

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050421\
 Data File : VW018920.D
 Acq On : 04 May 2021 15:55
 Operator : SY/VA
 Sample : M2272-03MSD
 Misc : 5.31G/10ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 05 00:07:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 05 00:05:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	479036	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	423392	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	208757	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	134261	21.85	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	87.40%		
7) Chloroethane-d5	2.891	69	112082	23.54	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	94.16%		
11) 1,1-Dichloroethene-d2	4.019	63	283545	23.24	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	92.96%		
21) 2-Butanone-d5	7.080	46	66720	41.68	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	83.36%		
24) Chloroform-d	7.647	84	305607	24.31	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	97.24%		
26) 1,2-Dichloroethane-d4	8.305	65	162891	23.19	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	92.76%		
32) Benzene-d6	8.275	84	591545	24.73	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	98.92%		
36) 1,2-Dichloropropane-d6	9.274	67	175327	24.70	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	98.80%		
41) Toluene-d8	10.323	98	552204	24.75	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	99.00%		
43) trans-1,3-Dichloroprop...	10.579	79	73893	22.91	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	91.64%		
47) 2-Hexanone-d5	10.927	63	57126	44.96	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	89.92%		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	134089	22.30	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	89.20%		
66) 1,2-Dichlorobenzene-d4	13.853	152	177432	24.80	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	99.20%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.013	85	101435	22.30	ug/L	95
3) Chloromethane	2.215	50	96143	22.51	ug/L	97
5) Vinyl chloride	2.367	62	152368	21.98	ug/L	97
6) Bromomethane	2.782	94	104235	21.47	ug/L	98
8) Chloroethane	2.928	64	90968	21.81	ug/L	98
9) Trichlorofluoromethane	3.257	101	121962	22.68	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	129244	20.86	ug/L	99
12) 1,1-Dichloroethene	4.044	96	133789	21.56	ug/L	92
13) Acetone	4.129	43	69720	56.85	ug/L	88
14) Carbon disulfide	4.385	76	400184	21.79	ug/L	98
15) Methyl Acetate	4.672	43	45012	18.00	ug/L	94
16) Methylene chloride	4.921	84	176231	22.25	ug/L	93
17) trans-1,2-Dichloroethene	5.421	96	145011	21.80	ug/L	98
18) Methyl tert-butyl Ether	5.427	73	197641	21.54	ug/L	99
19) 1,1-Dichloroethane	6.214	63	257024	22.49	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	151179	21.52	ug/L	95
22) 2-Butanone	7.171	43	79476	46.74	ug/L	96
23) Bromochloromethane	7.519	128	62351	20.14	ug/L	94
25) Chloroform	7.677	83	269120	22.50	ug/L	100

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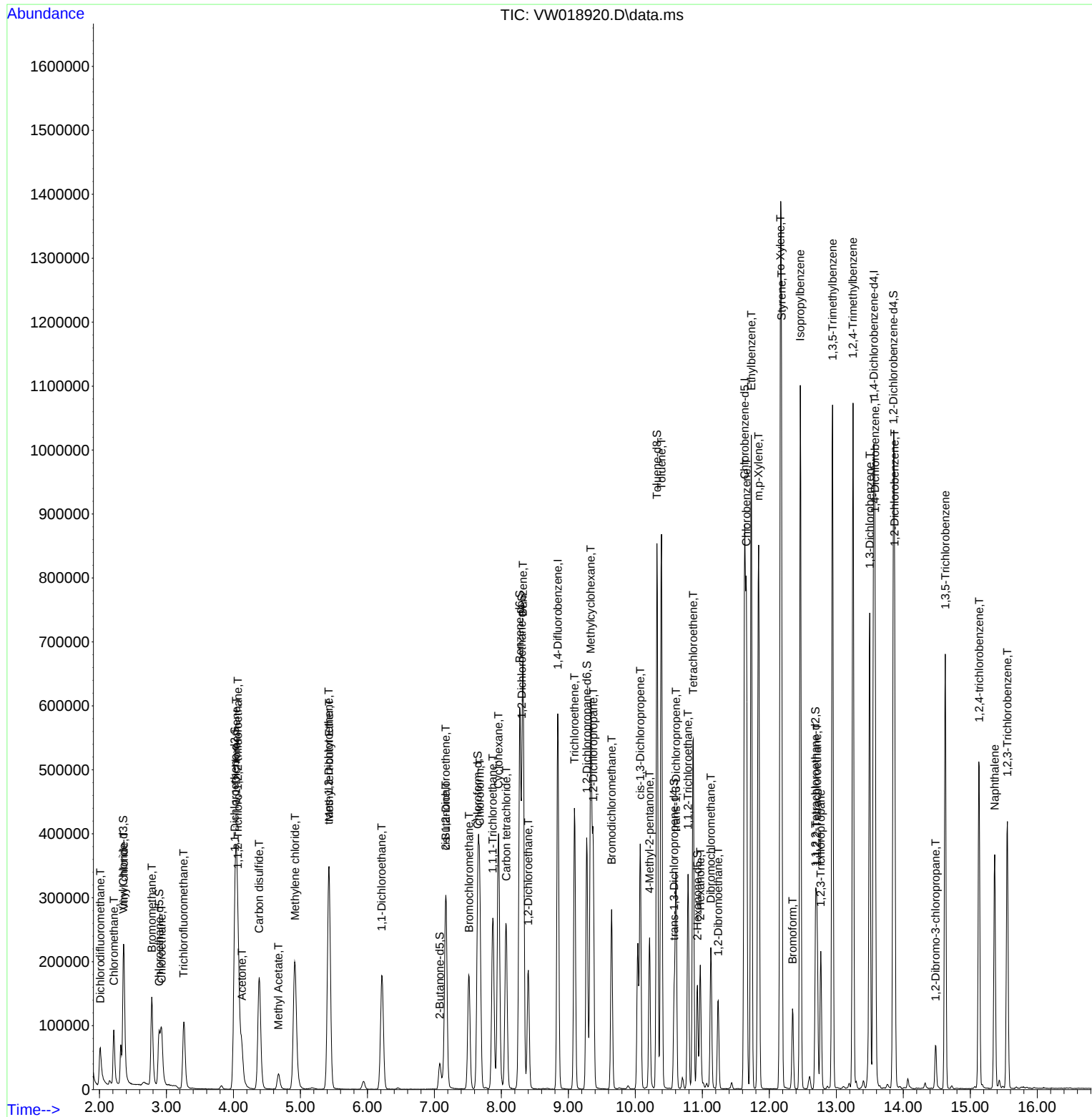
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	172587	21.19	ug/L	100
29) Cyclohexane	7.958	56	225295	22.20	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	218134	23.25	ug/L	99
31) Carbon tetrachloride	8.073	117	195022	22.81	ug/L	99
33) Benzene	8.323	78	576375	22.73	ug/L	100
34) Trichloroethene	9.091	95	149654	22.13	ug/L	94
35) Methylcyclohexane	9.335	83	255202	21.46	ug/L	99
37) 1,2-Dichloropropane	9.372	63	139015	22.74	ug/L	99
38) Bromodichloromethane	9.646	83	184116	22.81	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	216930	22.28	ug/L	96
40) 4-Methyl-2-pentanone	10.213	43	143821	37.89	ug/L	96
42) Toluene	10.390	91	632497	22.67	ug/L	96
44) trans-1,3-Dichloropropene	10.609	75	183247	21.47	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	99827	20.57	ug/L	96
46) Tetrachloroethene	10.866	164	118086	23.22	ug/L	96
48) 2-Hexanone	10.969	43	115837	46.86	ug/L	93
49) Dibromochloromethane	11.128	129	109559	20.84	ug/L	94
50) 1,2-Dibromoethane	11.237	107	93950	19.96	ug/L	100
51) Chlorobenzene	11.658	112	375328	22.00	ug/L	98
52) Ethylbenzene	11.731	91	701936	22.69	ug/L	95
53) m,p-Xylene	11.841	106	259019	22.54	ug/L	92
54) o-Xylene	12.164	106	245876	22.45	ug/L	93
55) Styrene	12.182	104	420353	22.83	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	115088	19.61	ug/L	99
59) Bromoform	12.347	173	52186	18.07	ug/L	96
60) Isopropylbenzene	12.463	105	674317	22.63	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	85429	19.30	ug/L	96
62) 1,3,5-Trimethylbenzene	12.944	105	559839	22.51	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	566293	22.76	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	267019	21.24	ug/L	90
65) 1,4-Dichlorobenzene	13.578	146	269971	21.27	ug/L	96
67) 1,2-Dichlorobenzene	13.871	146	247819	21.78	ug/L	92
68) 1,2-Dibromo-3-chloropr...	14.481	75	17661	18.77	ug/L	95
69) 1,3,5-Trichlorobenzene	14.627	180	197342	21.77	ug/L	99
70) 1,2,4-trichlorobenzene	15.133	180	157489	20.92	ug/L	95
71) Naphthalene	15.365	128	297834	18.75	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	132206	19.90	ug/L	97

