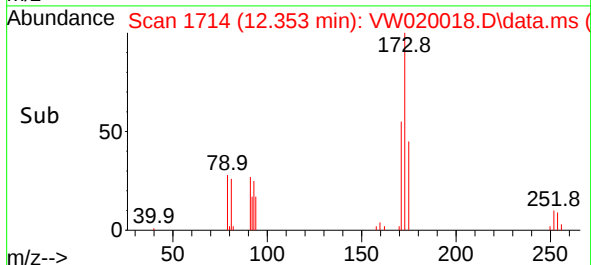
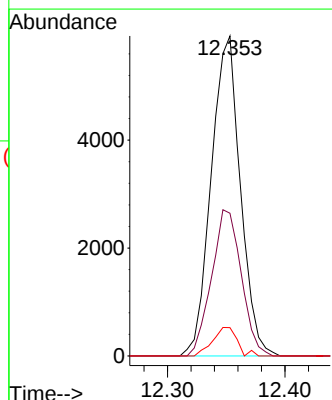
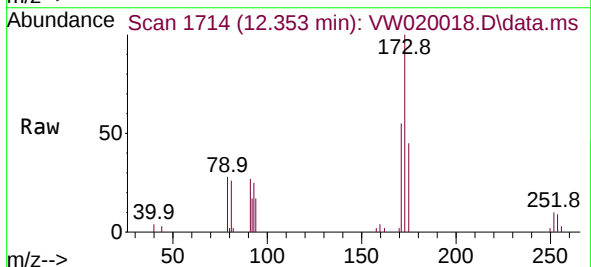
Instrument :
MSVOA_W
ClientSampleId :
VSTD005450

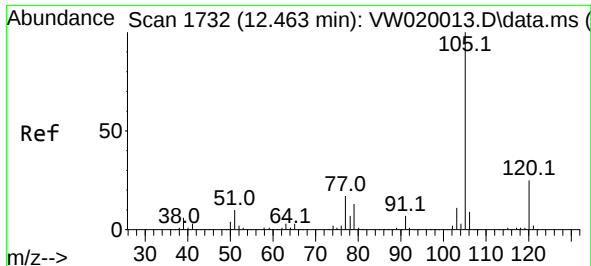
Tgt Ion:	83	Resp:	22177
Ion	Ratio	Lower	Upper
83	100		
85	67.4	44.4	82.4
131	9.6	8.2	12.4



#59
Bromoform
Concen: 5.057 ug/L
RT: 12.353 min Scan# 1714
Delta R.T. 0.000 min
Lab File: VW020018.D
Acq: 14 Sep 2021 18:20

Tgt Ion:	173	Resp:	10225
Ion	Ratio	Lower	Upper
173	100		
175	46.6	37.5	56.3
254	7.2	7.0	10.4

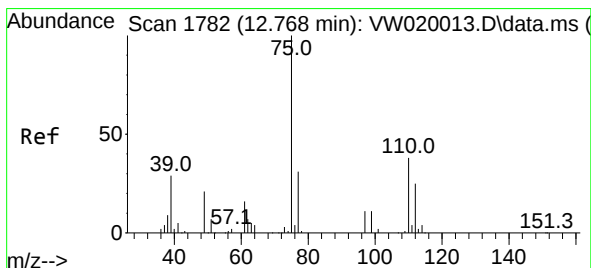
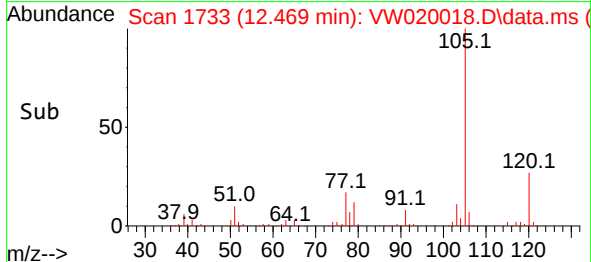
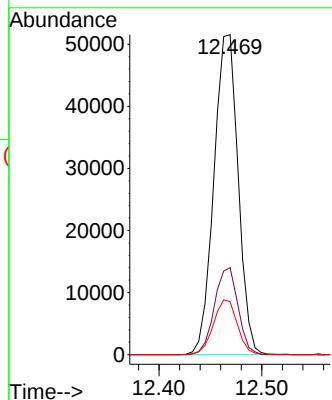
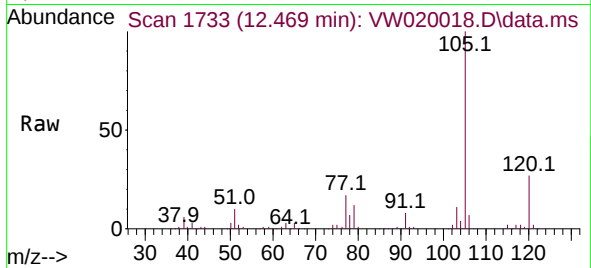




