

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091421\
 Data File : VW020017.D
 Acq On : 14 Sep 2021 17:56
 Operator : SY/VA
 Sample : VSTD2.549
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5449

Quant Time: Sep 15 03:06:44 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	8.842	114	284922	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	274209	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	135376	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	10304	2.197	ug/L	0.00
7) Chloroethane-d5	2.891	69	9148	2.262	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.025	63	18661	2.460	ug/L	0.00
21) 2-Butanone-d5	7.098	46	6620	5.447	ug/L	0.02
24) Chloroform-d	7.653	84	19818	2.550	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.311	65	12010	2.634	ug/L	0.00
32) Benzene-d6	8.281	84	35303	2.366	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.274	67	11238	2.575	ug/L	0.00
41) Toluene-d8	10.329	98	31836	2.262	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.579	79	4612	2.268	ug/L	0.00
47) 2-Hexanone-d5	10.927	63	4243	4.907	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.695	84	11357	2.666	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.853	152	11591	2.588	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.014	85	7051	2.304	ug/L	95
3) Chloromethane	2.215	50	11686	3.001	ug/L	96
5) Vinyl chloride	2.367	62	17115	2.769	ug/L	96
6) Bromomethane	2.782	94	12487	2.894	ug/L	97
8) Chloroethane	2.928	64	9990	2.654	ug/L	95
9) Trichlorofluoromethane	3.263	101	8628	2.342	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	10718	2.622	ug/L #	83
12) 1,1-Dichloroethene	4.044	96	10040	2.623	ug/L	83
13) Acetone	4.141	43	9419	7.894	ug/L	74
14) Carbon disulfide	4.391	76	33103	2.609	ug/L	99
15) Methyl Acetate	4.678	43	6275	3.054	ug/L	95
16) Methylene chloride	4.928	84	18981	3.611	ug/L	98
17) trans-1,2-Dichloroethene	5.434	96	10469	2.609	ug/L	92
18) Methyl tert-butyl Ether	5.428	73	13031	2.643	ug/L #	80
19) 1,1-Dichloroethane	6.220	63	19658	2.751	ug/L	95
20) cis-1,2-Dichloroethene	7.171	96	10980	2.657	ug/L	94
22) 2-Butanone	7.183	43	10071	6.755	ug/L #	68
23) Bromochloromethane	7.525	128	5471	2.840	ug/L	87
25) Chloroform	7.677	83	21300	2.841	ug/L	95
27) 1,2-Dichloroethane	8.403	62	14873	2.858	ug/L	99
29) Cyclohexane	7.964	56	14106	2.319	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	17345	2.693	ug/L	98
31) Carbon tetrachloride	8.067	117	15607	2.562	ug/L	99
33) Benzene	8.330	78	43567	2.679	ug/L	100
34) Trichloroethene	9.092	95	11764	2.726	ug/L	90
35) Methylcyclohexane	9.342	83	17499	2.395	ug/L	95
37) 1,2-Dichloropropane	9.372	63	10685	2.682	ug/L	98
38) Bromodichloromethane	9.646	83	14211	2.621	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	13656	2.255	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	15330	5.617	ug/L	99
42) Toluene	10.390	91	42368	2.441	ug/L	100
44) trans-1,3-Dichloropropene	10.610	75	13379	2.370	ug/L	100

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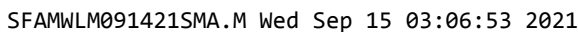
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD2.5449

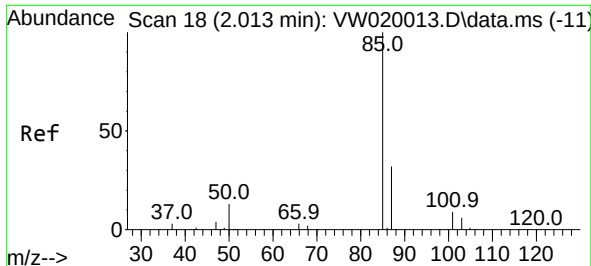
Quant Time: Sep 15 03:06:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Sep 15 03:02:18 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.786	97	8653	2.742	ug/L	93
46) Tetrachloroethene	10.866	164	9035	2.653	ug/L	91
48) 2-Hexanone	10.969	43	10190	5.257	ug/L	98
49) Dibromochloromethane	11.128	129	9434	2.586	ug/L	97
50) 1,2-Dibromoethane	11.238	107	8642	2.806	ug/L	90
51) Chlorobenzene	11.658	112	31371	2.769	ug/L	97
52) Ethylbenzene	11.731	91	46461	2.445	ug/L	92
53) m,p-Xylene	11.841	106	16046	2.199	ug/L	91
54) o-Xylene	12.170	106	15039	2.204	ug/L	92
55) Styrene	12.182	104	25091	2.134	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	11518	2.768	ug/L	97
59) Bromoform	12.353	173	5255	2.568	ug/L	99
60) Isopropylbenzene	12.463	105	40460	2.296	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	9279	3.078	ug/L	97
62) 1,3,5-Trimethylbenzene	12.945	105	30666	2.123	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	30132	2.122	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	21368	2.622	ug/L	99
65) 1,4-Dichlorobenzene	13.579	146	23229	2.779	ug/L	95
67) 1,2-Dichlorobenzene	13.871	146	20232	2.779	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.481	75	2219	3.072	ug/L	91
69) 1,3,5-Trichlorobenzene	14.627	180	14956	2.707	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	11178	2.561	ug/L	95
71) Naphthalene	15.365	128	22005	2.417	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	10389	2.545	ug/L	96

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

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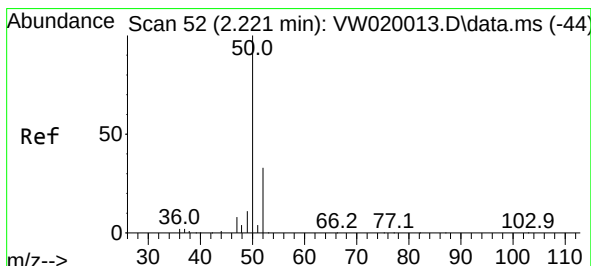
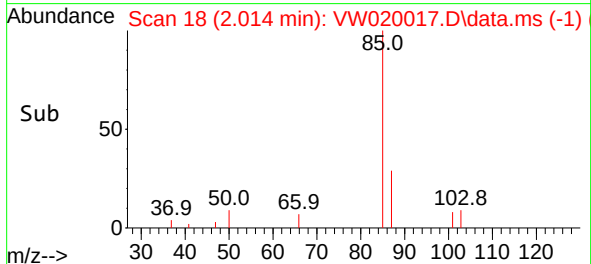
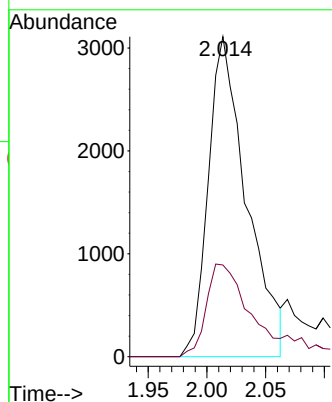
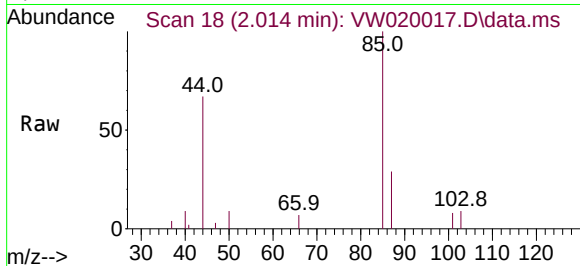




#2
Dichlorodifluoromethane
Concen: 2.304 ug/L
RT: 2.014 min Scan# 18
Delta R.T. 0.000 min
Lab File: VW020017.D
Acq: 14 Sep 2021 17:56

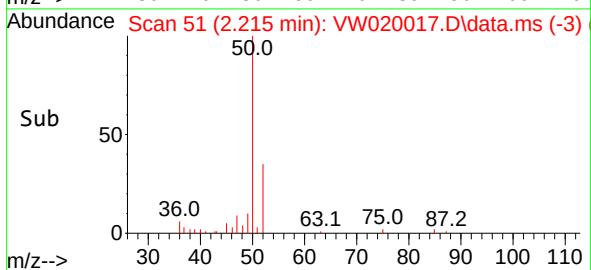
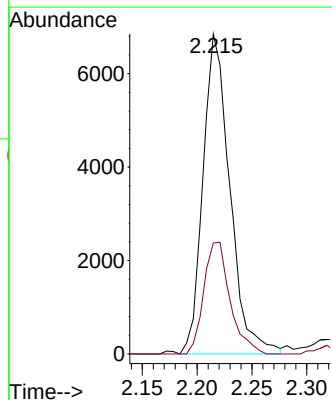
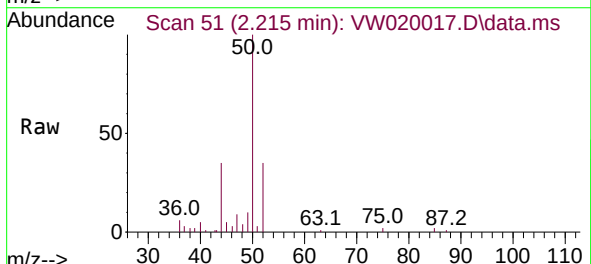
Instrument :
MSVOA_W
ClientSampled :
VSTD2.5449

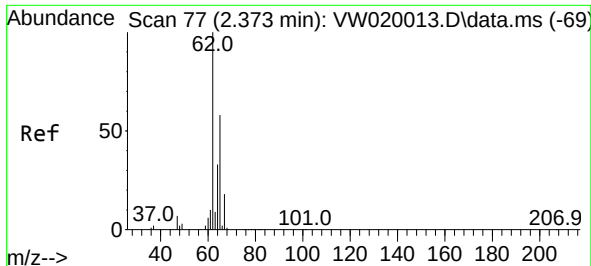
Tgt Ion: 85 Resp: 7051
Ion Ratio Lower Upper
85 100
87 31.8 23.3 34.9



#3
Chloromethane
Concen: 3.001 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW020017.D
Acq: 14 Sep 2021 17:56

Tgt Ion: 50 Resp: 11686
Ion Ratio Lower Upper
50 100
52 34.6 22.5 41.9

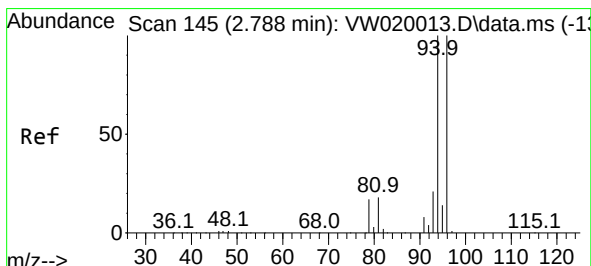
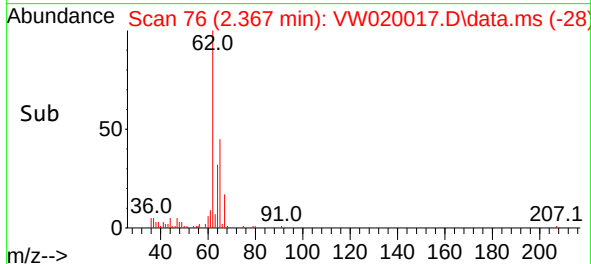
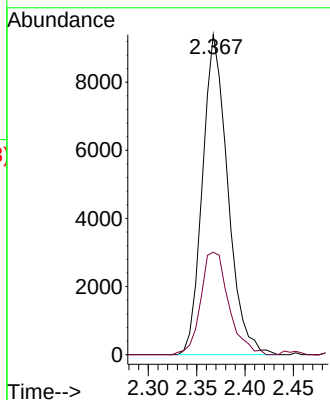
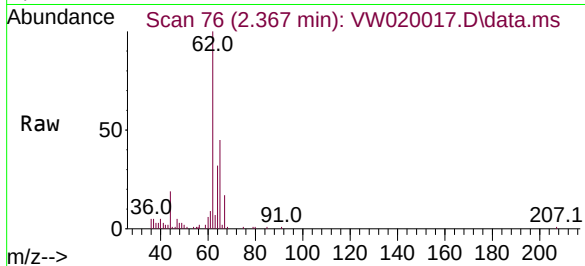




#5
 Vinyl chloride
 Concen: 2.769 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. -0.006 min
 Lab File: VW020017.D
 Acq: 14 Sep 2021 17:56

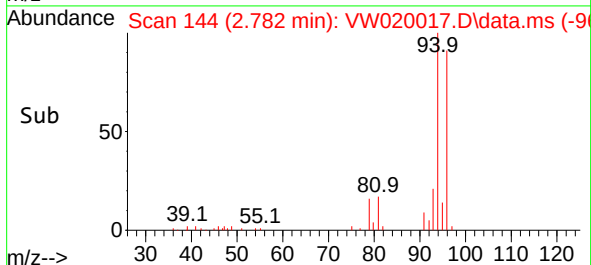
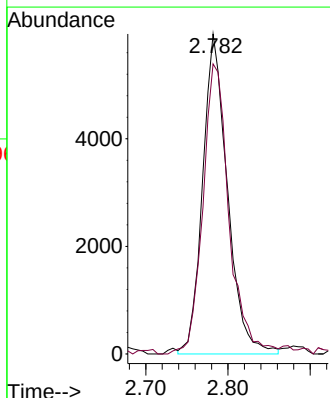
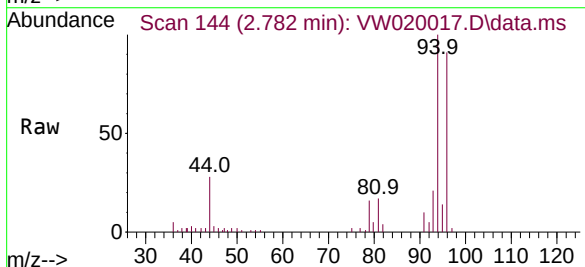
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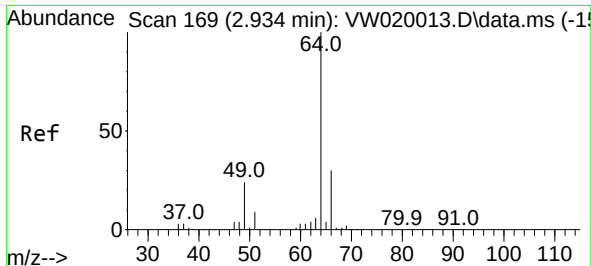
Tgt Ion: 62 Resp: 17115
 Ion Ratio Lower Upper
 62 100
 64 32.0 24.2 45.0



#6
 Bromomethane
 Concen: 2.894 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. -0.006 min
 Lab File: VW020017.D
 Acq: 14 Sep 2021 17:56

Tgt Ion: 94 Resp: 12487
 Ion Ratio Lower Upper
 94 100
 96 90.6 65.3 121.3

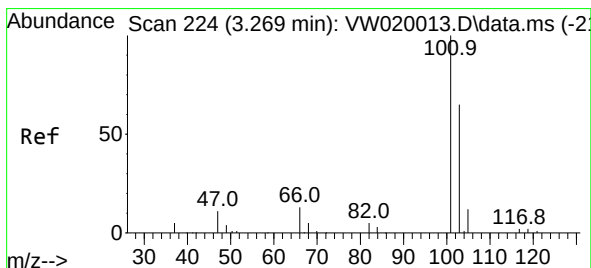
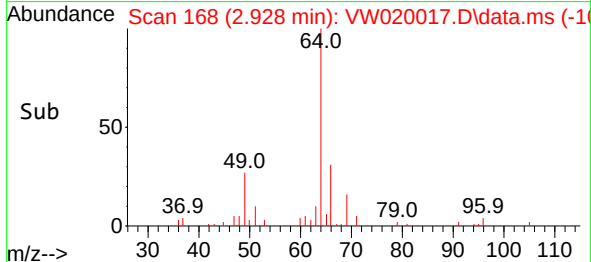
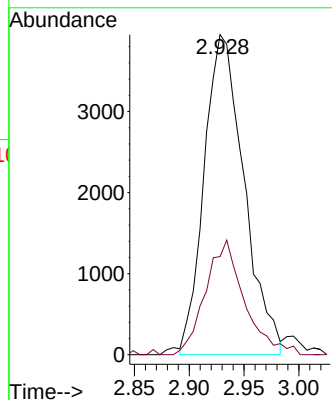
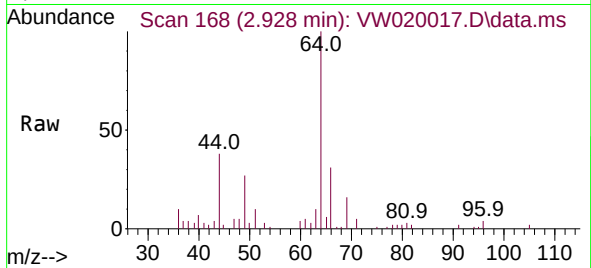




#8
Chloroethane
Concen: 2.654 ug/L
RT: 2.928 min Scan# 168
Delta R.T. -0.006 min
Lab File: VW020017.D
Acq: 14 Sep 2021 17:56