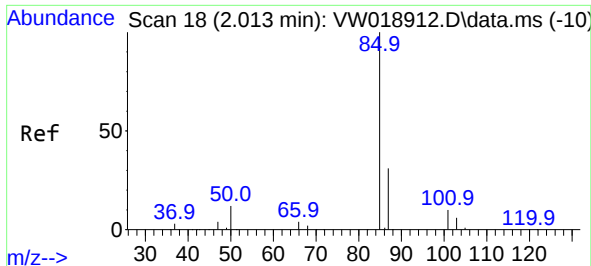
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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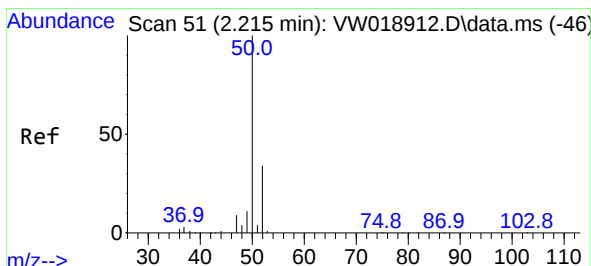
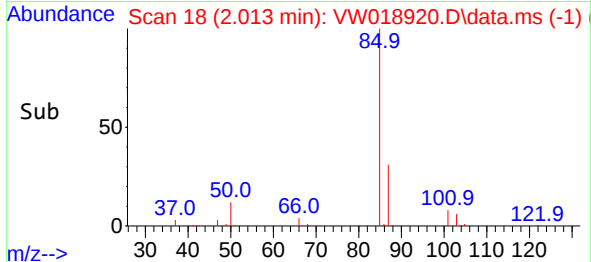
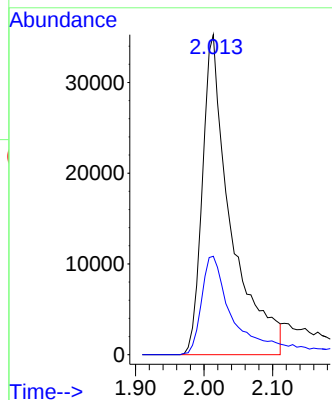
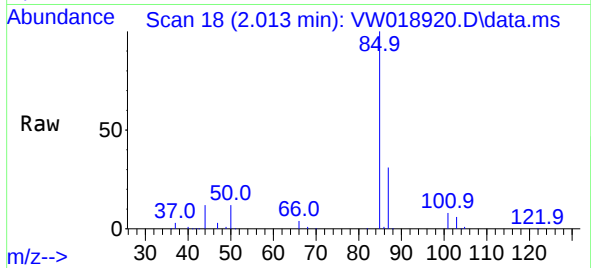




#2
Dichlorodifluoromethane
Concen: 22.30 ug/L
RT: 2.013 min Scan# 18
Delta R.T. 0.000 min
Lab File: VW018920.D
Acq: 04 May 2021 15:55