#60
Isopropylbenzene
Concen: 4.851 ug/L
RT: 12.469 min Scan# 1733
Delta R.T. 0.006 min
Lab File: VW020018.D
Acq: 14 Sep 2021 18:20

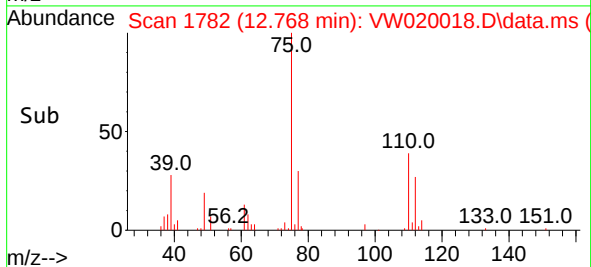
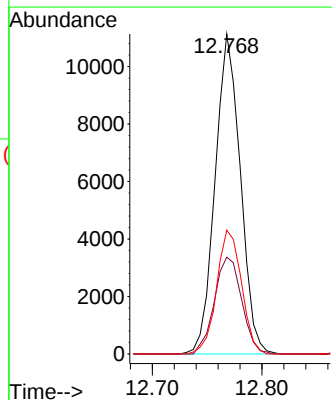
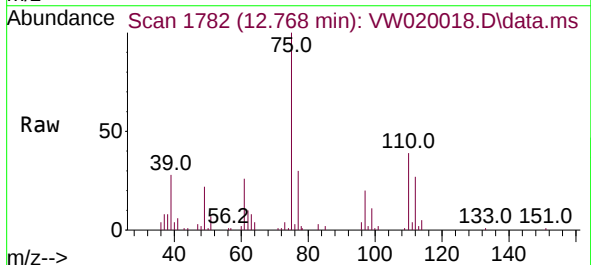
Instrument :
MSVOA_W
ClientSampleId :
VSTD005450

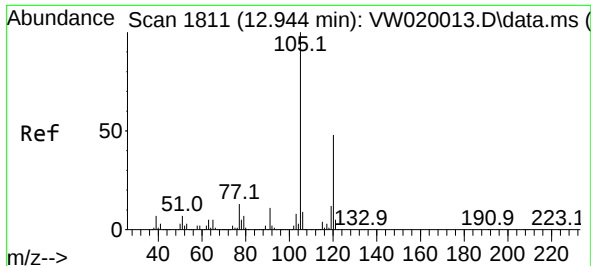
Tgt Ion:105 Resp: 84460
Ion Ratio Lower Upper
105 100
120 26.4 21.1 31.7
77 17.0 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 5.979 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW020018.D
Acq: 14 Sep 2021 18:20

Tgt Ion: 75 Resp: 17809
Ion Ratio Lower Upper
75 100
77 32.7 25.3 37.9
110 38.2 32.6 48.8