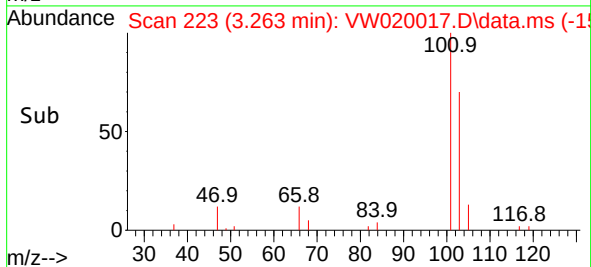
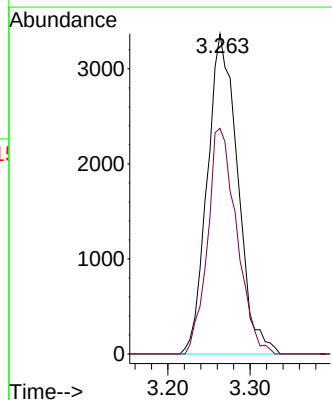
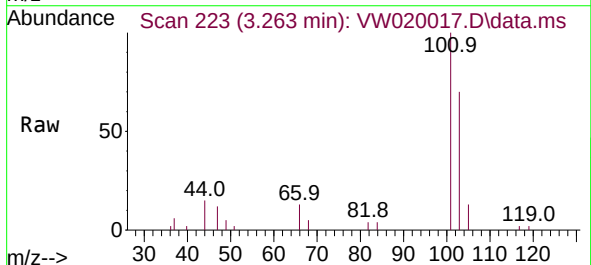
Instrument :
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ClientSampled :
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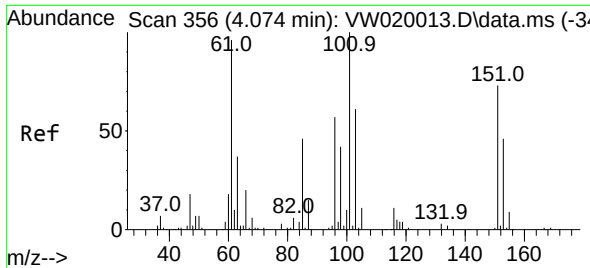
Tgt Ion: 64 Resp: 9990
Ion Ratio Lower Upper
64 100
66 30.7 23.4 43.6



#9
Trichlorofluoromethane
Concen: 2.342 ug/L
RT: 3.263 min Scan# 223
Delta R.T. -0.006 min
Lab File: VW020017.D
Acq: 14 Sep 2021 17:56

Tgt Ion: 101 Resp: 8628
Ion Ratio Lower Upper
101 100
103 67.8 51.0 76.4

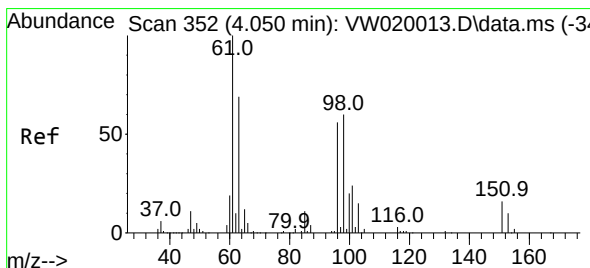
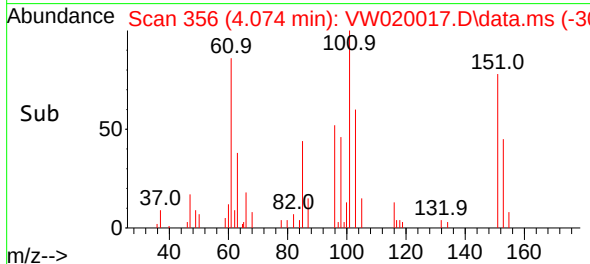
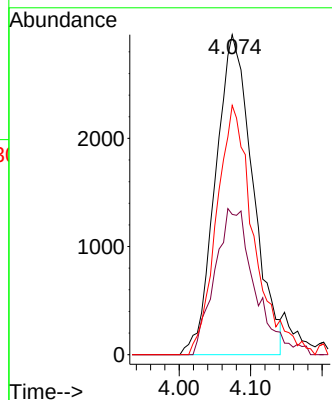
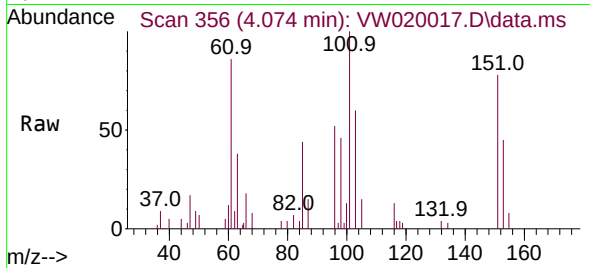




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.622 ug/L
 RT: 4.074 min Scan# 356
 Delta R.T. 0.000 min
 Lab File: VW020017.D
 Acq: 14 Sep 2021 17:56

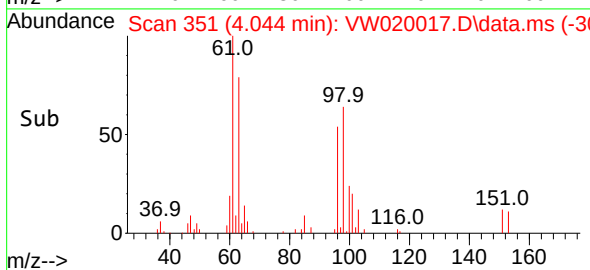
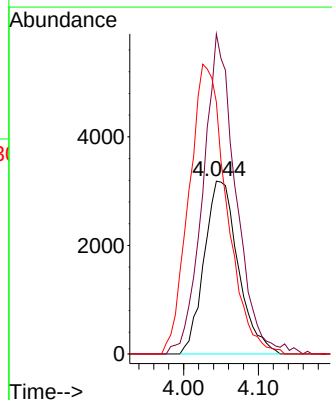
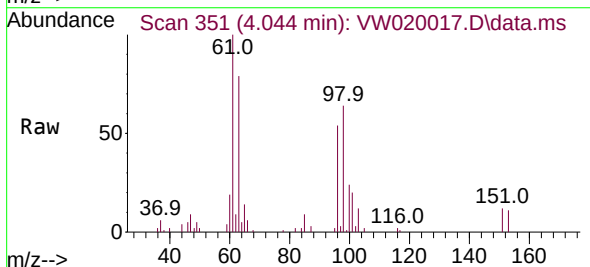
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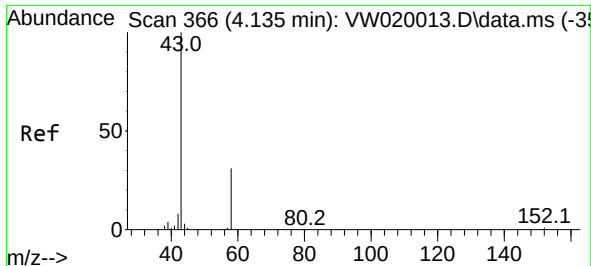
Tgt Ion:101 Resp: 10718
 Ion Ratio Lower Upper
 101 100
 85 27.7 38.2 57.2#
 151 77.8 56.6 85.0



#12
 1,1-Dichloroethene
 Concen: 2.623 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. -0.006 min
 Lab File: VW020017.D
 Acq: 14 Sep 2021 17:56

Tgt Ion: 96 Resp: 10040
 Ion Ratio Lower Upper
 96 100
 61 185.1 118.1 219.3
 63 145.7 83.7 155.5

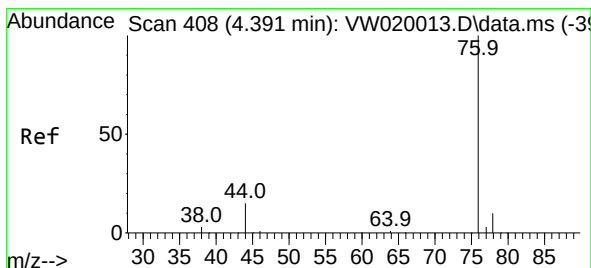
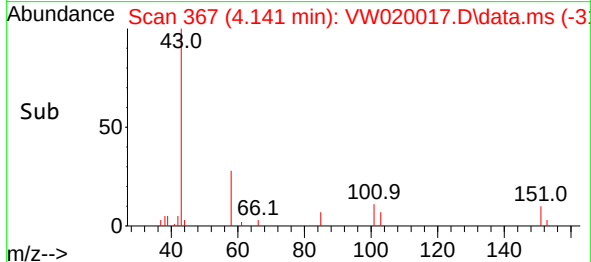
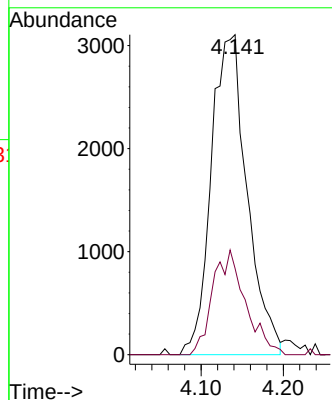
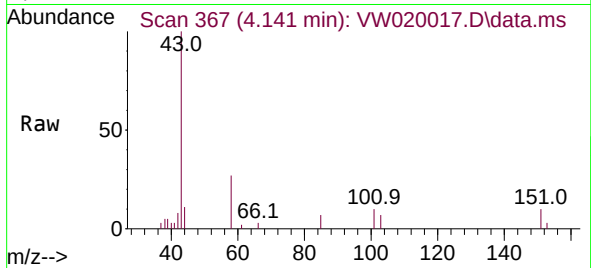




#13
Acetone
Concen: 7.894 ug/L
RT: 4.141 min Scan# 367
Delta R.T. 0.006 min
Lab File: VW020017.D
Acq: 14 Sep 2021 17:56

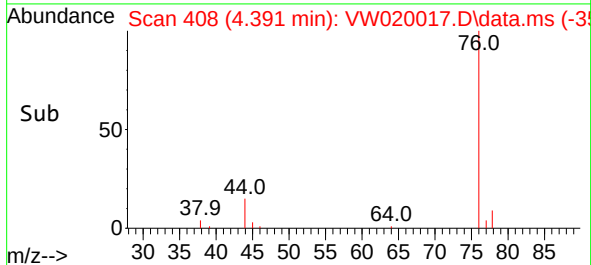
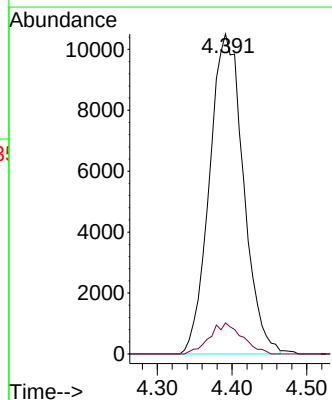
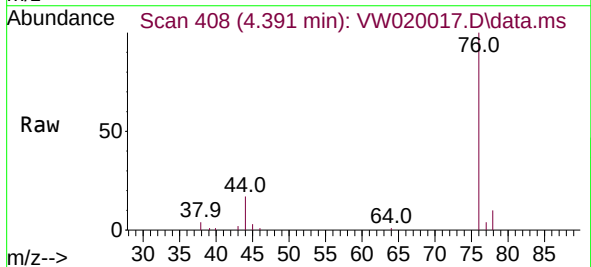
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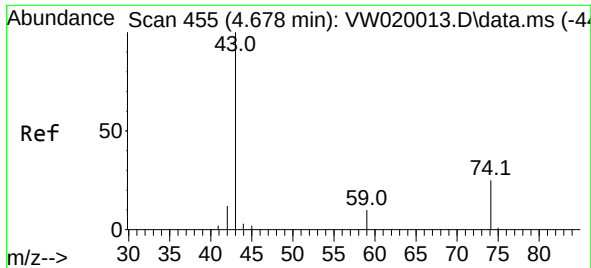
Tgt Ion: 43 Resp: 9419
Ion Ratio Lower Upper
43 100
58 13.3 0.0 53.8



#14
Carbon disulfide
Concen: 2.609 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.000 min
Lab File: VW020017.D
Acq: 14 Sep 2021 17:56

Tgt Ion: 76 Resp: 33103
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.0

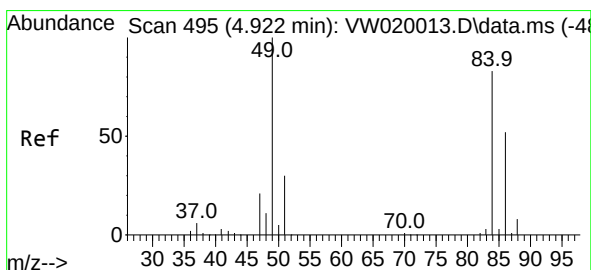
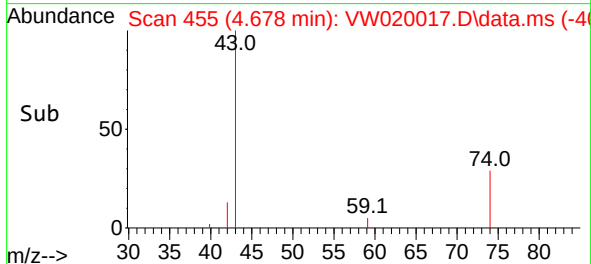
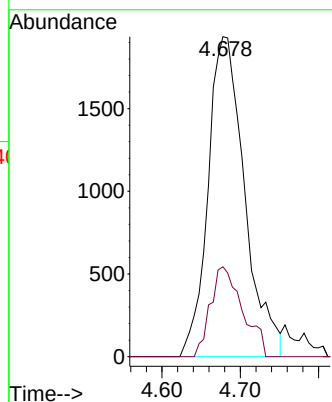
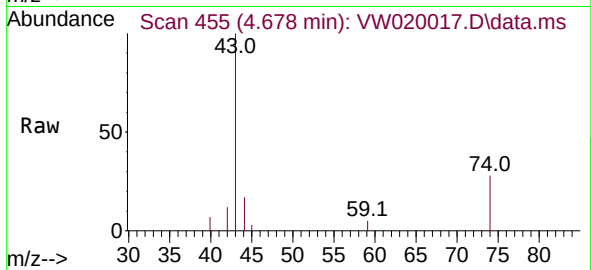




#15
Methyl Acetate
Concen: 3.054 ug/L
RT: 4.678 min Scan# 455
Delta R.T. 0.000 min
Lab File: VW020017.D
Acq: 14 Sep 2021 17:56

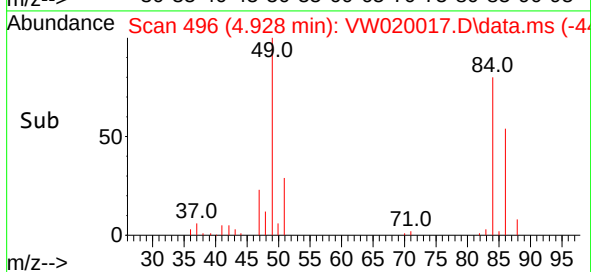
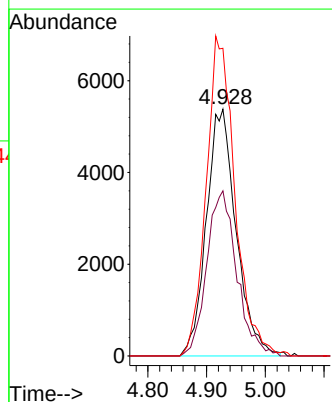
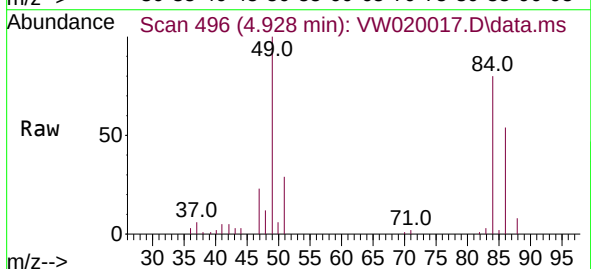
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ClientSampleId :
VSTD2.5449

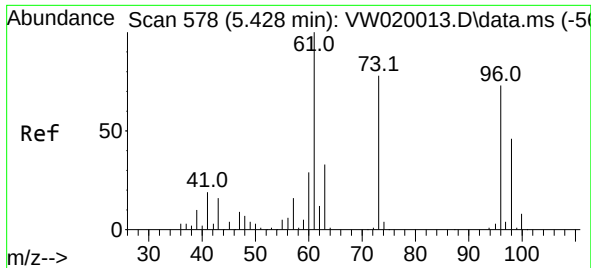
Tgt Ion: 43 Resp: 6275
Ion Ratio Lower Upper
43 100
74 22.6 20.0 30.0



#16
Methylene chloride
Concen: 3.611 ug/L
RT: 4.928 min Scan# 496
Delta R.T. 0.006 min
Lab File: VW020017.D
Acq: 14 Sep 2021 17:56

Tgt Ion: 84 Resp: 18981
Ion Ratio Lower Upper
84 100
86 66.9 45.3 84.1
49 124.7 86.6 160.8