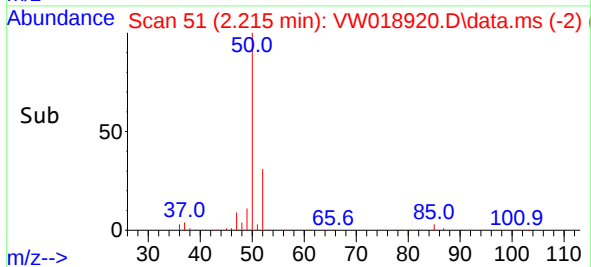
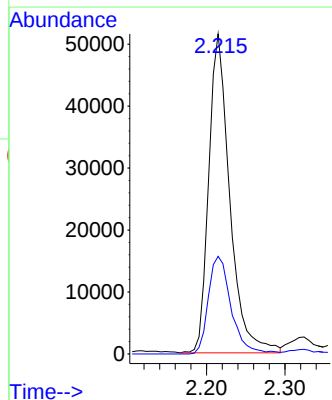
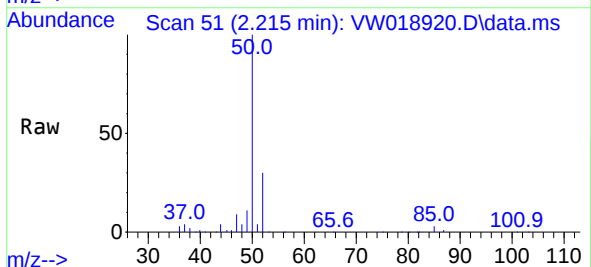
Instrument :
MSVOA_W
ClientSampled :

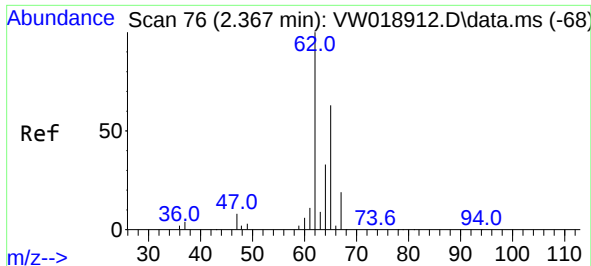
Tgt Ion: 85 Resp: 101435
Ion Ratio Lower Upper
85 100
87 31.6 23.3 34.9



#3
Chloromethane
Concen: 22.51 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW018920.D
Acq: 04 May 2021 15:55

Tgt Ion: 50 Resp: 96143
Ion Ratio Lower Upper
50 100
52 30.5 22.5 41.9

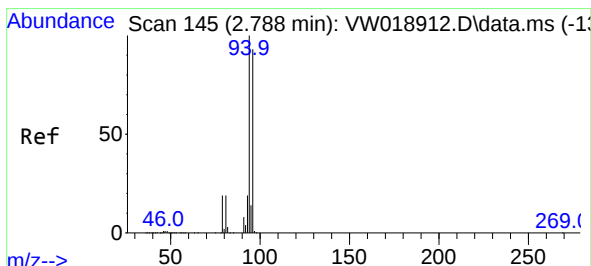
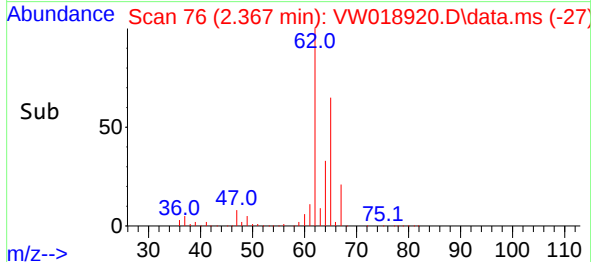
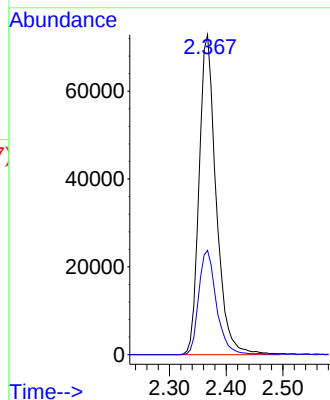
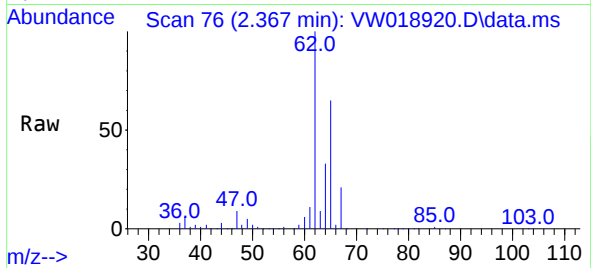




#5
 Vinyl chloride
 Concen: 21.98 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW018920.D
 Acq: 04 May 2021 15:55

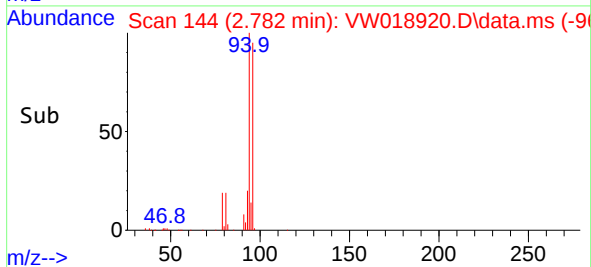
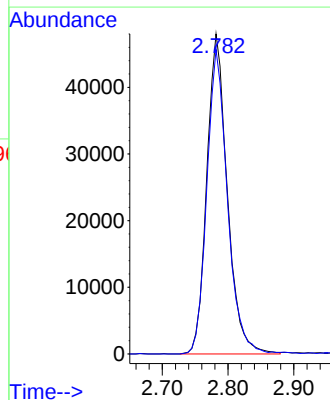
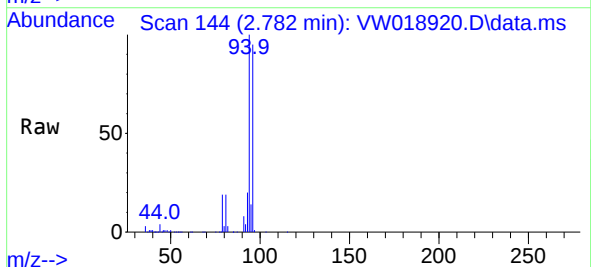
Instrument :
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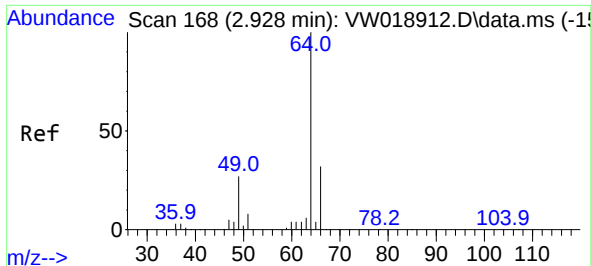
Tgt Ion: 62 Resp: 152368
 Ion Ratio Lower Upper
 62 100
 64 32.6 24.2 45.0