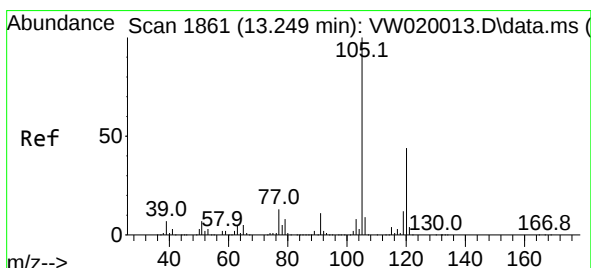
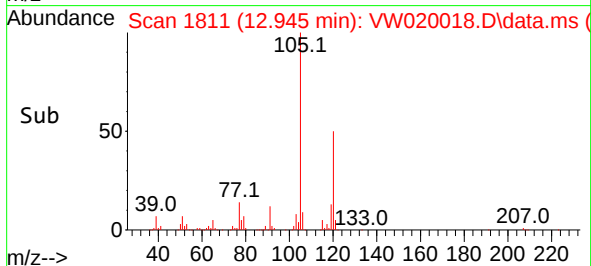
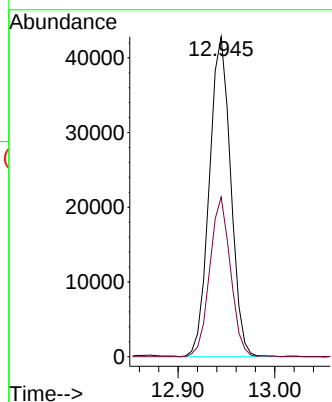
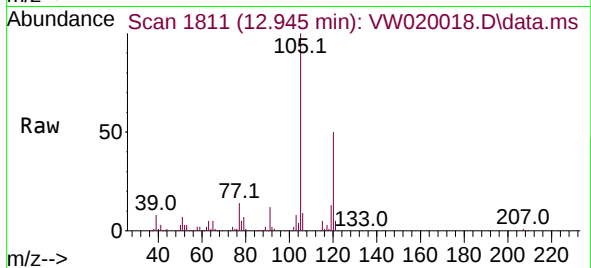




#62
1,3,5-Trimethylbenzene
Concen: 4.617 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW020018.D
Acq: 14 Sep 2021 18:20

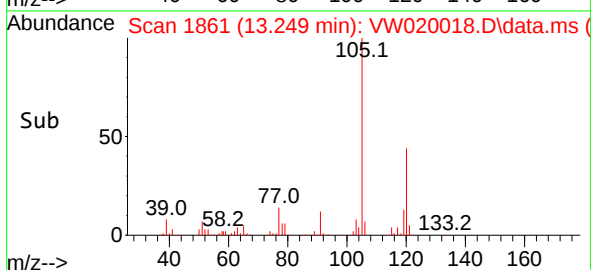
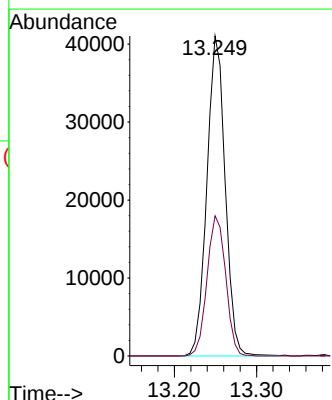
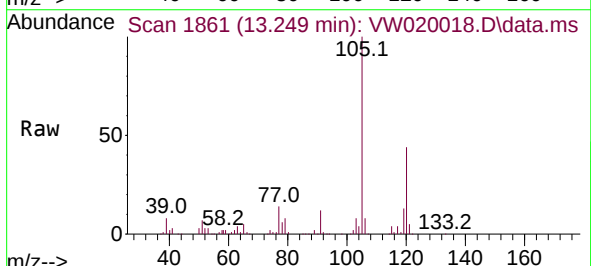
Instrument :
MSVOA_W
ClientSampleId :
VSTD005450

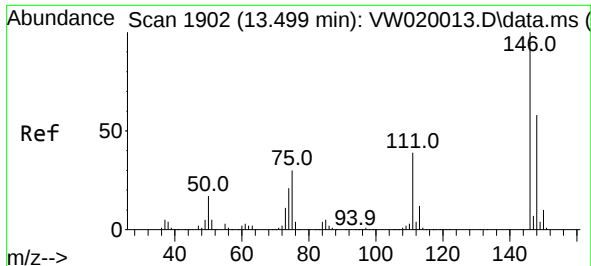
Tgt Ion:105 Resp: 65913
Ion Ratio Lower Upper
105 100
120 48.1 39.0 58.6



#63
1,2,4-Trimethylbenzene
Concen: 4.520 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW020018.D
Acq: 14 Sep 2021 18:20