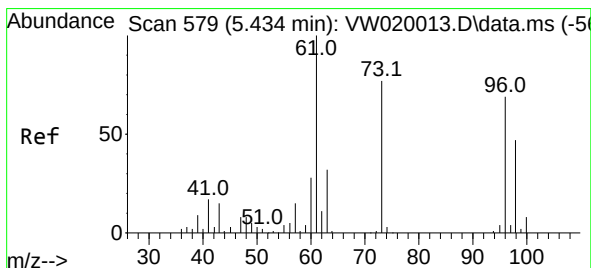
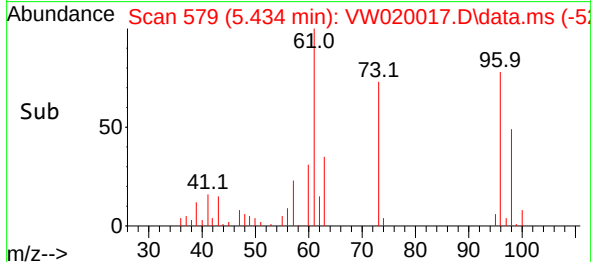
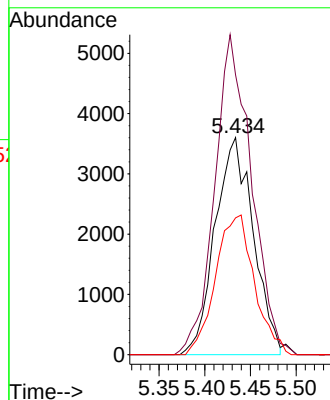
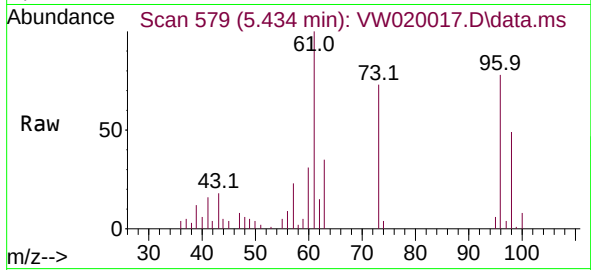




#17
trans-1,2-Dichloroethene
Concen: 2.609 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW020017.D
Acq: 14 Sep 2021 17:56

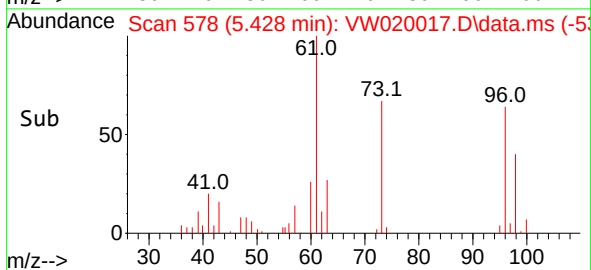
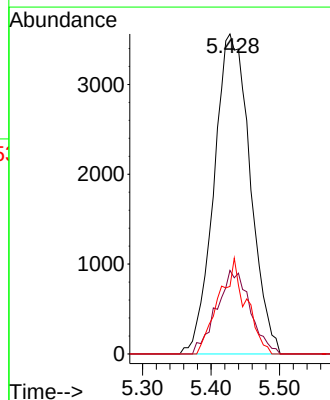
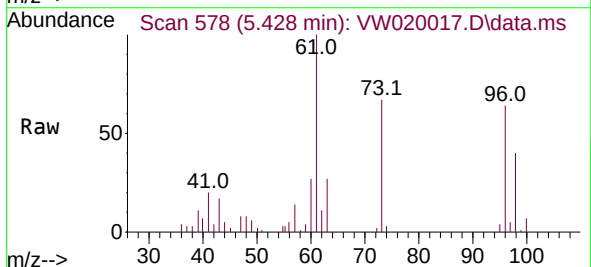
Instrument :
MSVOA_W
ClientSampled :
VSTD2.5449

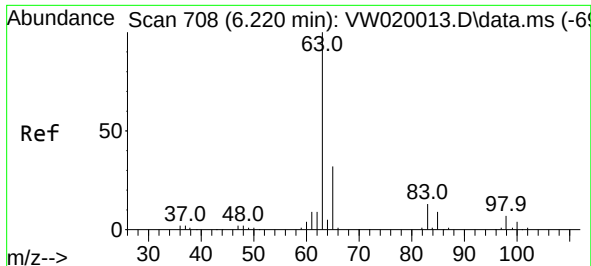
Tgt Ion: 96 Resp: 10469
Ion Ratio Lower Upper
96 100
61 128.8 98.3 182.7
98 63.0 46.1 85.7



#18
Methyl tert-butyl Ether
Concen: 2.643 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.006 min
Lab File: VW020017.D
Acq: 14 Sep 2021 17:56

Tgt Ion: 73 Resp: 13031
Ion Ratio Lower Upper
73 100
43 24.2 17.7 26.5
57 3.9 17.0 25.4#





#19

1,1-Dichloroethane

Concen: 2.751 ug/L

RT: 6.220 min Scan# 708

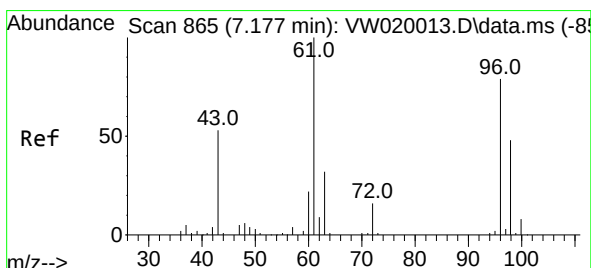
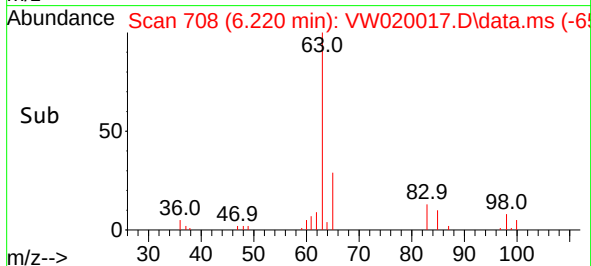
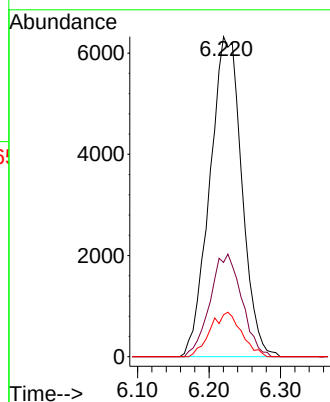
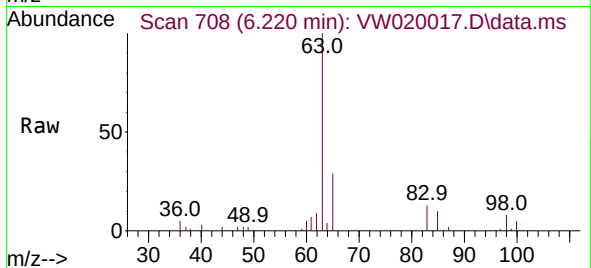
Delta R.T. 0.000 min

Lab File: VW020017.D

Acq: 14 Sep 2021 17:56

Tgt Ion:	63	Resp:	19658
Ion	Ratio	Lower	Upper
63	100		
65	29.4	22.9	42.5
83	13.1	10.2	19.0

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5449



#20

cis-1,2-Dichloroethene

Concen: 2.657 ug/L

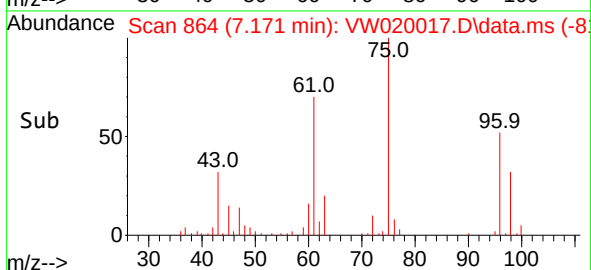
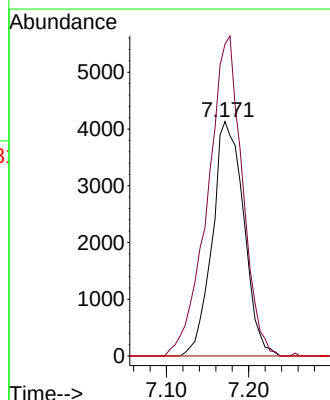
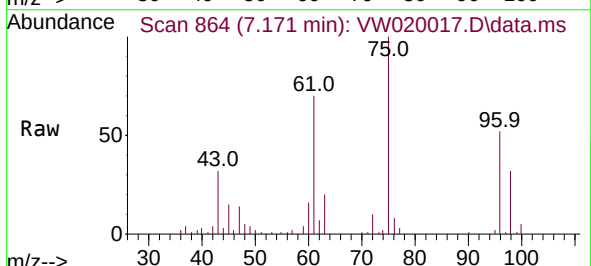
RT: 7.171 min Scan# 864

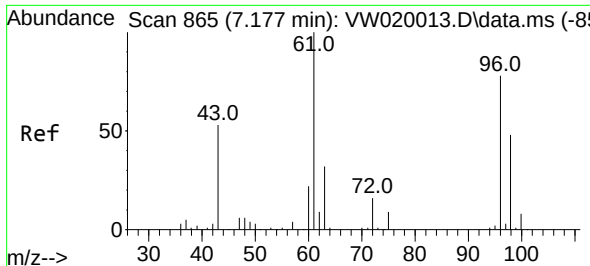
Delta R.T. -0.006 min

Lab File: VW020017.D

Acq: 14 Sep 2021 17:56

Tgt Ion:	96	Resp:	10980
Ion	Ratio	Lower	Upper
96	100		
61	133.0	88.5	164.3
68	0.0	0.0	0.0

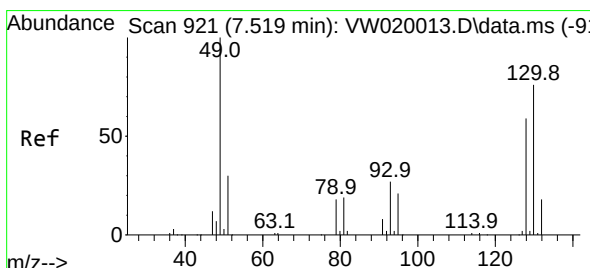
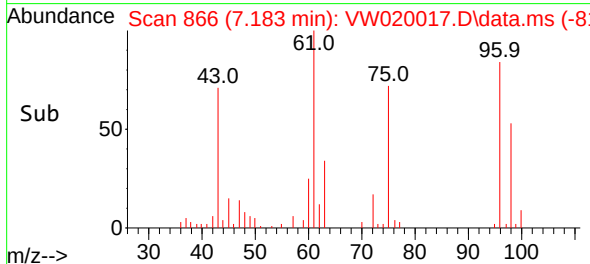
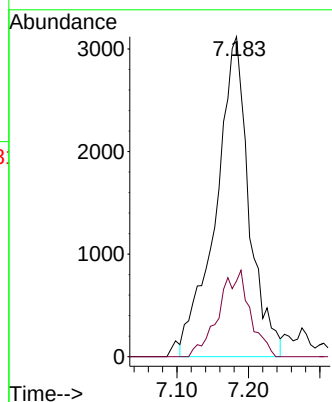
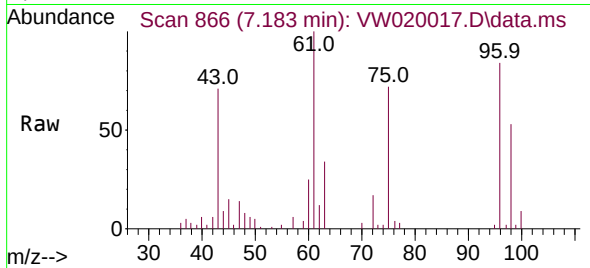




#22
2-Butanone
Concen: 6.755 ug/L
RT: 7.183 min Scan# 866
Delta R.T. 0.006 min
Lab File: VW020017.D
Acq: 14 Sep 2021 17:56

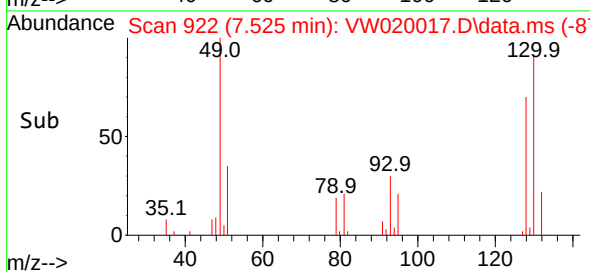
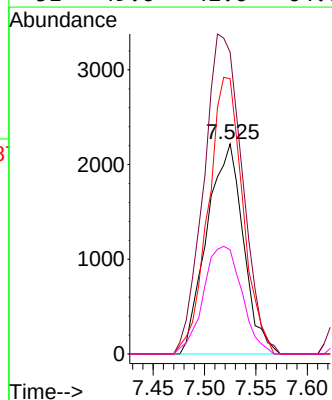
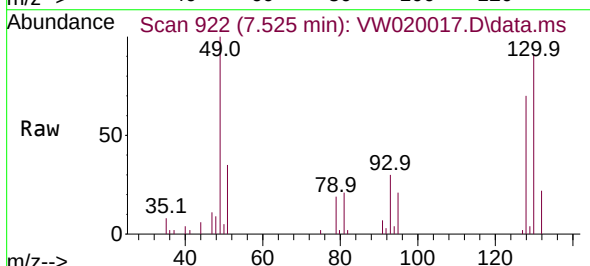
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5449

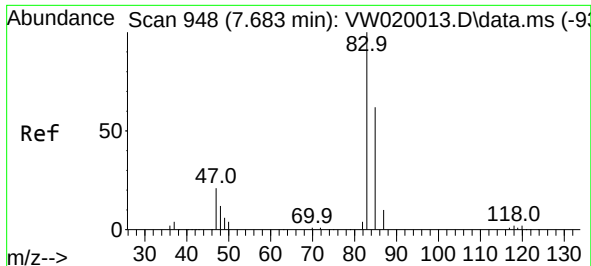
Tgt Ion: 43 Resp: 10071
Ion Ratio Lower Upper
43 100
72 12.6 14.9 44.7#



#23
Bromochloromethane
Concen: 2.840 ug/L
RT: 7.525 min Scan# 922
Delta R.T. 0.006 min
Lab File: VW020017.D
Acq: 14 Sep 2021 17:56

Tgt Ion: 128 Resp: 5471
Ion Ratio Lower Upper
128 100
49 143.6 116.3 215.9
130 131.0 82.4 153.0
51 49.6 42.6 64.0

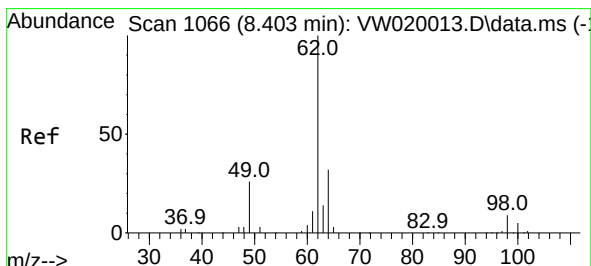
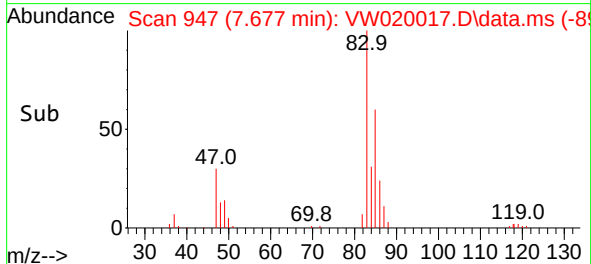
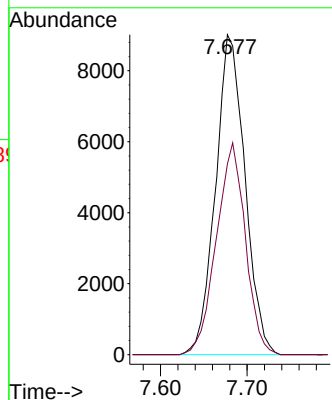
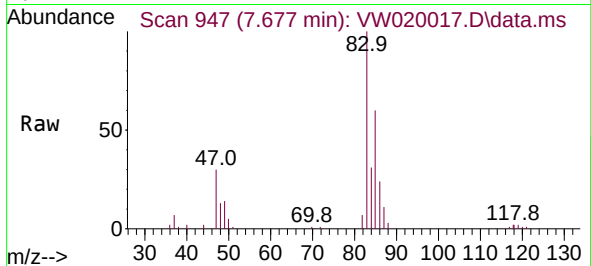




#25
Chloroform
Concen: 2.841 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.006 min
Lab File: VW020017.D
Acq: 14 Sep 2021 17:56