#6
 Bromomethane
 Concen: 21.47 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. -0.006 min
 Lab File: VW018920.D
 Acq: 04 May 2021 15:55

Tgt Ion: 94 Resp: 104235
 Ion Ratio Lower Upper
 94 100
 96 95.2 65.3 121.3

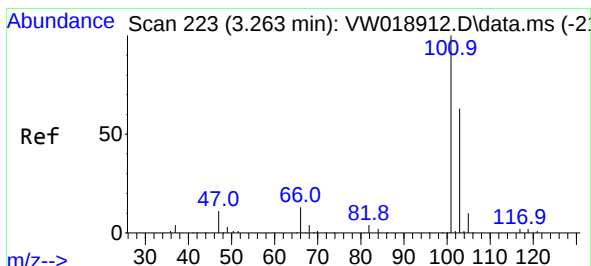
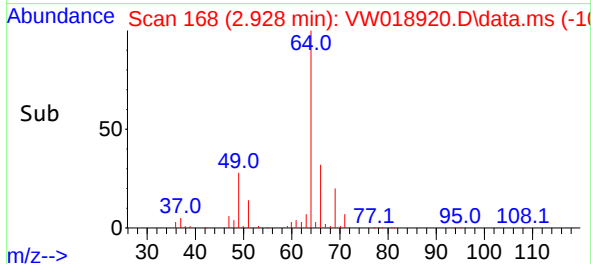
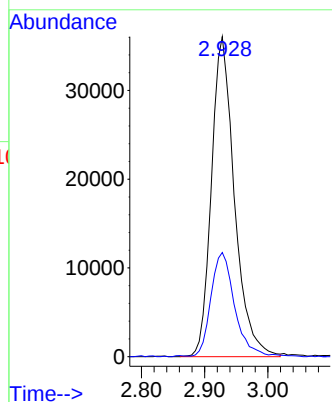
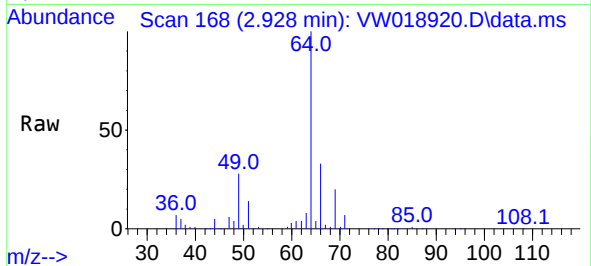




#8
Chloroethane
Concen: 21.81 ug/L
RT: 2.928 min Scan# 168
Delta R.T. 0.000 min
Lab File: VW018920.D
Acq: 04 May 2021 15:55

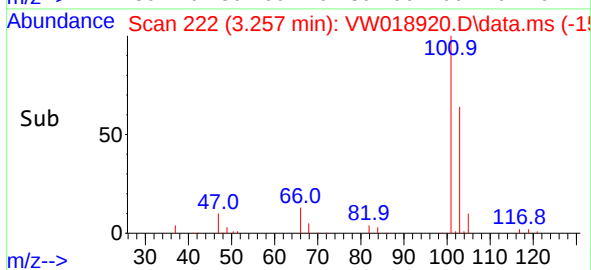
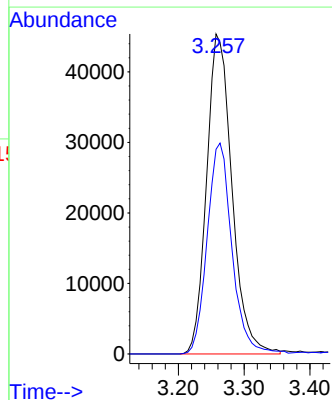
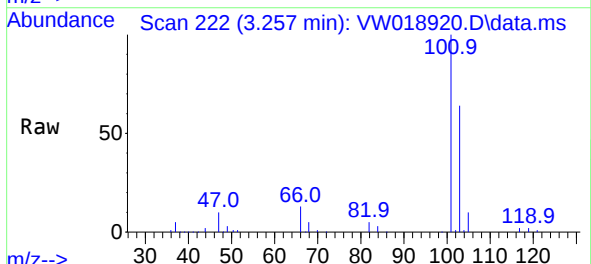
Instrument :
MSVOA_W
ClientSampled :

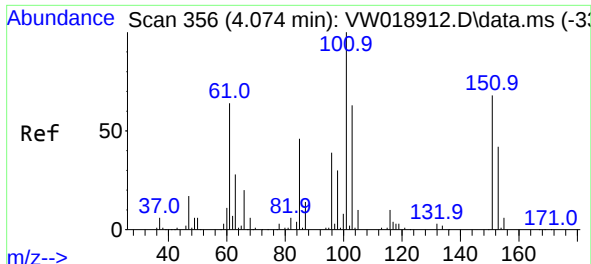
Tgt Ion: 64 Resp: 90968
Ion Ratio Lower Upper
64 100
66 32.6 23.4 43.6



#9
Trichlorofluoromethane
Concen: 22.68 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.006 min
Lab File: VW018920.D
Acq: 04 May 2021 15:55