Tgt Ion:105 Resp: 63424
Ion Ratio Lower Upper
105 100
120 44.6 35.6 53.4

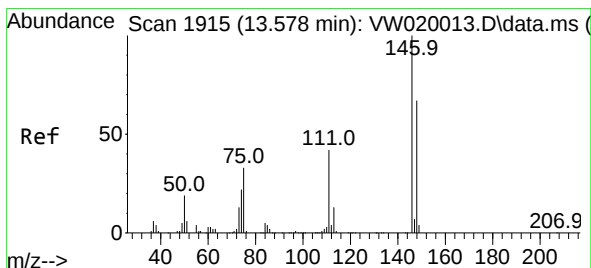
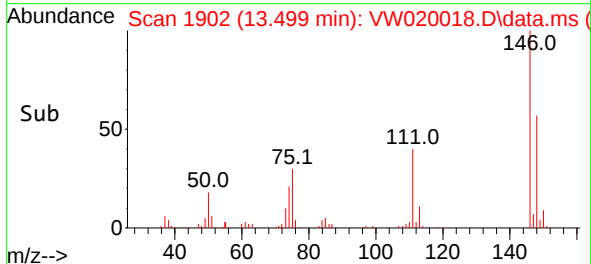
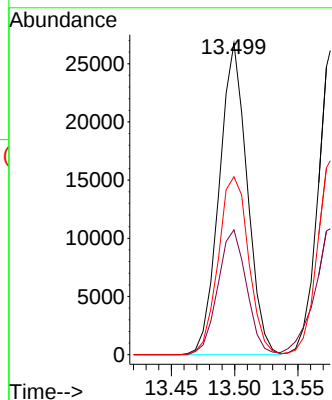
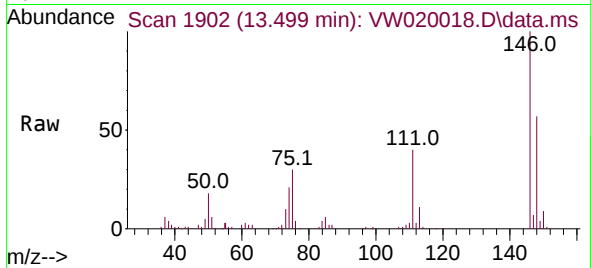




#64
1,3-Dichlorobenzene
Concen: 5.106 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW020018.D
Acq: 14 Sep 2021 18:20

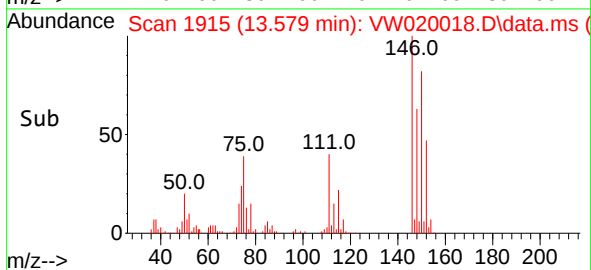
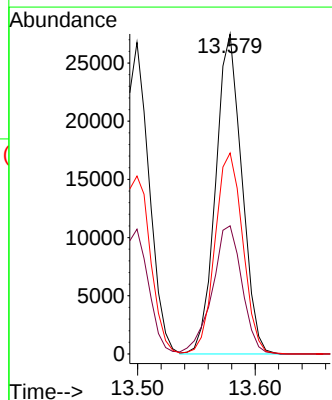
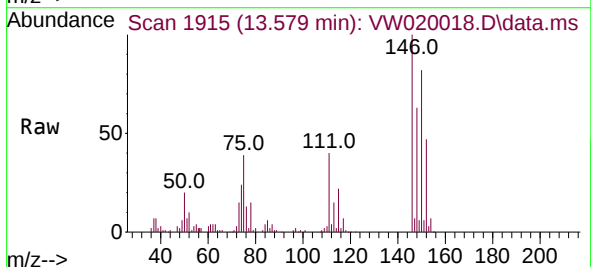
Instrument :
MSVOA_W
ClientSampleId :
VSTD005450

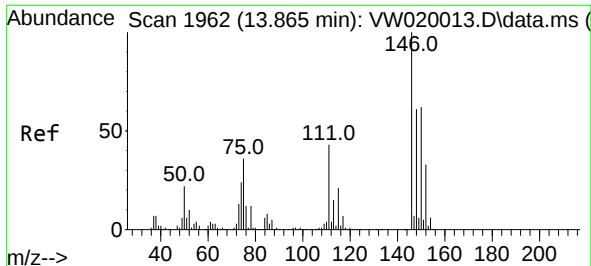
Tgt Ion:146 Resp: 41116
Ion Ratio Lower Upper
146 100
111 40.1 26.7 49.7
148 57.1 41.1 76.3