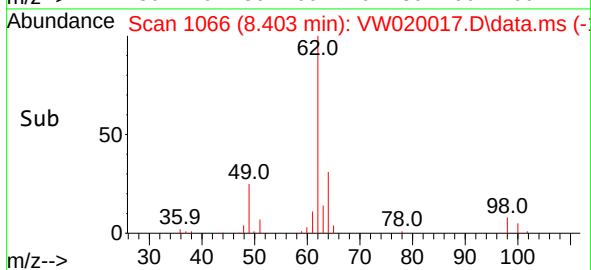
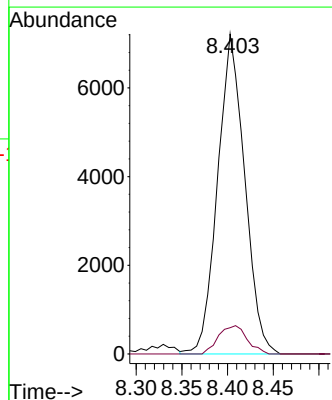
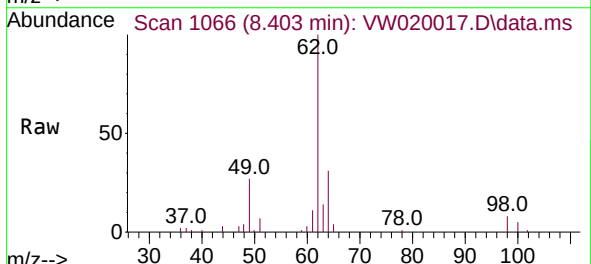
Instrument :
MSVOA_W
ClientSampled :
VSTD2.5449

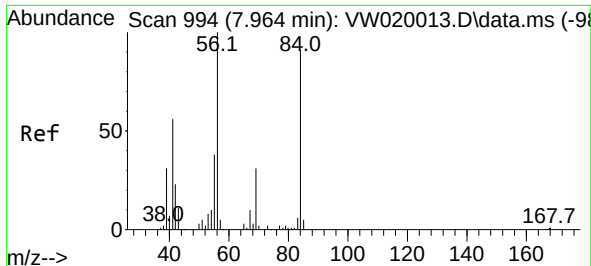
Tgt Ion: 83 Resp: 21300
Ion Ratio Lower Upper
83 100
85 59.5 44.6 82.8



#27
1,2-Dichloroethane
Concen: 2.858 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW020017.D
Acq: 14 Sep 2021 17:56

Tgt Ion: 62 Resp: 14873
Ion Ratio Lower Upper
62 100
98 8.2 6.9 10.3

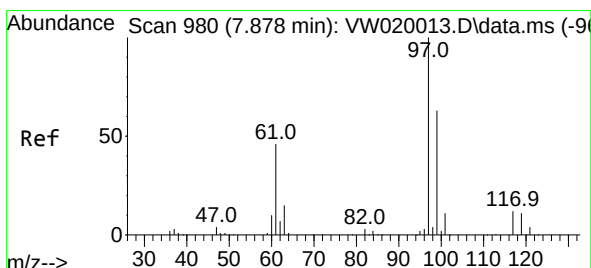
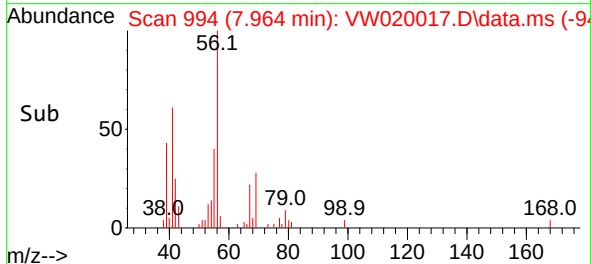
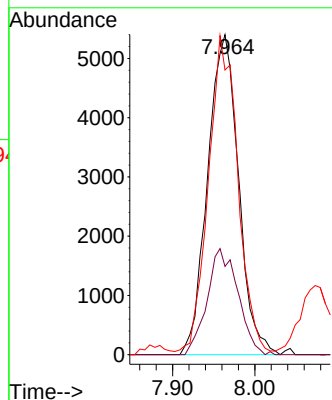
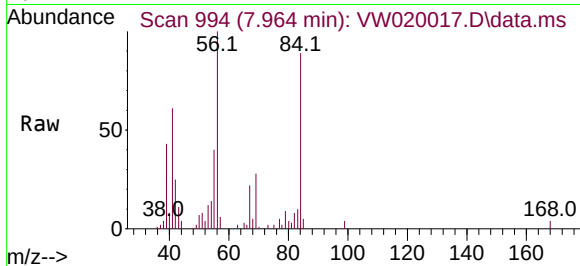




#29
Cyclohexane
Concen: 2.319 ug/L
RT: 7.964 min Scan# 994
Delta R.T. 0.000 min
Lab File: VW020017.D
Acq: 14 Sep 2021 17:56

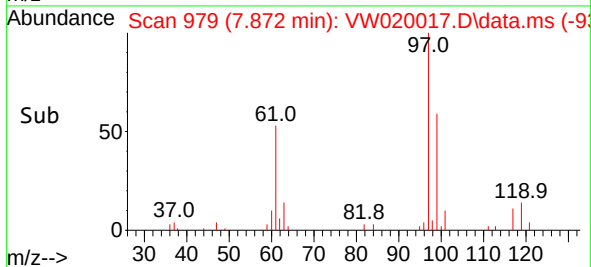
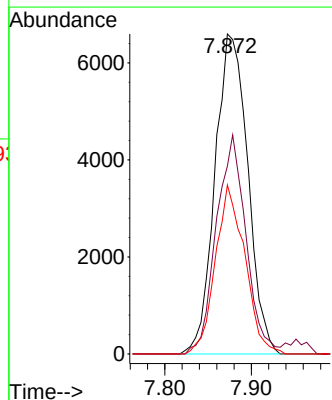
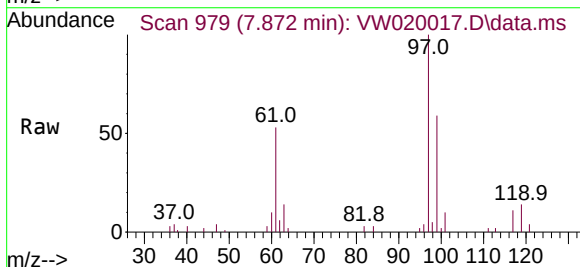
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5449

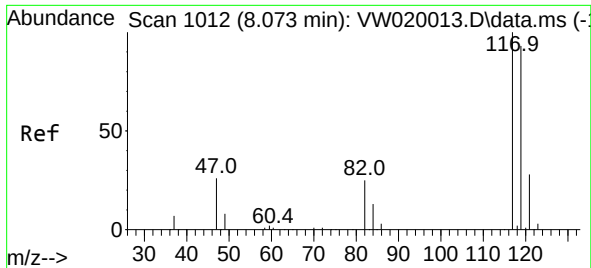
Tgt Ion:	56	Resp:	14106
Ion Ratio	Lower	Upper	
56	100		
69	33.0	24.5	36.7
84	95.8	75.0	112.4



#30
1,1,1-Trichloroethane
Concen: 2.693 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.006 min
Lab File: VW020017.D
Acq: 14 Sep 2021 17:56

Tgt Ion:	97	Resp:	17345
Ion Ratio	Lower	Upper	
97	100		
99	62.0	51.4	77.2
61	47.5	37.8	56.6

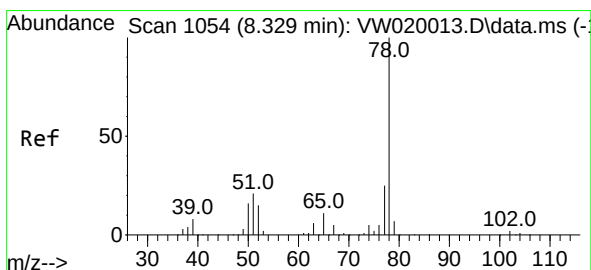
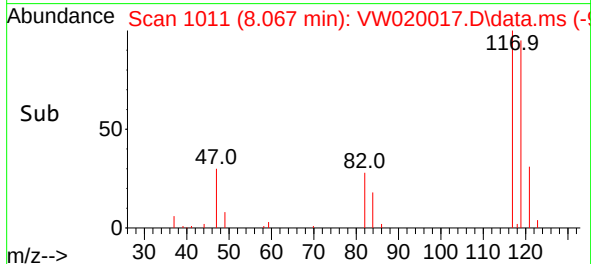
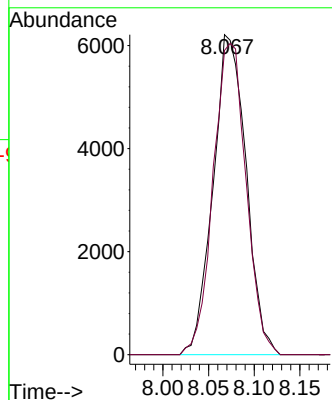
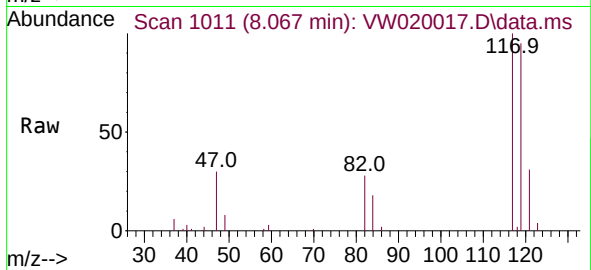




#31
Carbon tetrachloride
Concen: 2.562 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.006 min
Lab File: VW020017.D
Acq: 14 Sep 2021 17:56

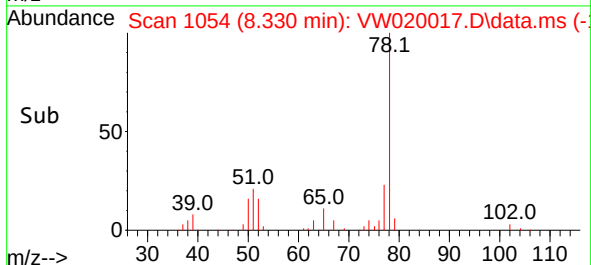
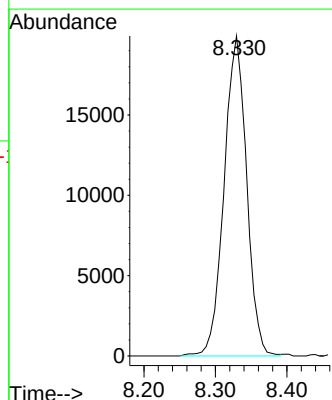
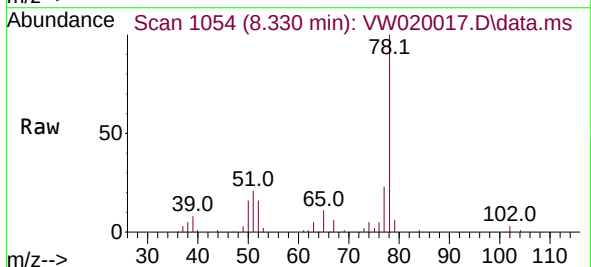
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5449

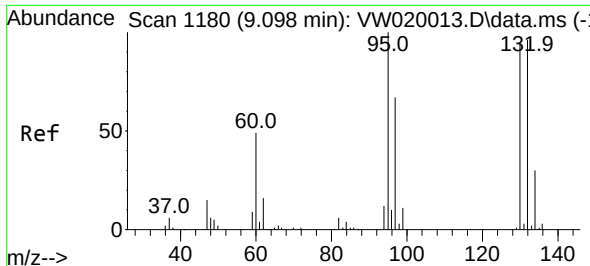
Tgt Ion:117 Resp: 15607
Ion Ratio Lower Upper
117 100
119 97.0 76.5 114.7



#33
Benzene
Concen: 2.679 ug/L
RT: 8.330 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VW020017.D
Acq: 14 Sep 2021 17:56

Tgt Ion: 78 Resp: 43567



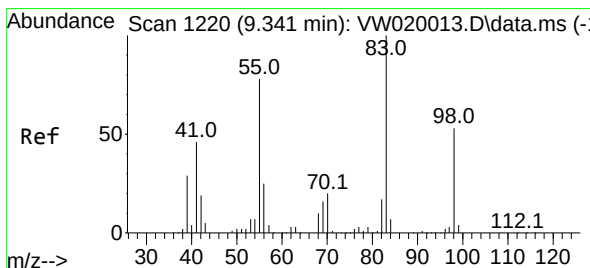
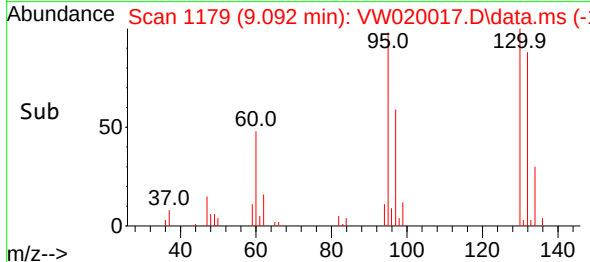
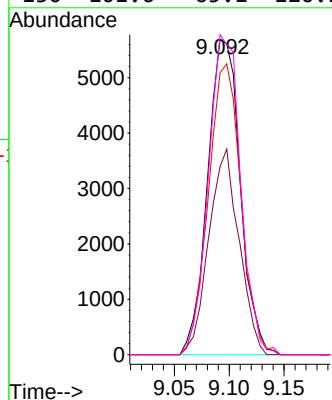
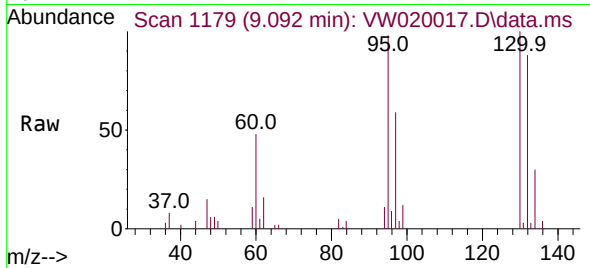


#34
Trichloroethene
Concen: 2.726 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VW020017.D
Acq: 14 Sep 2021 17:56

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5449

Tgt Ion: 95 Resp: 11764

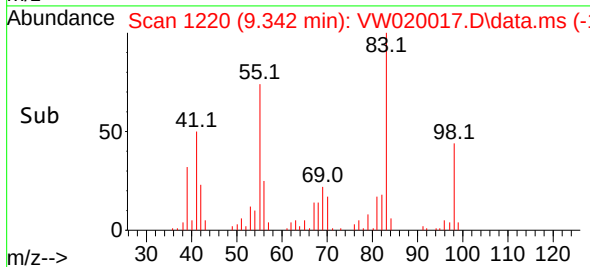
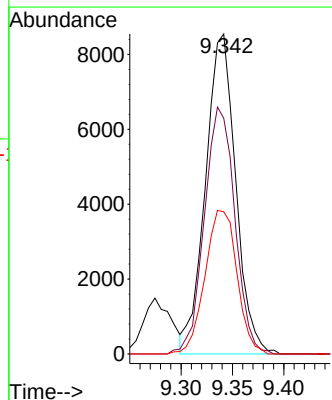
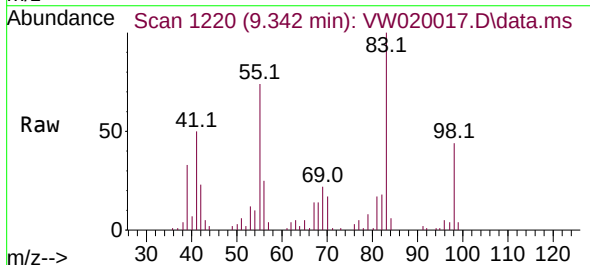
Ion	Ratio	Lower	Upper
95	100		
97	59.7	47.3	87.8
132	89.4	71.0	131.8
130	101.6	65.1	120.9

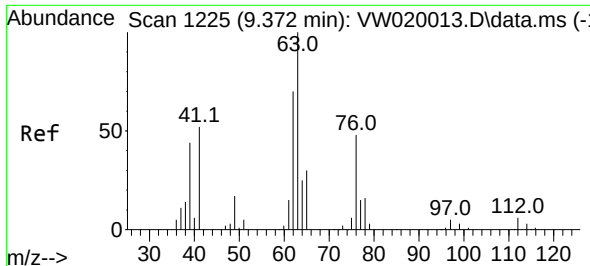


#35
Methylcyclohexane
Concen: 2.395 ug/L
RT: 9.342 min Scan# 1220
Delta R.T. 0.000 min
Lab File: VW020017.D
Acq: 14 Sep 2021 17:56