Tgt Ion:101 Resp: 121962
Ion Ratio Lower Upper
101 100
103 64.2 51.0 76.4

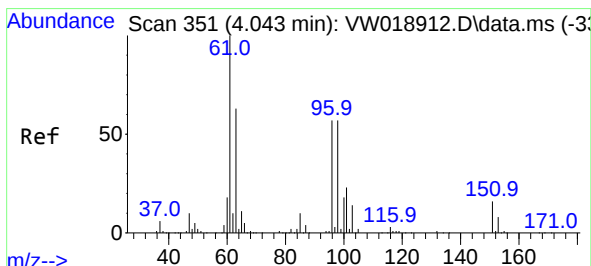
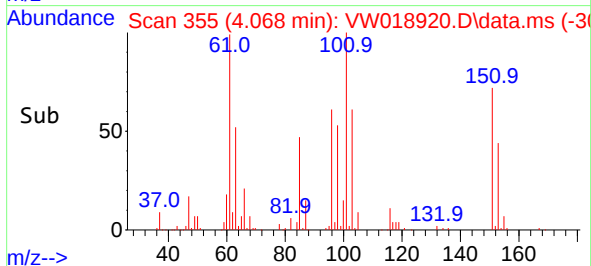
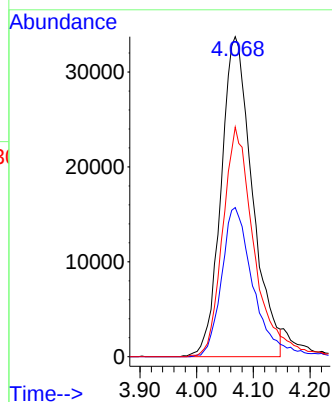
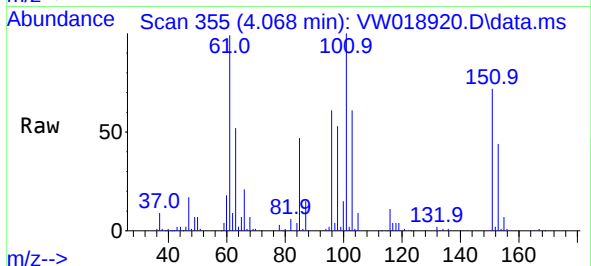




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 20.86 ug/L
RT: 4.068 min Scan# 355
Delta R.T. -0.006 min
Lab File: VW018920.D
Acq: 04 May 2021 15:55

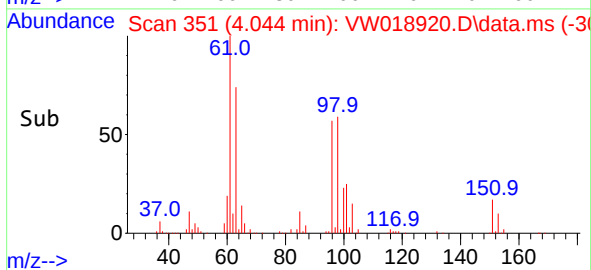
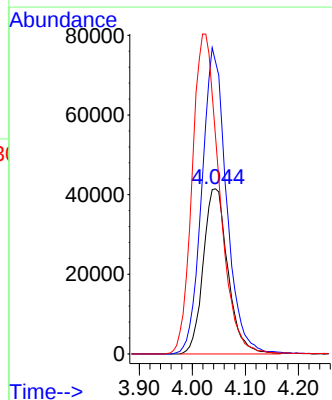
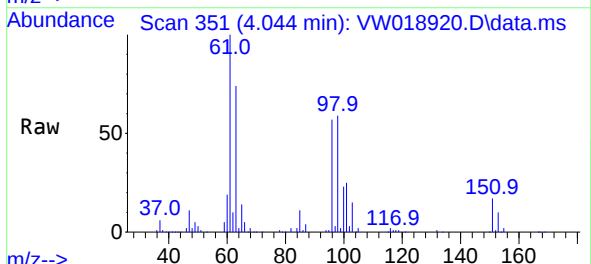
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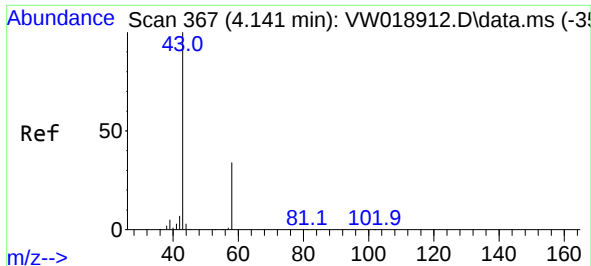
Tgt Ion:101 Resp: 129244
Ion Ratio Lower Upper
101 100
85 46.6 38.2 57.2
151 71.9 56.6 85.0



#12
1,1-Dichloroethene
Concen: 21.56 ug/L
RT: 4.044 min Scan# 351
Delta R.T. 0.000 min
Lab File: VW018920.D
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Tgt Ion: 96 Resp: 133789
Ion Ratio Lower Upper
96 100
61 176.7 118.1 219.3
63 131.3 83.7 155.5

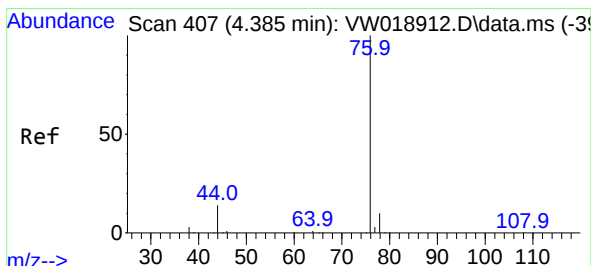
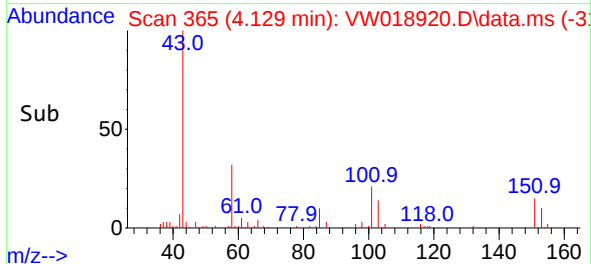
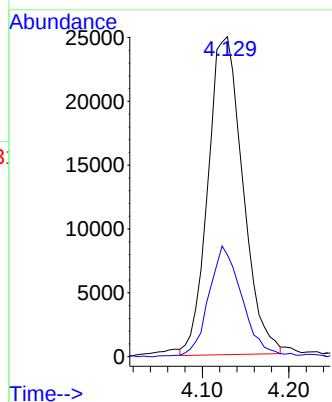
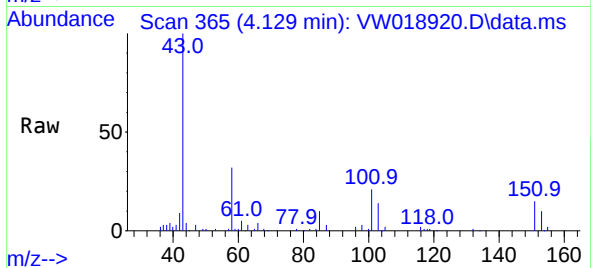