#65
1,4-Dichlorobenzene
Concen: 5.155 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW020018.D
Acq: 14 Sep 2021 18:20

Tgt Ion:146 Resp: 42586
Ion Ratio Lower Upper
146 100
111 40.1 28.8 53.4
148 62.8 46.8 87.0





#67

1,2-Dichlorobenzene

Concen: 5.320 ug/L

RT: 13.871 min Scan# 1963

Delta R.T. 0.006 min

Lab File: VW020018.D

Acq: 14 Sep 2021 18:20

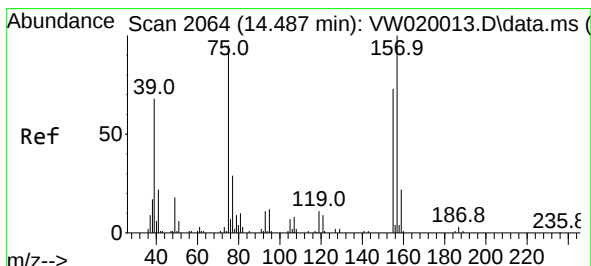
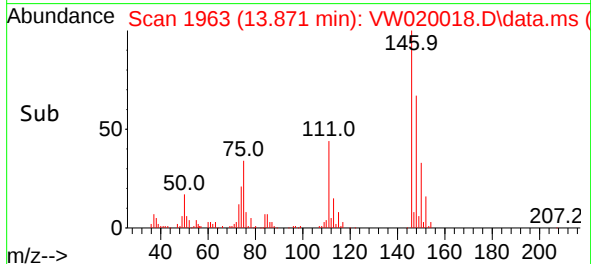
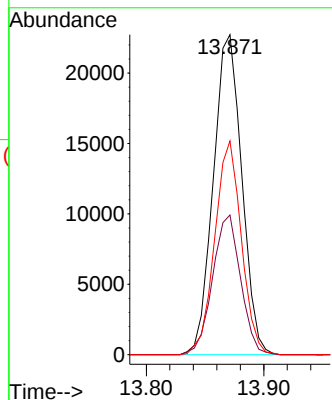
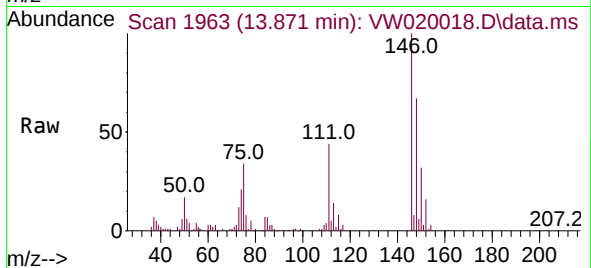
Tgt Ion:146 Resp: 38274

Ion Ratio Lower Upper

146 100

111 43.7 33.2 49.8

148 66.8 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 6.030 ug/L

RT: 14.487 min Scan# 2064

Delta R.T. 0.000 min

Lab File: VW020018.D

Acq: 14 Sep 2021 18:20

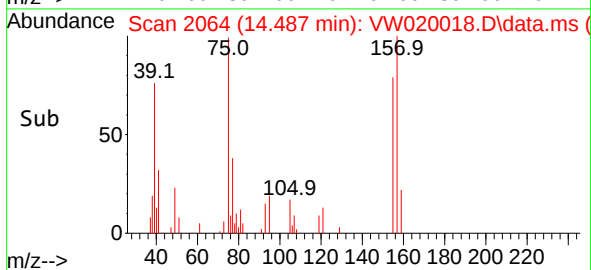
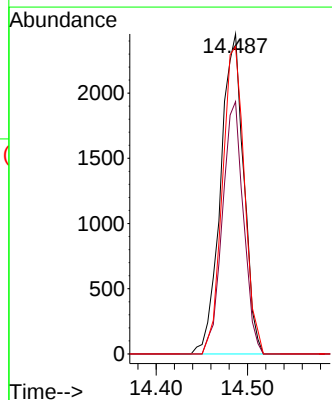
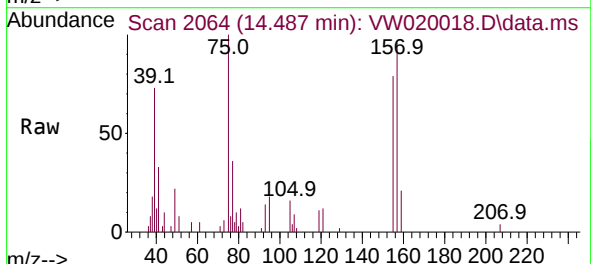
Tgt Ion: 75 Resp: 4305