Tgt Ion: 83 Resp: 17499

Ion	Ratio	Lower	Upper
83	100		
55	77.9	58.9	88.3
98	47.4	40.1	60.1

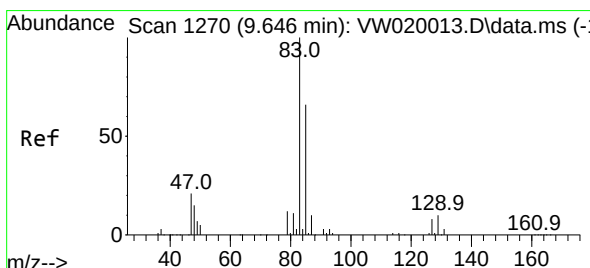
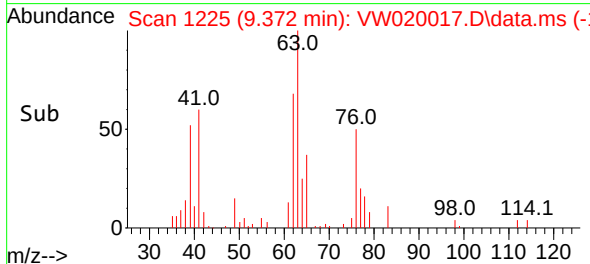
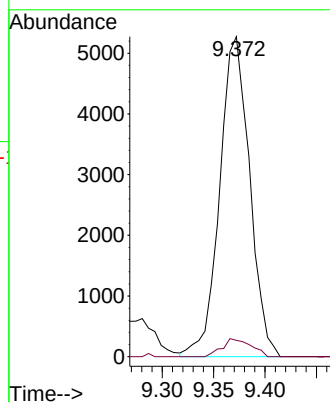
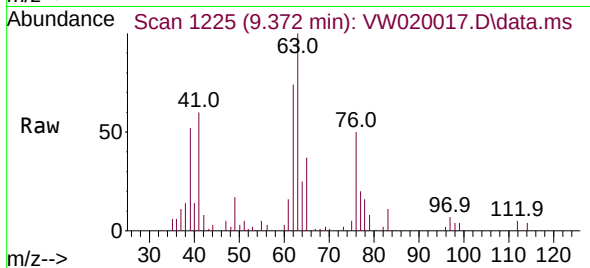




#37
1,2-Dichloropropane
Concen: 2.682 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VW020017.D
Acq: 14 Sep 2021 17:56

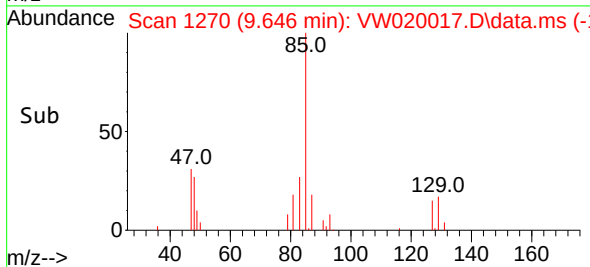
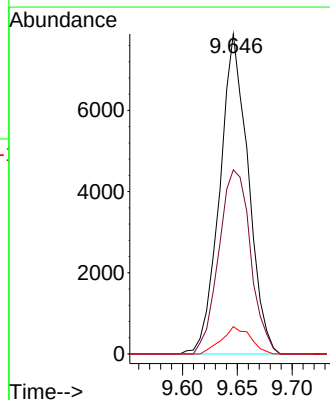
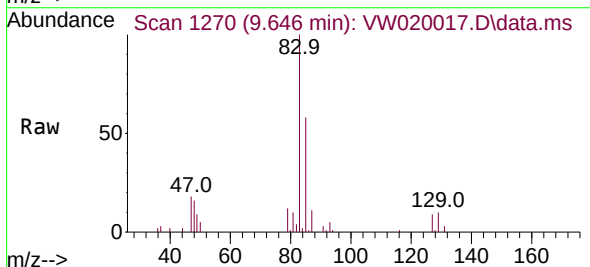
Instrument :
MSVOA_W
ClientSampled :
VSTD2.5449

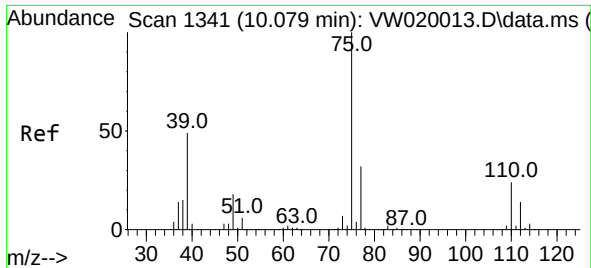
Tgt Ion: 63 Resp: 10685
Ion Ratio Lower Upper
63 100
112 5.4 3.9 5.9



#38
Bromodichloromethane
Concen: 2.621 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW020017.D
Acq: 14 Sep 2021 17:56

Tgt Ion: 83 Resp: 14211
Ion Ratio Lower Upper
83 100
85 57.6 42.3 78.5
127 8.5 6.6 9.8

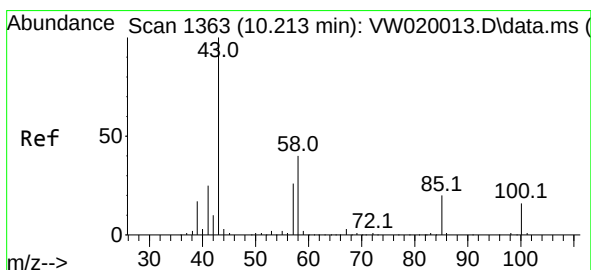
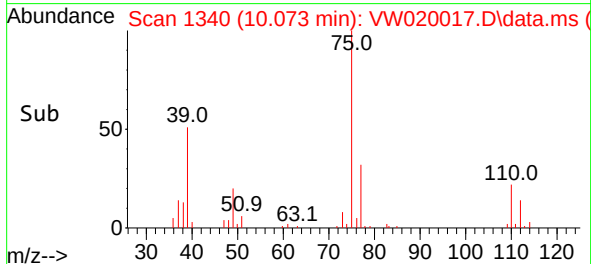
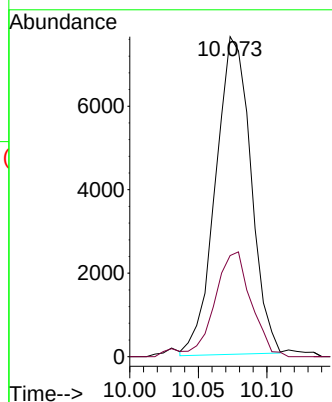
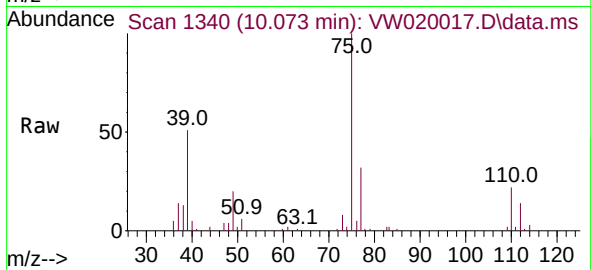




#39
 cis-1,3-Dichloropropene
 Concen: 2.255 ug/L
 RT: 10.073 min Scan# 1340
 Delta R.T. -0.006 min
 Lab File: VW020017.D
 Acq: 14 Sep 2021 17:56

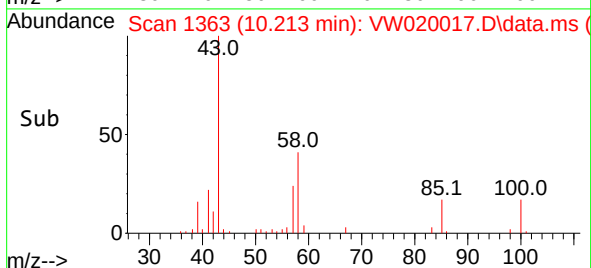
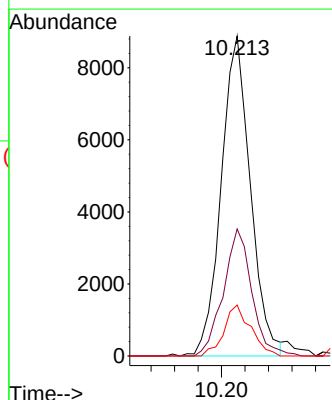
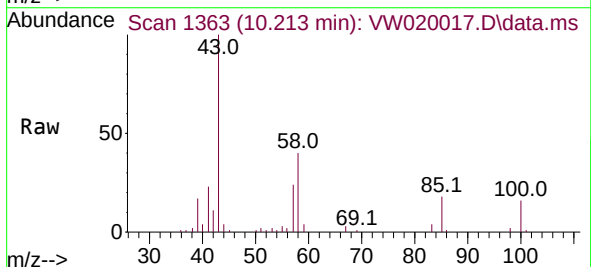
Instrument :
 MSVOA_W
 ClientSampled :
 VSTD2.5449

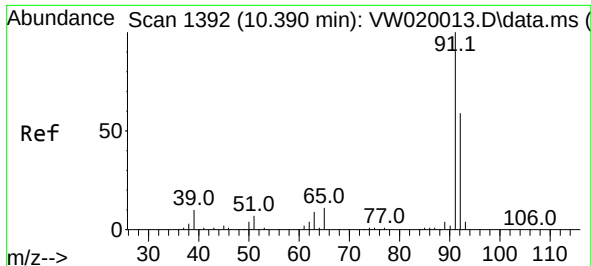
Tgt Ion: 75 Resp: 13656
 Ion Ratio Lower Upper
 75 100
 77 31.6 22.6 42.0



#40
 4-Methyl-2-pentanone
 Concen: 5.617 ug/L
 RT: 10.213 min Scan# 1363
 Delta R.T. 0.000 min
 Lab File: VW020017.D
 Acq: 14 Sep 2021 17:56

Tgt Ion: 43 Resp: 15330
 Ion Ratio Lower Upper
 43 100
 58 38.7 31.0 46.4
 100 14.6 13.0 19.6

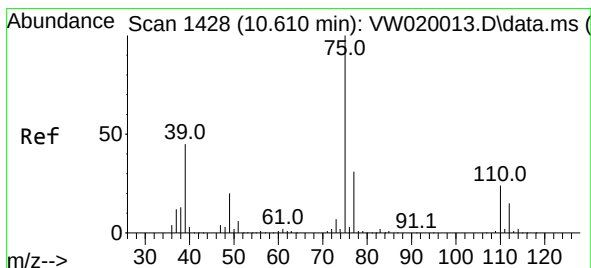
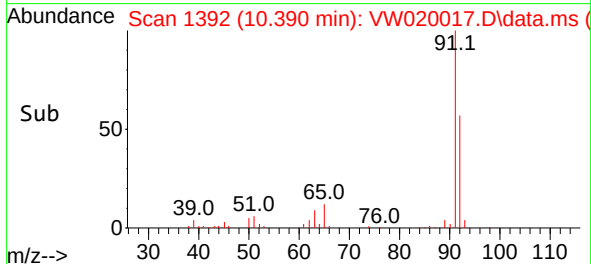
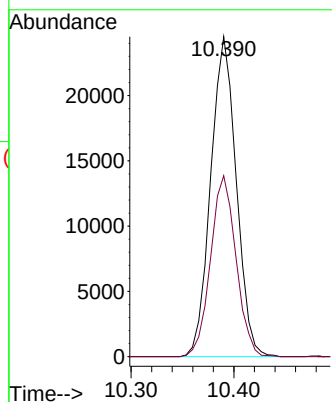
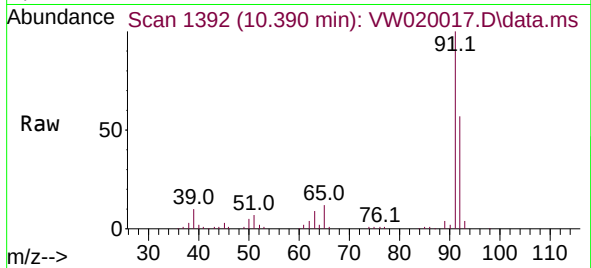




#42
Toluene
Concen: 2.441 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW020017.D
Acq: 14 Sep 2021 17:56

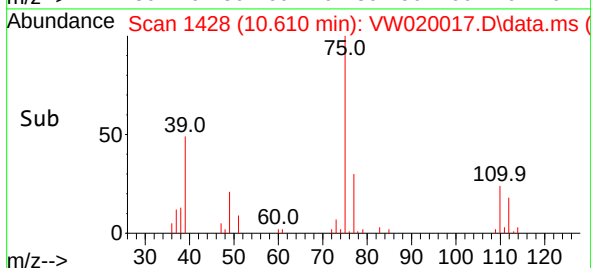
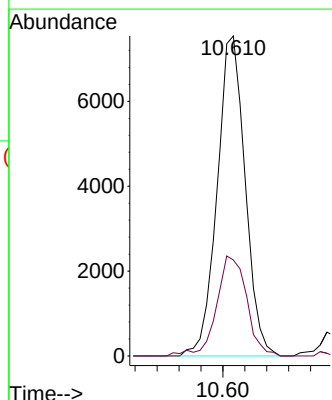
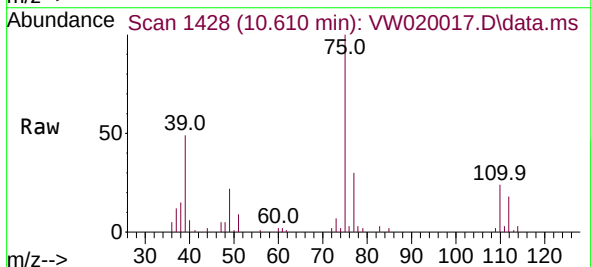
Instrument :
MSVOA_W
ClientSampled :
VSTD2.5449

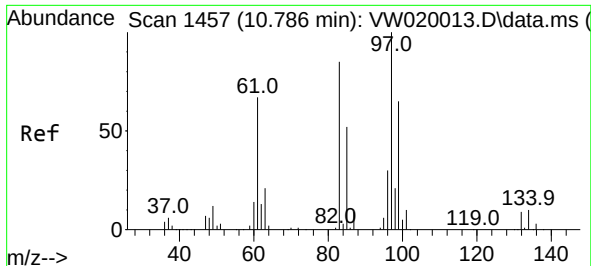
Tgt Ion: 91 Resp: 42368
Ion Ratio Lower Upper
91 100
92 56.5 39.5 73.3



#44
trans-1,3-Dichloropropene
Concen: 2.370 ug/L
RT: 10.610 min Scan# 1428
Delta R.T. 0.000 min
Lab File: VW020017.D
Acq: 14 Sep 2021 17:56

Tgt Ion: 75 Resp: 13379
Ion Ratio Lower Upper
75 100
77 30.0 21.1 39.1





#45

1,1,2-Trichloroethane

Concen: 2.742 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW020017.D

Acq: 14 Sep 2021 17:56

Tgt Ion: 97 Resp: 8653

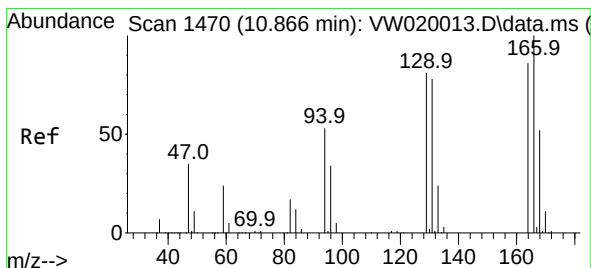
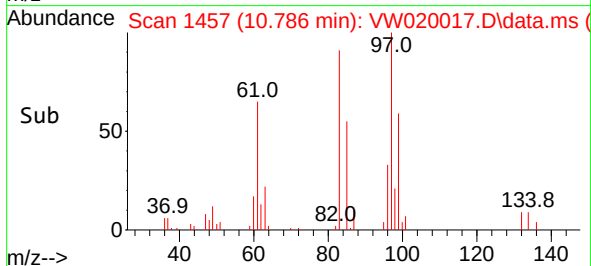
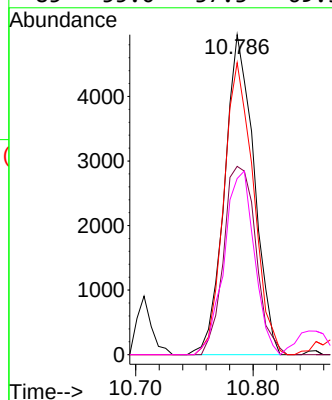
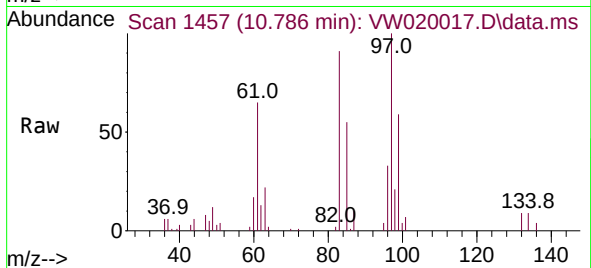
Ion Ratio Lower Upper

97 100

99 58.8 45.1 83.7

83 91.3 58.1 107.9

85 55.0 37.3 69.3



#46

Tetrachloroethene

Concen: 2.653 ug/L

RT: 10.866 min Scan# 1470

Delta R.T. 0.000 min

Lab File: VW020017.D

Acq: 14 Sep 2021 17:56

Tgt Ion: 164 Resp: 9035

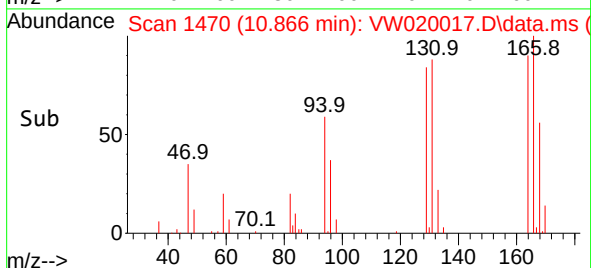
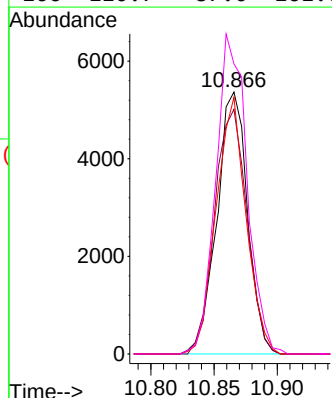
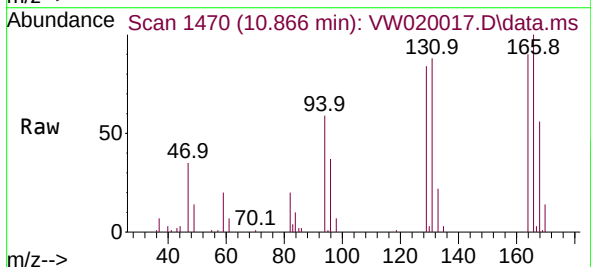
Ion Ratio Lower Upper