#13
Acetone
Concen: 56.85 ug/L
RT: 4.129 min Scan# 365
Delta R.T. -0.012 min
Lab File: VW018920.D
Acq: 04 May 2021 15:55

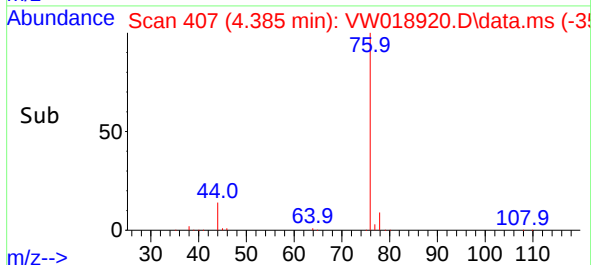
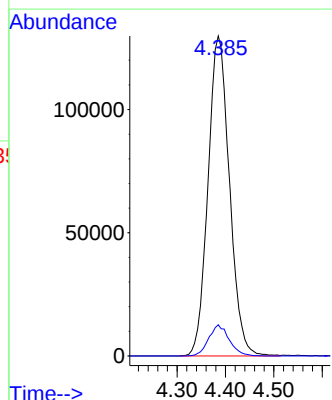
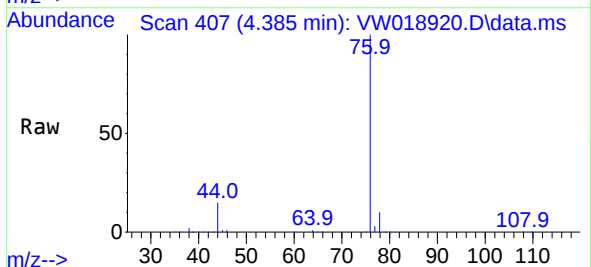
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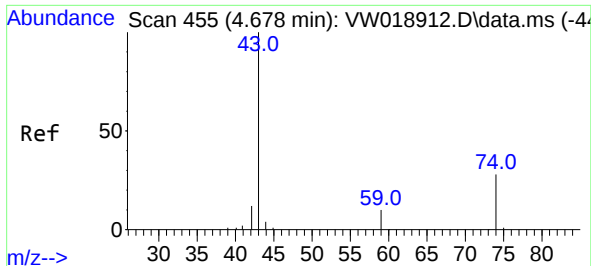
Tgt Ion: 43 Resp: 69720
Ion Ratio Lower Upper
43 100
58 33.3 0.0 53.8



#14
Carbon disulfide
Concen: 21.79 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 400184
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.0

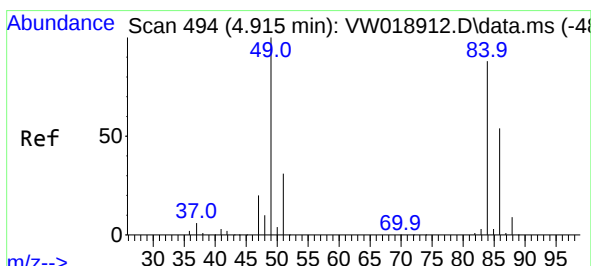
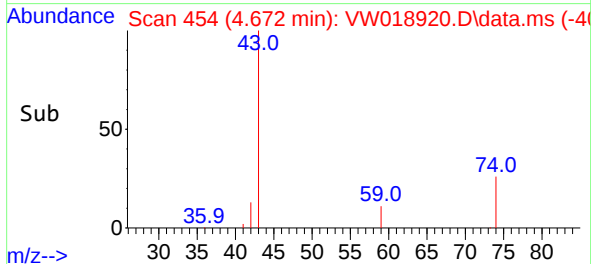
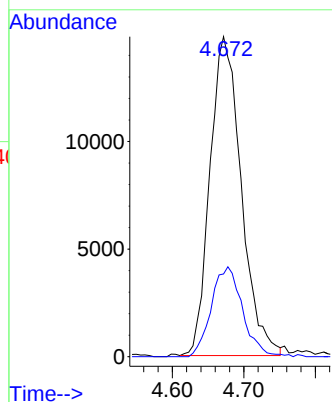
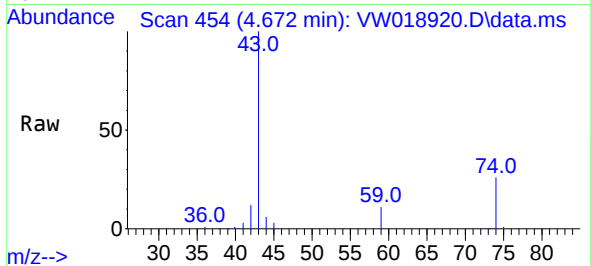




#15
Methyl Acetate
Concen: 18.00 ug/L
RT: 4.672 min Scan# 454
Delta R.T. -0.006 min
Lab File: VW018920.D
Acq: 04 May 2021 15:55

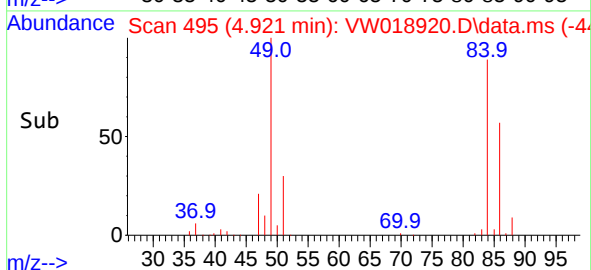
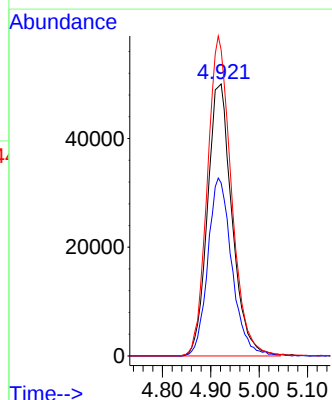
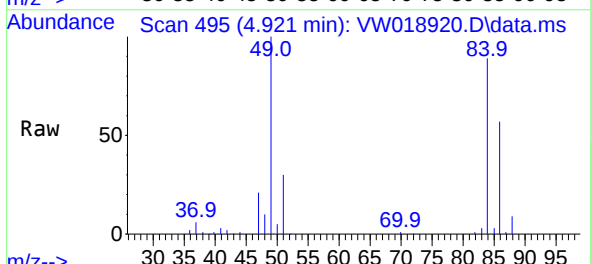
Instrument :
MSVOA_W
ClientSampled :