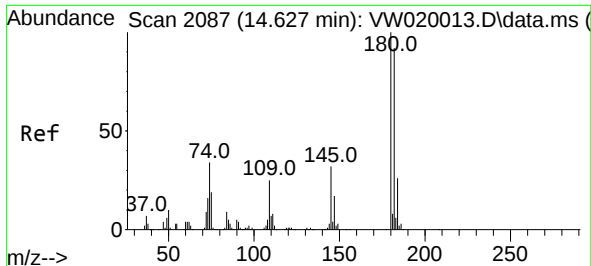
Ion Ratio Lower Upper

75 100

155 78.9 59.4 89.0

157 96.0 72.2 108.2

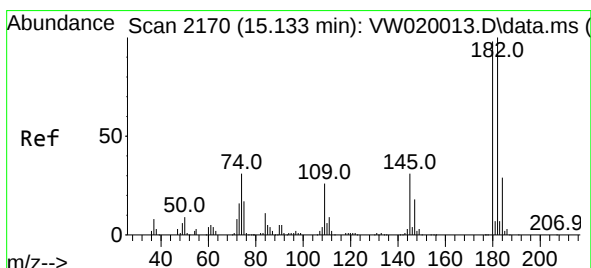
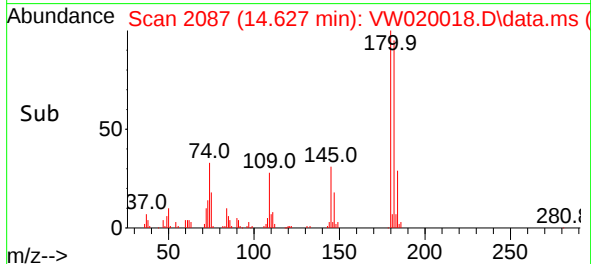
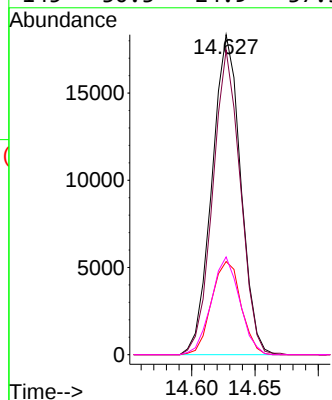
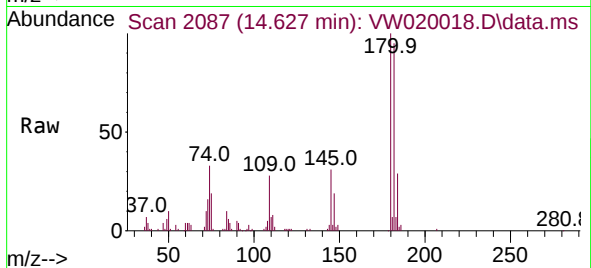




#69
1,3,5-Trichlorobenzene
Concen: 5.300 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW020018.D
Acq: 14 Sep 2021 18:20

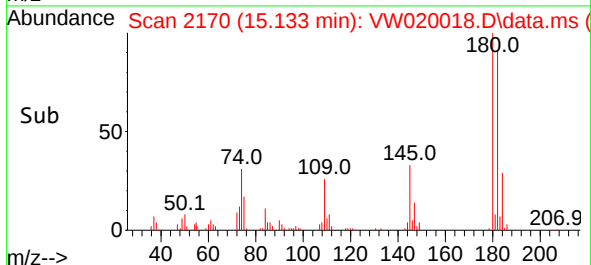
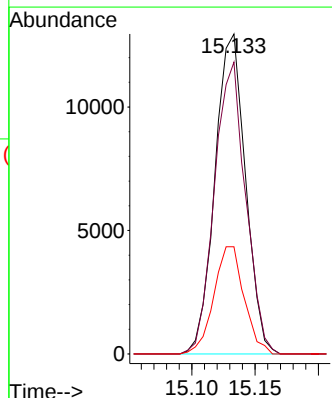
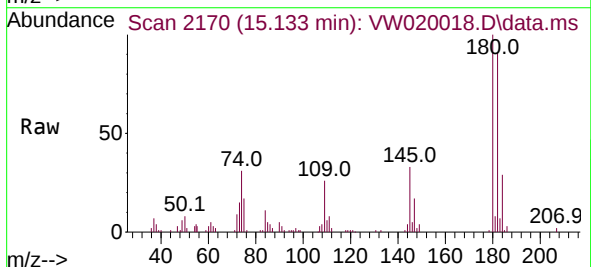
Instrument :
MSVOA_W
ClientSampleId :
VSTD005450