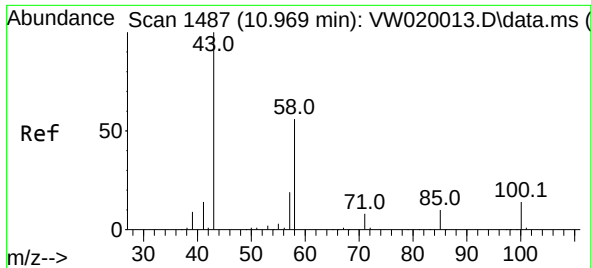
164 100

129 93.4 66.7 123.9

131 97.9 61.1 113.5

166 110.7 87.0 161.6

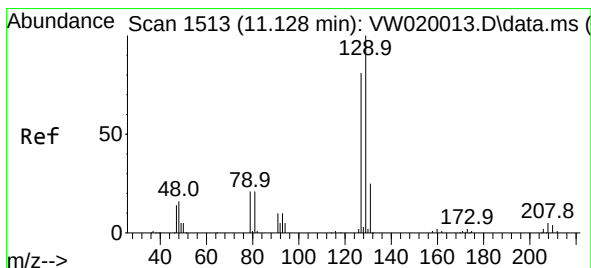
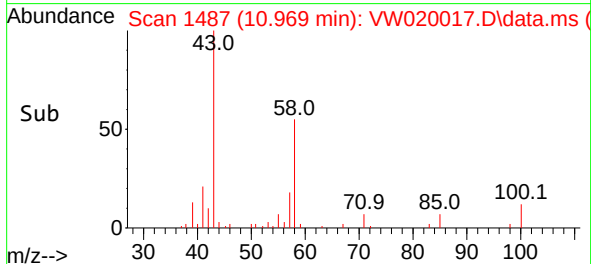
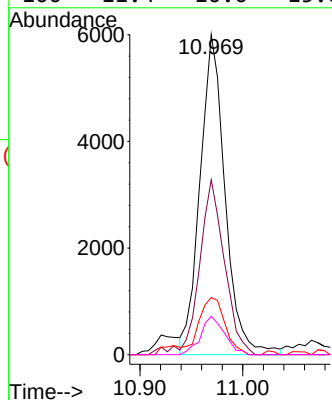
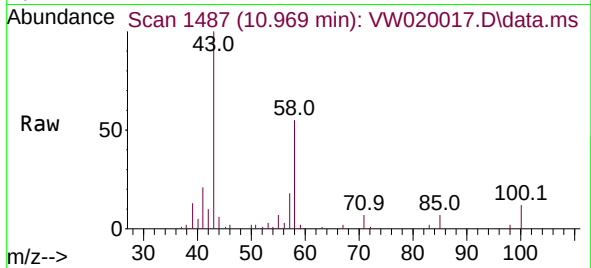




#48
2-Hexanone
Concen: 5.257 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW020017.D
Acq: 14 Sep 2021 17:56

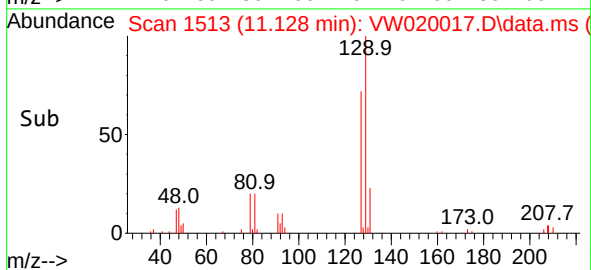
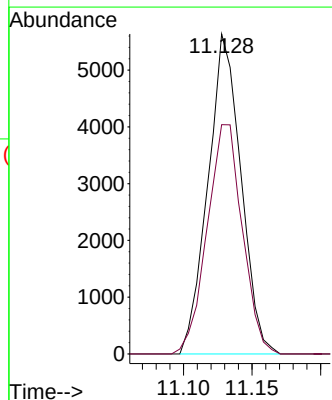
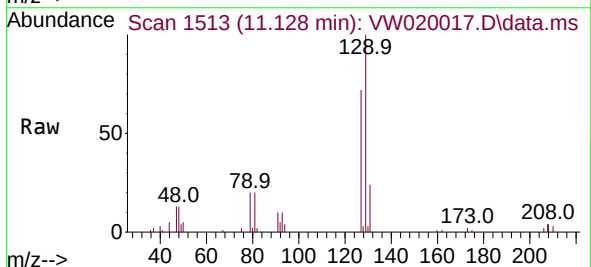
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5449

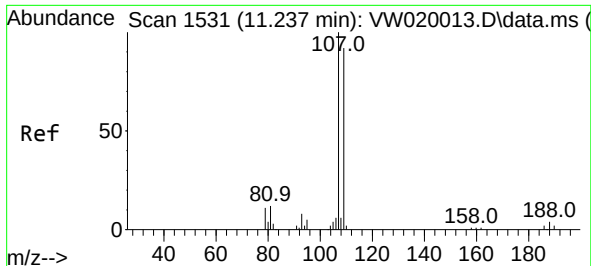
Tgt Ion:	43	Resp:	10190
Ion	Ratio	Lower	Upper
43	100		
58	53.7	42.7	64.1
57	18.0	15.8	23.8
100	11.4	10.0	15.0



#49
Dibromochloromethane
Concen: 2.586 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW020017.D
Acq: 14 Sep 2021 17:56

Tgt Ion:	129	Resp:	9434
Ion	Ratio	Lower	Upper
129	100		
127	71.7	51.7	95.9

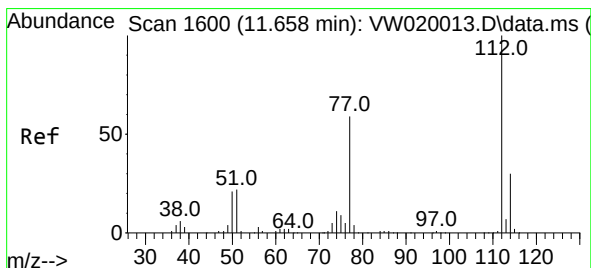
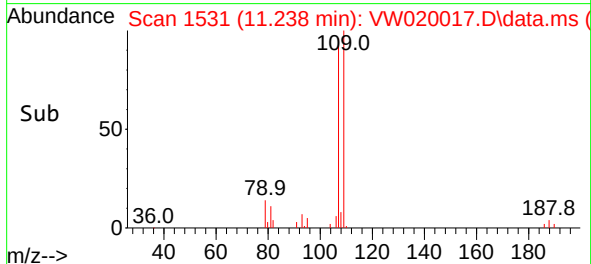
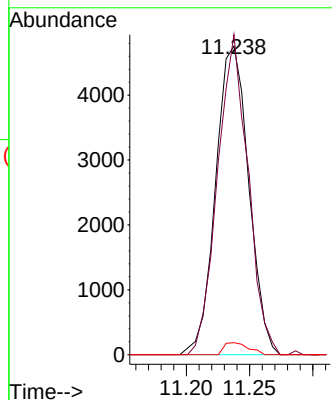
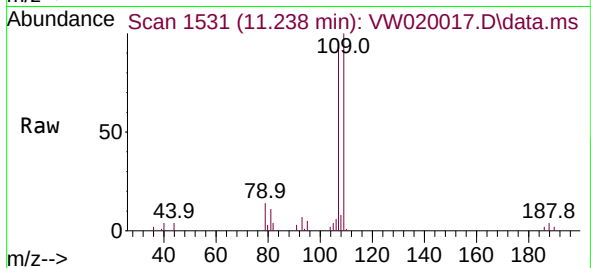




#50
1,2-Dibromoethane
Concen: 2.806 ug/L
RT: 11.238 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VW020017.D
Acq: 14 Sep 2021 17:56

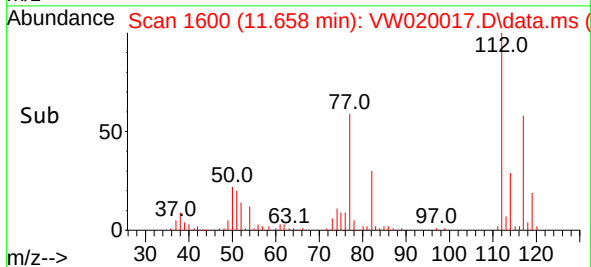
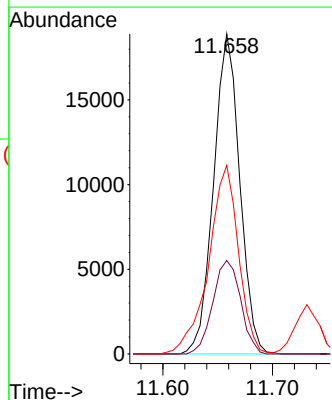
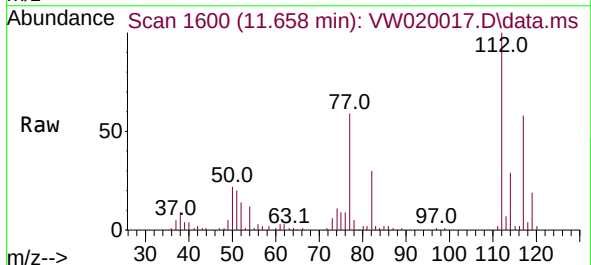
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5449

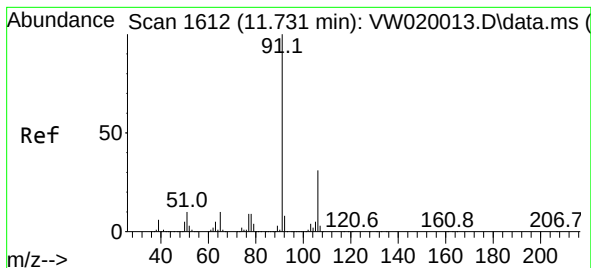
Tgt Ion:	107	Resp:	8642
Ion	Ratio	Lower	Upper
107	100		
109	103.7	65.4	121.4
188	3.9	2.6	4.0



#51
Chlorobenzene
Concen: 2.769 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW020017.D
Acq: 14 Sep 2021 17:56

Tgt Ion:	112	Resp:	31371
Ion	Ratio	Lower	Upper
112	100		
114	29.2	23.4	43.6
77	58.9	47.6	71.4

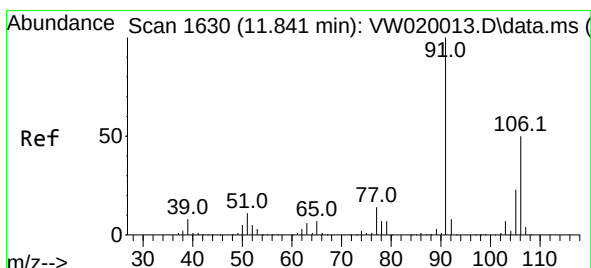
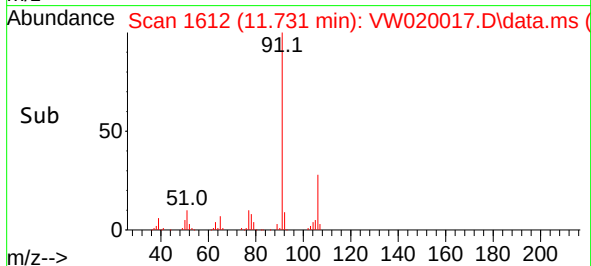
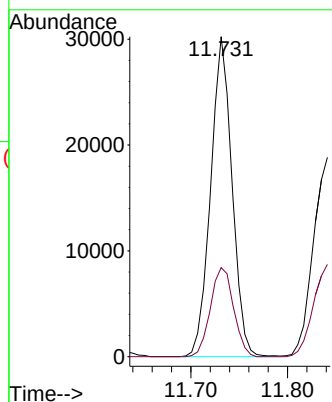
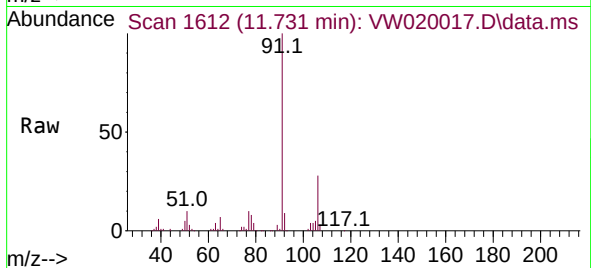




#52
Ethylbenzene
Concen: 2.445 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW020017.D
Acq: 14 Sep 2021 17:56

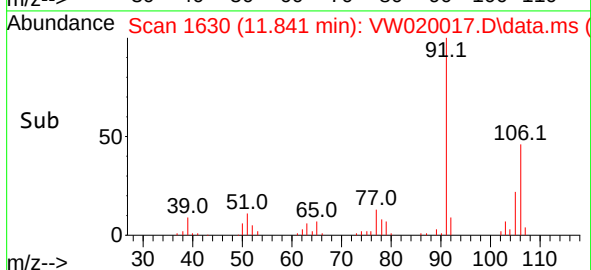
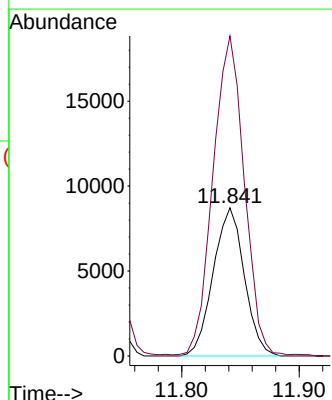
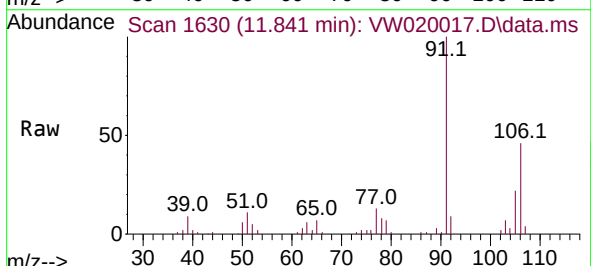
Instrument :
MSVOA_W
ClientSampled :
VSTD2.5449

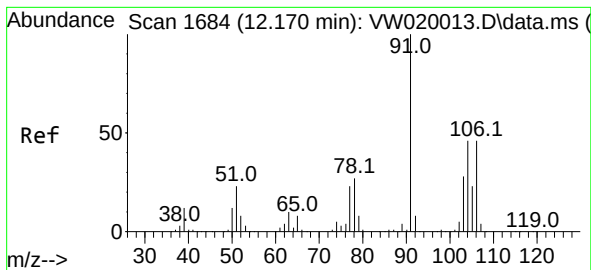
Tgt Ion: 91 Resp: 46461
Ion Ratio Lower Upper
91 100
106 27.8 22.5 41.7



#53
m,p-Xylene
Concen: 2.199 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW020017.D
Acq: 14 Sep 2021 17:56

Tgt Ion:106 Resp: 16046
Ion Ratio Lower Upper
106 100
91 215.9 141.3 262.3





#54

o-Xylene

Concen: 2.204 ug/L

RT: 12.170 min Scan# 1684

Delta R.T. 0.000 min

Lab File: VW020017.D

Acq: 14 Sep 2021 17:56

Tgt Ion:106 Resp: 15039

Ion Ratio Lower Upper

106 100

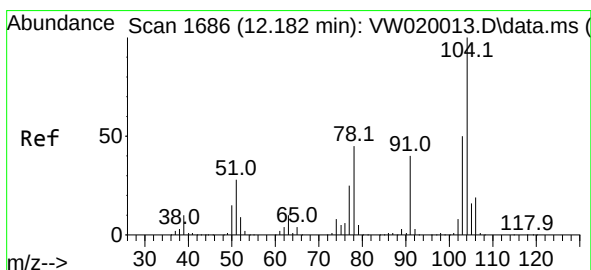
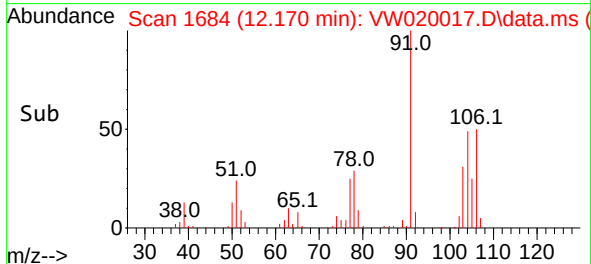
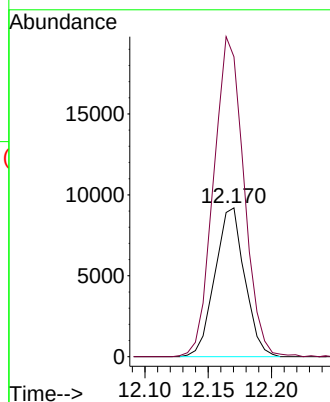
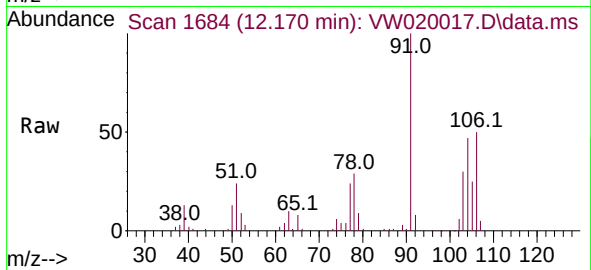
91 201.4 150.0 278.6