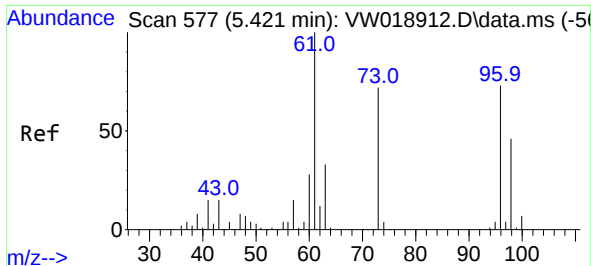
Tgt Ion: 43 Resp: 45012
Ion Ratio Lower Upper
43 100
74 28.1 20.0 30.0



#16
Methylene chloride
Concen: 22.25 ug/L
RT: 4.921 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018920.D
Acq: 04 May 2021 15:55

Tgt Ion: 84 Resp: 176231
Ion Ratio Lower Upper
84 100
86 63.6 45.3 84.1
49 112.4 86.6 160.8

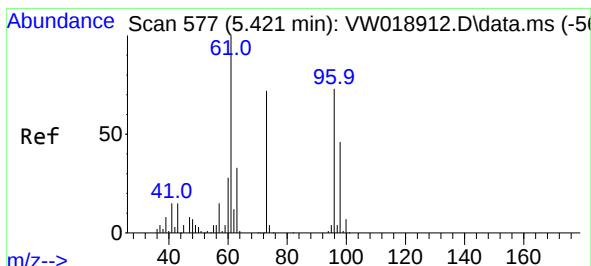
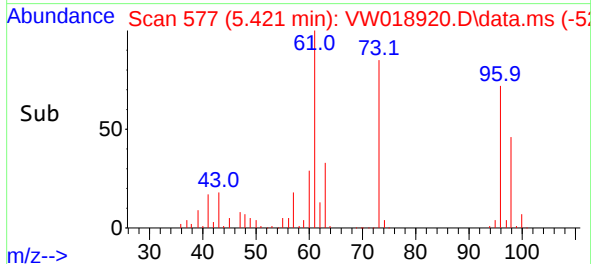
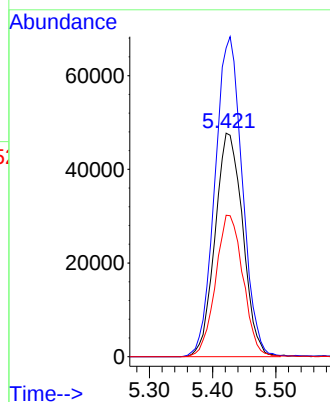
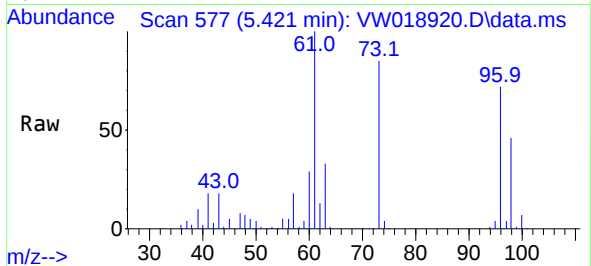




#17
trans-1,2-Dichloroethene
Concen: 21.80 ug/L
RT: 5.421 min Scan# 577
Delta R.T. 0.000 min
Lab File: VW018920.D
Acq: 04 May 2021 15:55

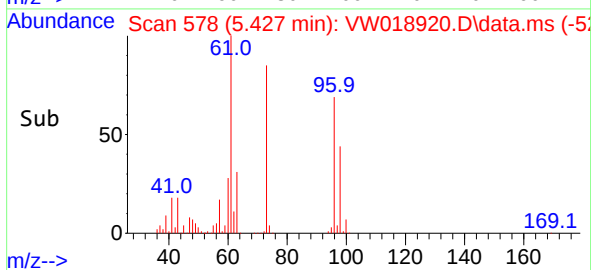
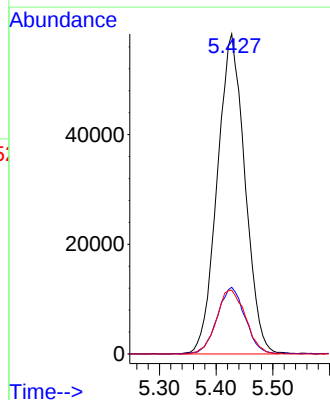
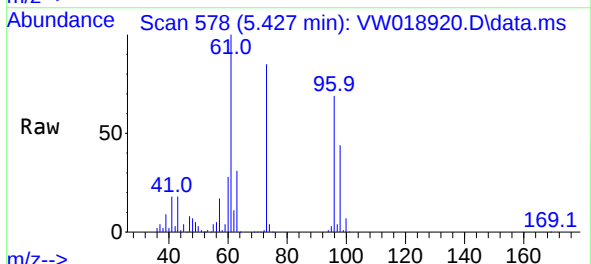
Instrument :
MSVOA_W
ClientSampled :

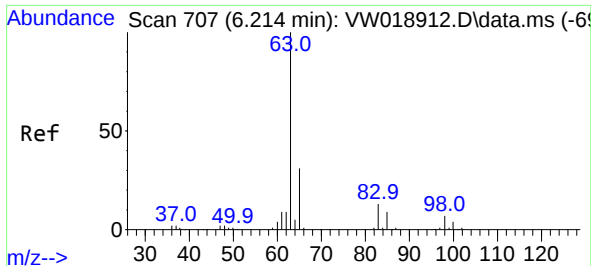
Tgt Ion: 96 Resp: 145011
Ion Ratio Lower Upper
96 100
61 138.1 98.3 182.7
98 63.3 46.1 85.7