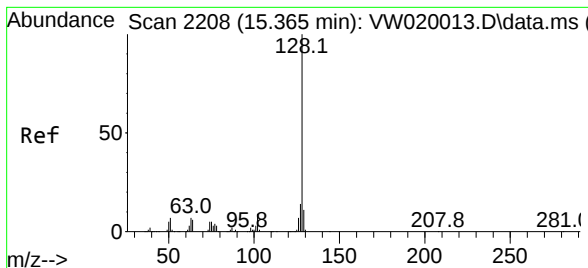
Tgt Ion:	180	Resp:	28939
Ion Ratio	Lower	Upper	
180	100		
182	91.3	73.4	110.2
184	29.8	23.6	35.4
145	30.3	24.9	37.3



#70
1,2,4-trichlorobenzene
Concen: 5.057 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VW020018.D
Acq: 14 Sep 2021 18:20

Tgt Ion:	180	Resp:	21809
Ion Ratio	Lower	Upper	
180	100		
182	92.6	74.7	112.1
145	33.2	25.0	37.4

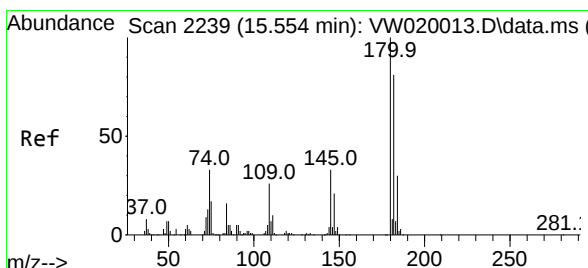
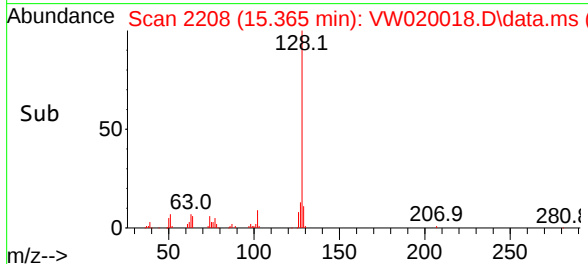
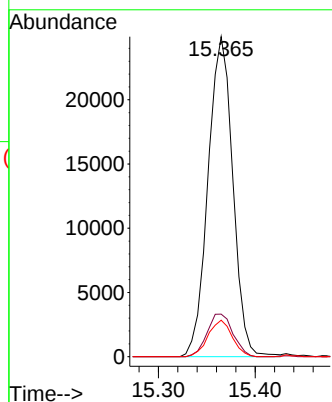
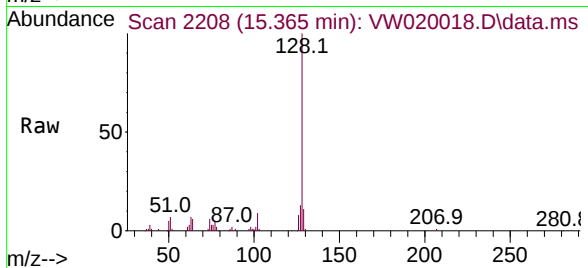




#71
Naphthalene
Concen: 4.941 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW020018.D
Acq: 14 Sep 2021 18:20

Instrument :
MSVOA_W
ClientSampleId :
VSTD005450

Tgt Ion:128 Resp: 44450
Ion Ratio Lower Upper
128 100
127 13.9 10.6 15.8
129 11.1 9.0 13.6



#72
1,2,3-Trichlorobenzene
Concen: 5.174 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW020018.D
Acq: 14 Sep 2021 18:20

Tgt Ion:180 Resp: 20870
Ion Ratio Lower Upper
180 100
182 95.4 76.7 115.1
145 35.3 28.9 43.3