Instrument :

MSVOA_W

ClientSampleId :

VSTD2.5449



#55

Styrene

Concen: 2.134 ug/L

RT: 12.182 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VW020017.D

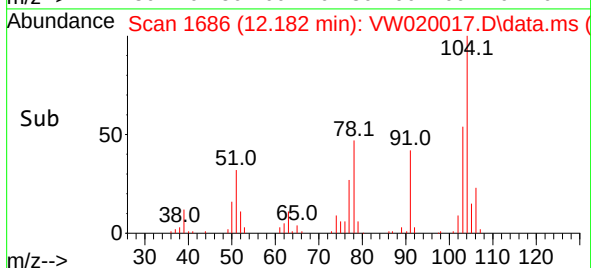
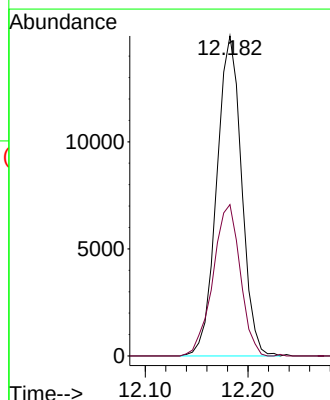
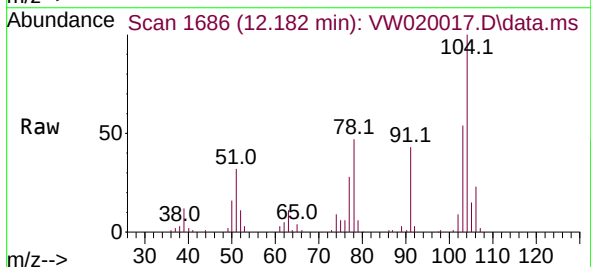
Acq: 14 Sep 2021 17:56

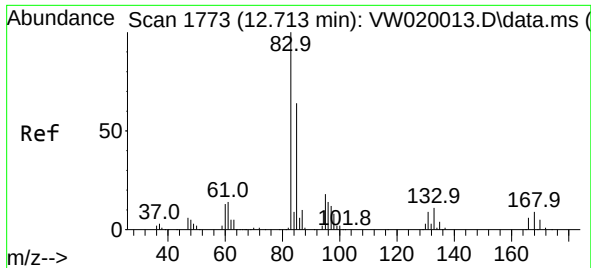
Tgt Ion:104 Resp: 25091

Ion Ratio Lower Upper

104 100

78 47.3 32.5 60.3

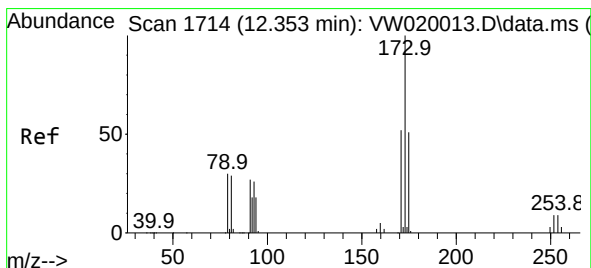
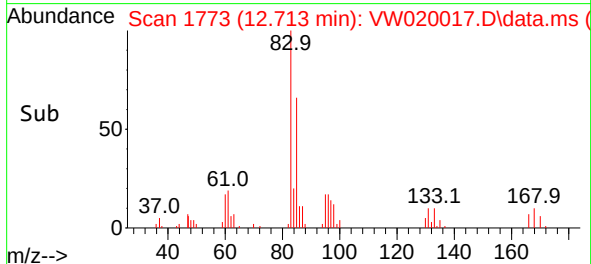
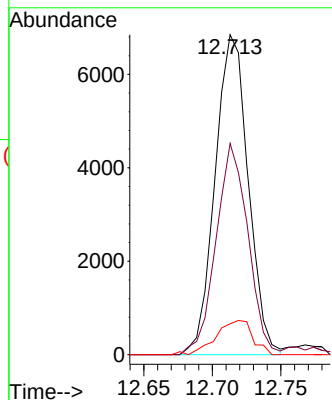
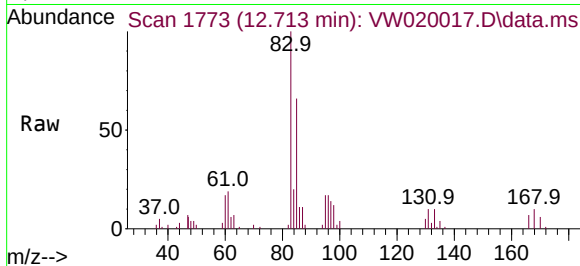




#57
1,1,2,2-Tetrachloroethane
Concen: 2.768 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW020017.D
Acq: 14 Sep 2021 17:56

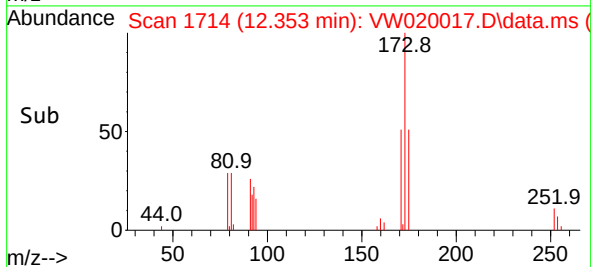
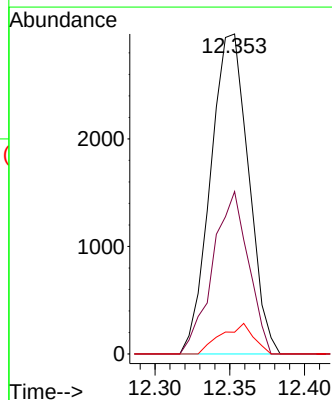
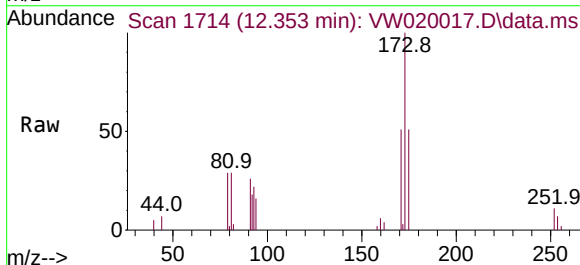
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5449

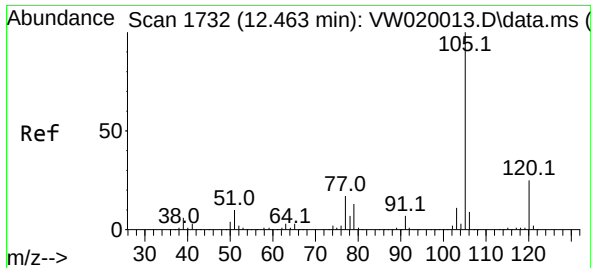
Tgt Ion:	83	Resp:	11518
Ion	Ratio	Lower	Upper
83	100		
85	66.0	44.4	82.4
131	9.7	8.2	12.4



#59
Bromoform
Concen: 2.568 ug/L
RT: 12.353 min Scan# 1714
Delta R.T. 0.000 min
Lab File: VW020017.D
Acq: 14 Sep 2021 17:56

Tgt Ion:	173	Resp:	5255
Ion	Ratio	Lower	Upper
173	100		
175	47.7	37.5	56.3
254	8.1	7.0	10.4

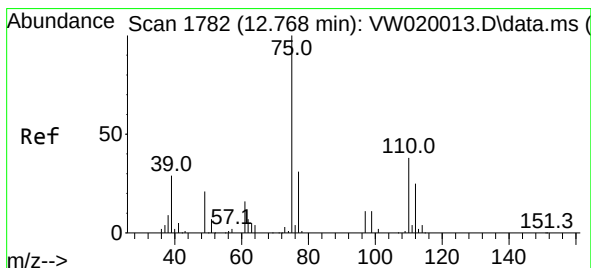
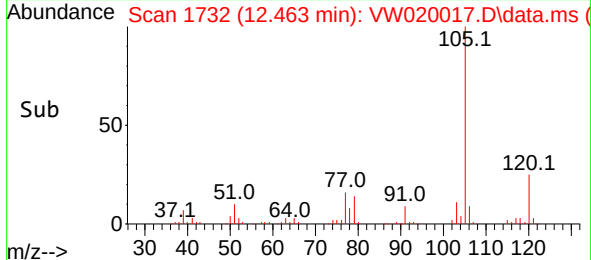
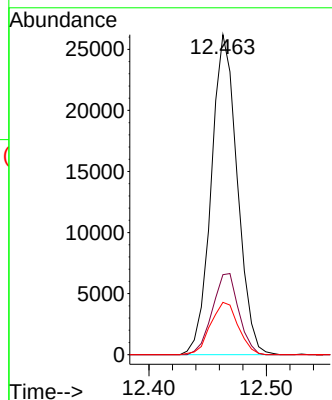
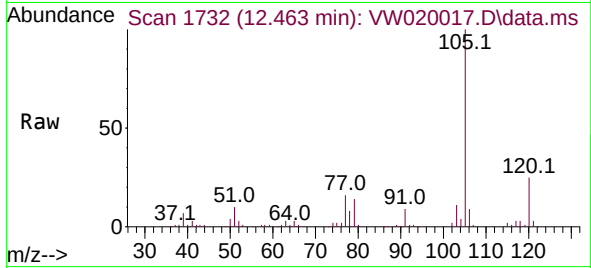




#60
Isopropylbenzene
Concen: 2.296 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW020017.D
Acq: 14 Sep 2021 17:56

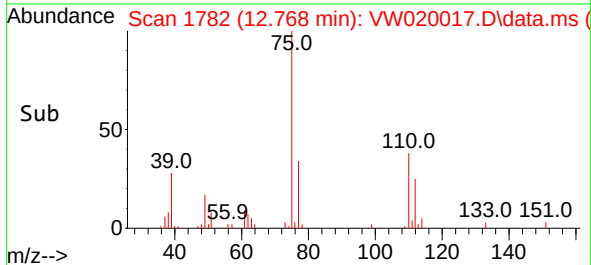
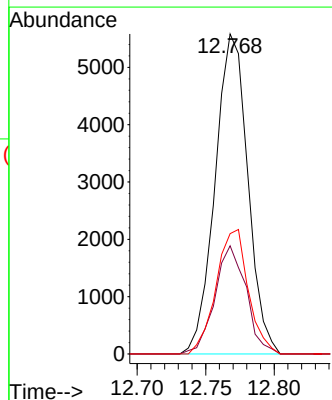
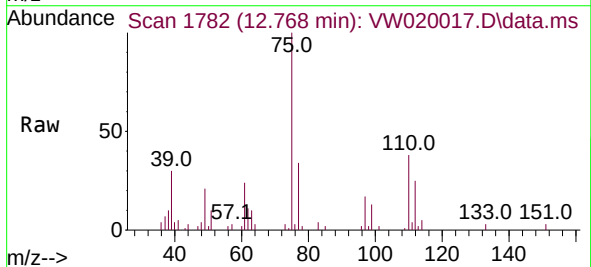
Instrument :
MSVOA_W
ClientSampled :
VSTD2.5449

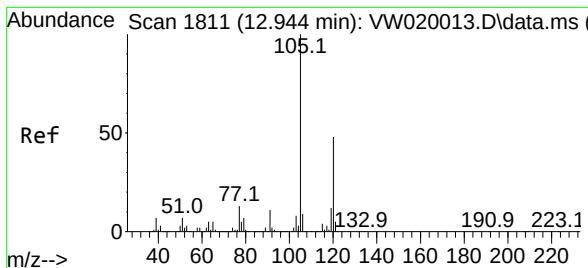
Tgt Ion:105 Resp: 40460
Ion Ratio Lower Upper
105 100
120 25.7 21.1 31.7
77 17.4 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 3.078 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW020017.D
Acq: 14 Sep 2021 17:56

Tgt Ion: 75 Resp: 9279
Ion Ratio Lower Upper
75 100
77 32.3 25.3 37.9
110 38.2 32.6 48.8

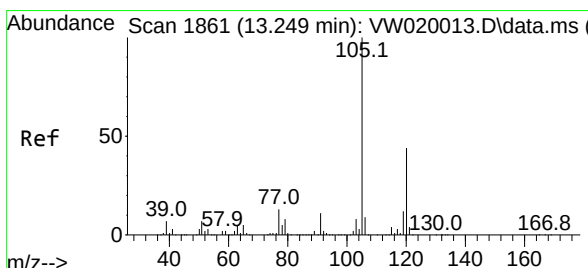
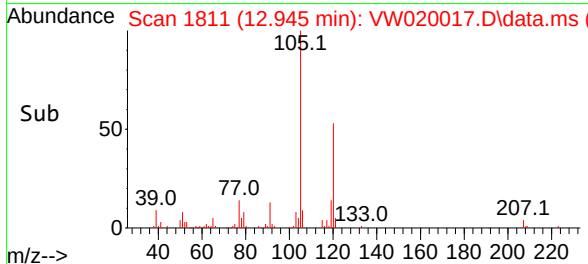
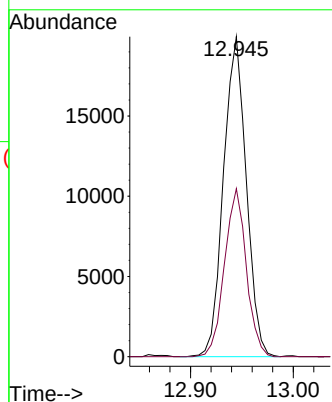
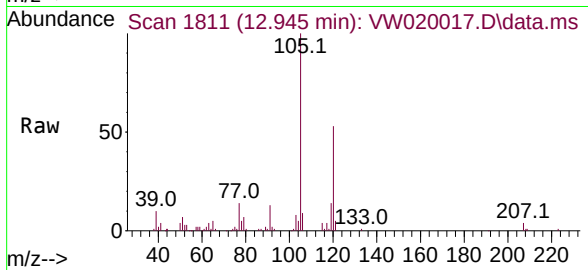




#62
1,3,5-Trimethylbenzene
Concen: 2.123 ug/L
RT: 12.945 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW020017.D
Acq: 14 Sep 2021 17:56

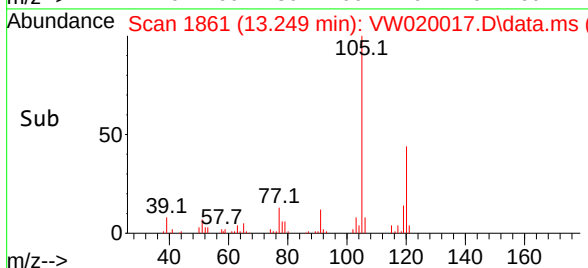
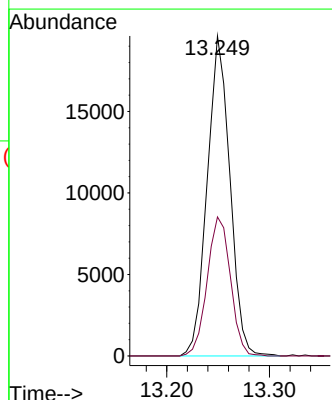
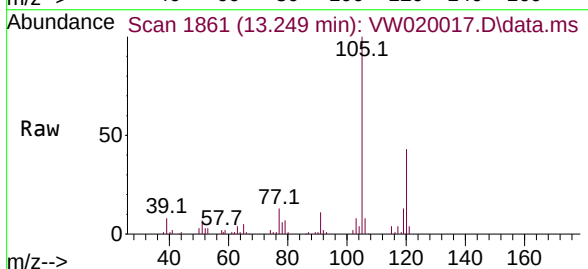
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5449

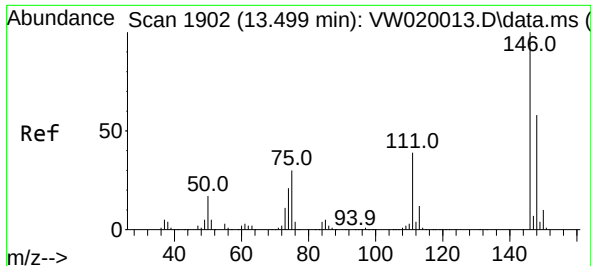
Tgt Ion:105 Resp: 30666
Ion Ratio Lower Upper
105 100
120 50.3 39.0 58.6



#63
1,2,4-Trimethylbenzene
Concen: 2.122 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW020017.D
Acq: 14 Sep 2021 17:56

Tgt Ion:105 Resp: 30132
Ion Ratio Lower Upper
105 100
120 44.4 35.6 53.4

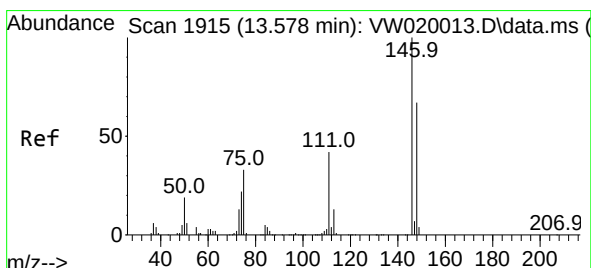
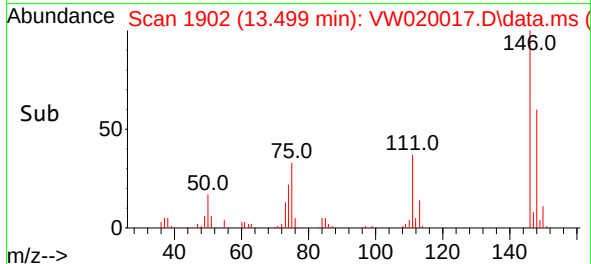
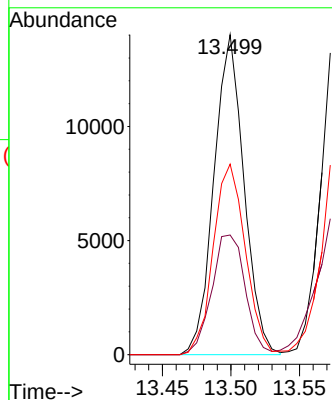
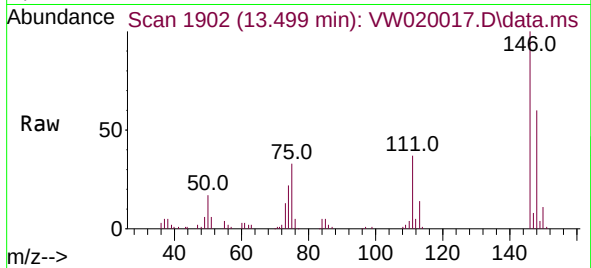




#64
1,3-Dichlorobenzene
Concen: 2.622 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW020017.D
Acq: 14 Sep 2021 17:56

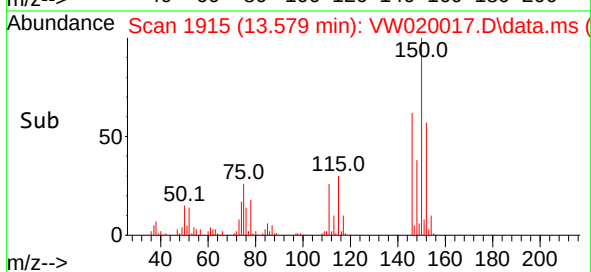
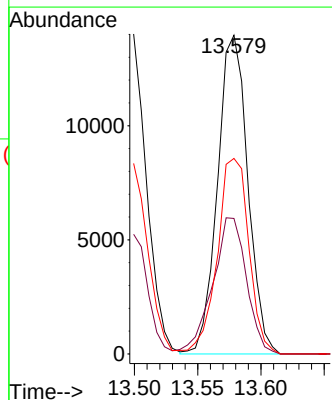
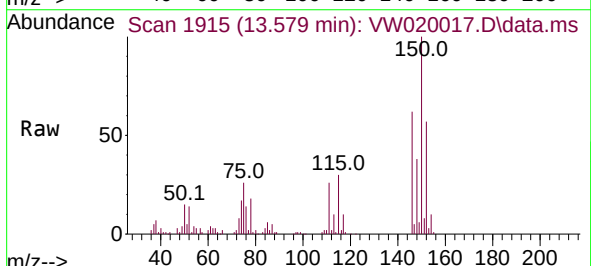
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5449

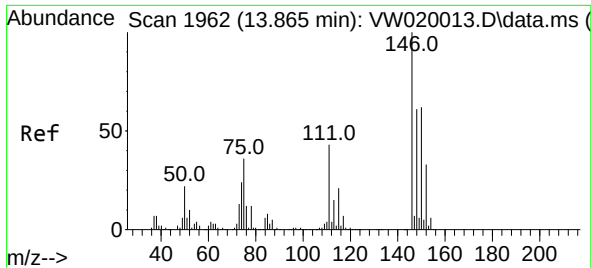
Tgt Ion:146 Resp: 21368
Ion Ratio Lower Upper
146 100
111 37.4 26.7 49.7
148 59.6 41.1 76.3



#65
1,4-Dichlorobenzene
Concen: 2.779 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW020017.D
Acq: 14 Sep 2021 17:56

Tgt Ion:146 Resp: 23229
Ion Ratio Lower Upper
146 100
111 42.5 28.8 53.4
148 61.3 46.8 87.0

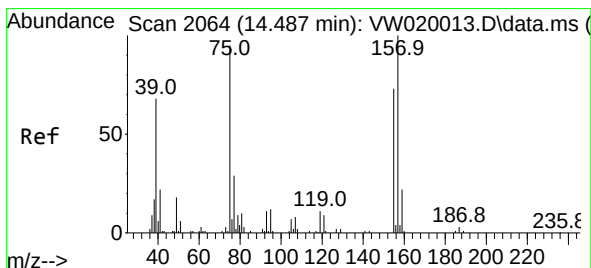
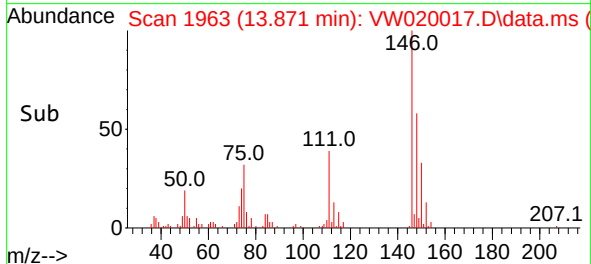
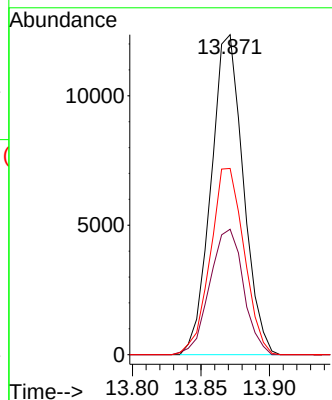
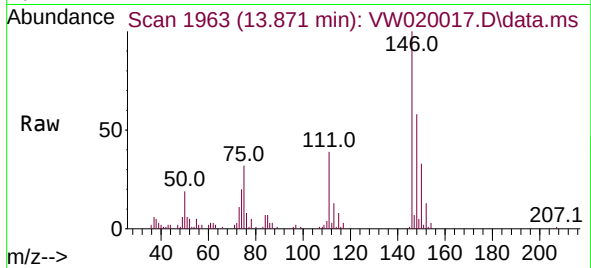




#67
1,2-Dichlorobenzene
Concen: 2.779 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VW020017.D
Acq: 14 Sep 2021 17:56

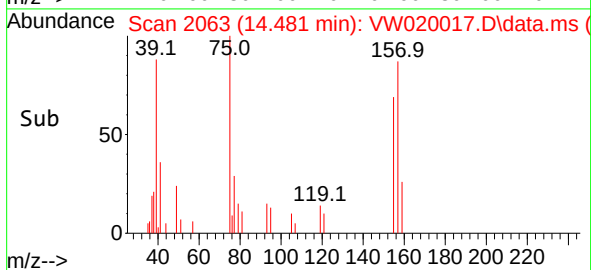
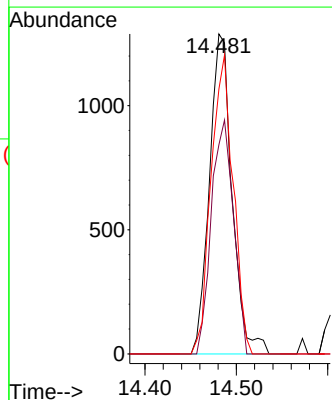
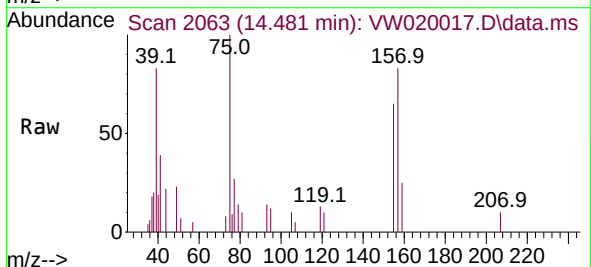
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5449

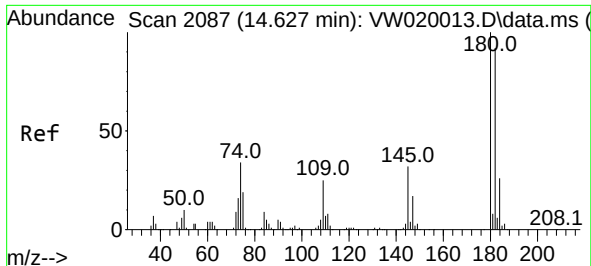
Tgt Ion:	146	Resp:	20232
Ion Ratio	Lower	Upper	
146	100		
111	39.2	33.2	49.8
148	58.2	50.4	75.6



#68
1,2-Dibromo-3-chloropropane
Concen: 3.072 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.006 min
Lab File: VW020017.D
Acq: 14 Sep 2021 17:56

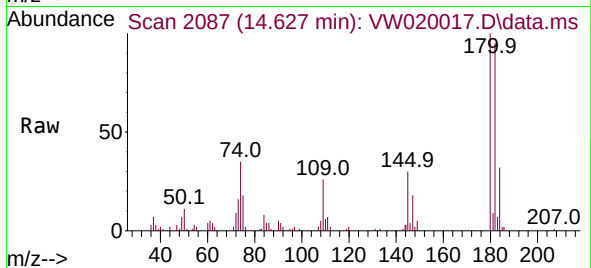
Tgt Ion:	75	Resp:	2219
Ion Ratio	Lower	Upper	
75	100		
155	65.4	59.4	89.0
157	82.8	72.2	108.2



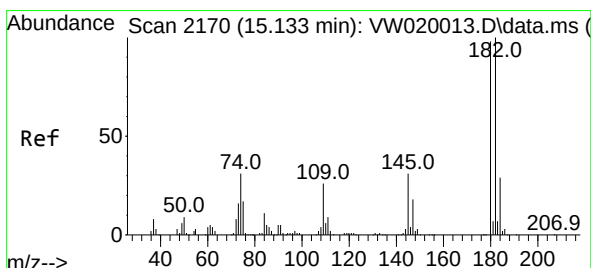
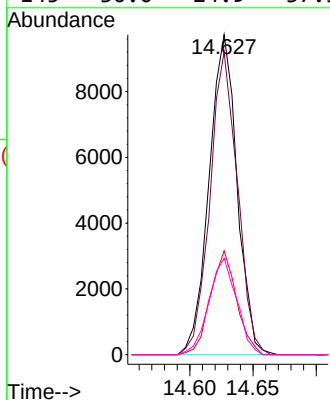
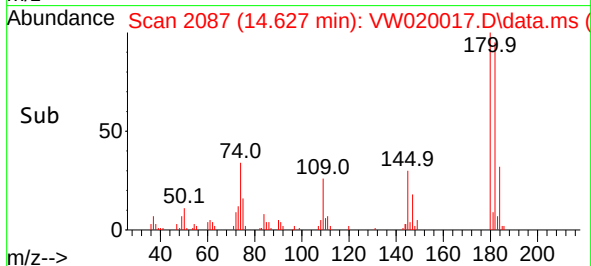


#69
1,3,5-Trichlorobenzene
Concen: 2.707 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW020017.D
Acq: 14 Sep 2021 17:56

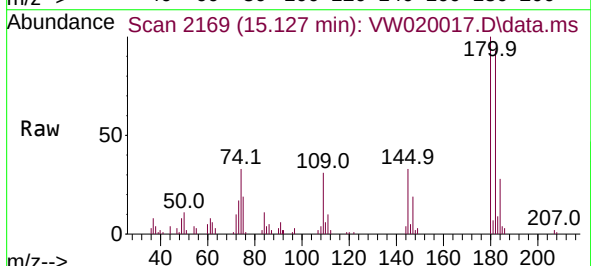
Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5449



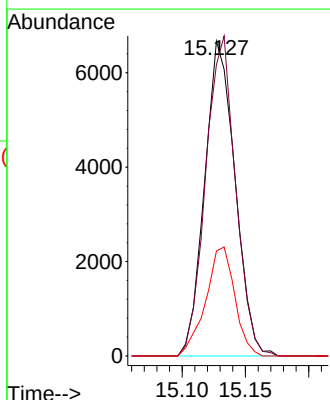
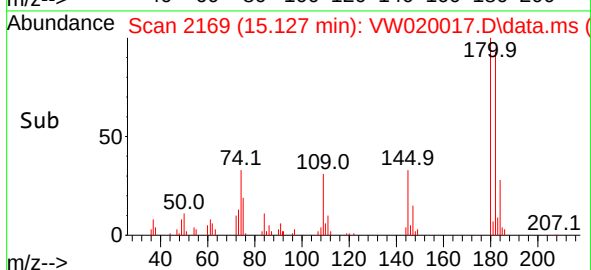
Tgt Ion:	180	Resp:	14956
Ion Ratio	Lower	Upper	
180	100		
182	92.6	73.4	110.2
184	30.6	23.6	35.4
145	30.0	24.9	37.3

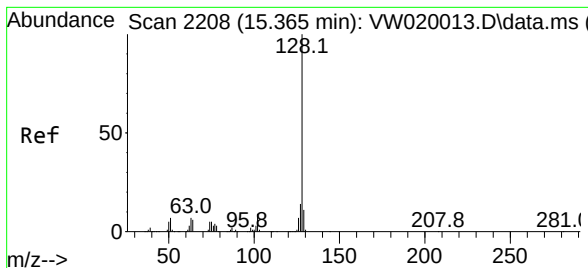


#70
1,2,4-trichlorobenzene
Concen: 2.561 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW020017.D
Acq: 14 Sep 2021 17:56



Tgt Ion:	180	Resp:	11178
Ion Ratio	Lower	Upper	
180	100		
182	99.3	74.7	112.1
145	33.0	25.0	37.4

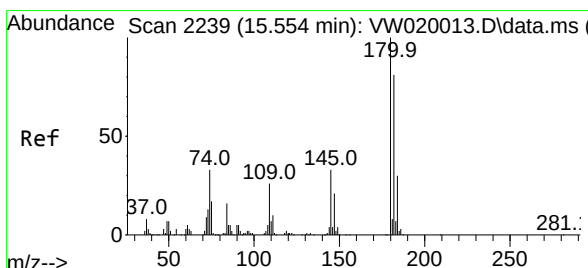
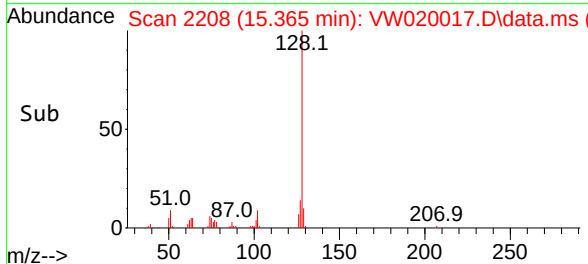
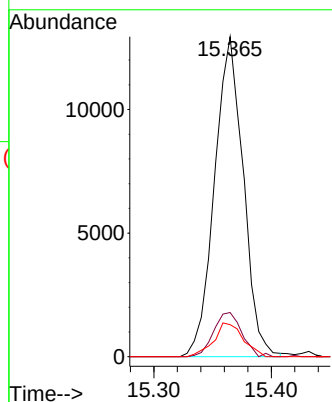
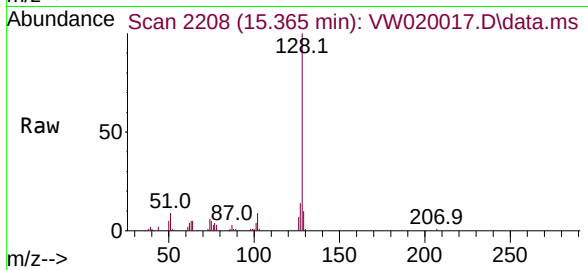




#71
Naphthalene
Concen: 2.417 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW020017.D
Acq: 14 Sep 2021 17:56

Instrument :
MSVOA_W
ClientSampleId :
VSTD2.5449

Tgt Ion:	128	Resp:	22005
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.6	15.8
129	10.8	9.0	13.6



#72
1,2,3-Trichlorobenzene
Concen: 2.545 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW020017.D
Acq: 14 Sep 2021 17:56

Tgt Ion:	180	Resp:	10389
Ion	Ratio	Lower	Upper
180	100		
182	99.9	76.7	115.1
145	33.9	28.9	43.3