#18
Methyl tert-butyl Ether
Concen: 21.54 ug/L
RT: 5.427 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW018920.D
Acq: 04 May 2021 15:55

Tgt Ion: 73 Resp: 197641
Ion Ratio Lower Upper
73 100
43 21.0 17.7 26.5
57 21.1 17.0 25.4





#19

1,1-Dichloroethane

Concen: 22.49 ug/L

RT: 6.214 min Scan# 707

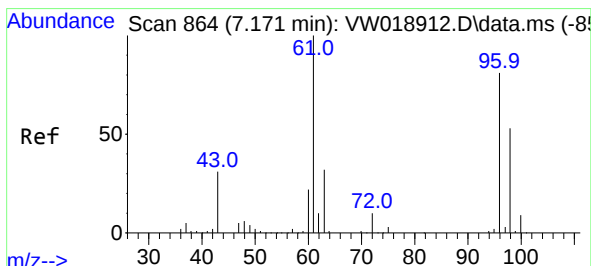
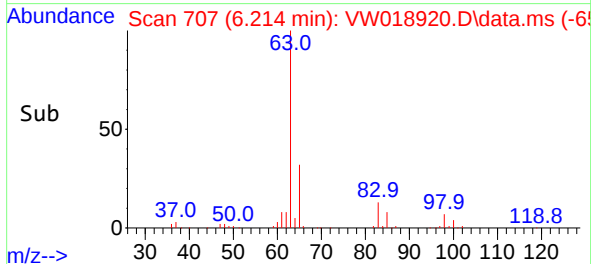
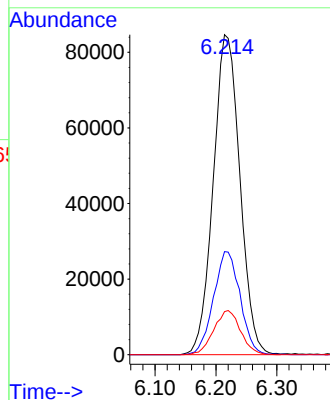
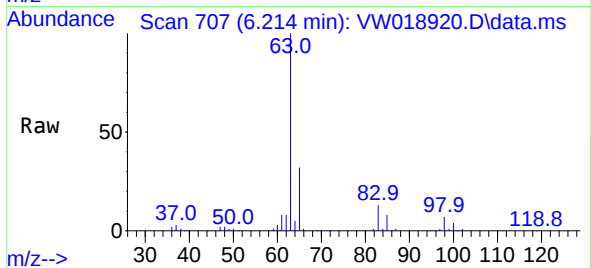
Delta R.T. 0.000 min

Lab File: VW018920.D

Acq: 04 May 2021 15:55

Tgt Ion:	63	Resp:	257024
Ion	Ratio	Lower	Upper
63	100		
65	32.2	22.9	42.5
83	13.5	10.2	19.0

Instrument :
MSVOA_W
ClientSampled :



#20

cis-1,2-Dichloroethene

Concen: 21.52 ug/L

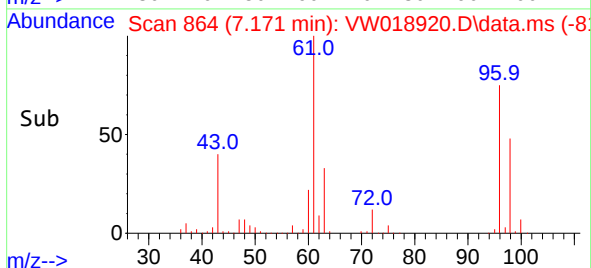
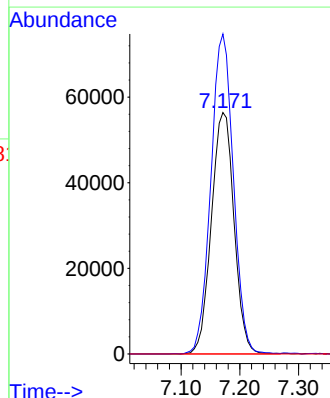
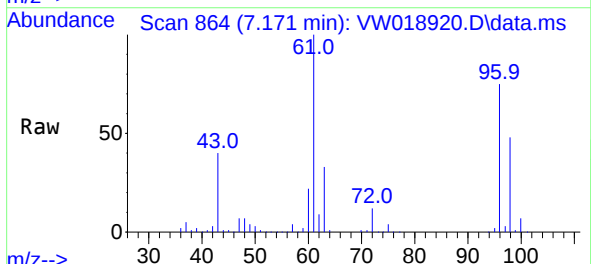
RT: 7.171 min Scan# 864

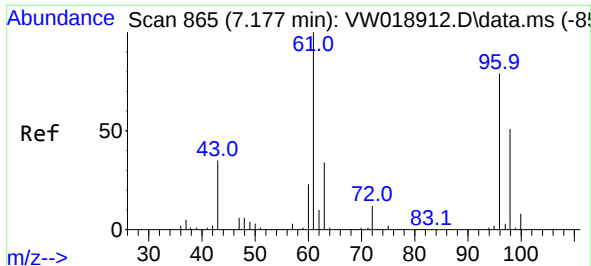
Delta R.T. 0.000 min

Lab File: VW018920.D

Acq: 04 May 2021 15:55

Tgt Ion:	96	Resp:	151179
Ion	Ratio	Lower	Upper
96	100		
61	132.5	88.5	164.3
68	0.0	0.0	0.0

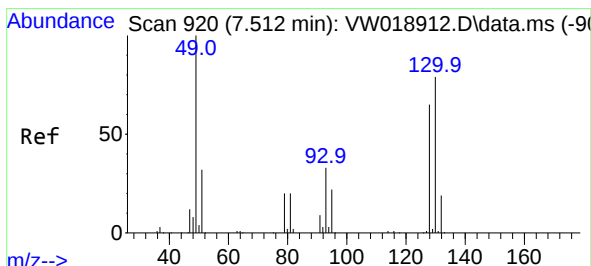
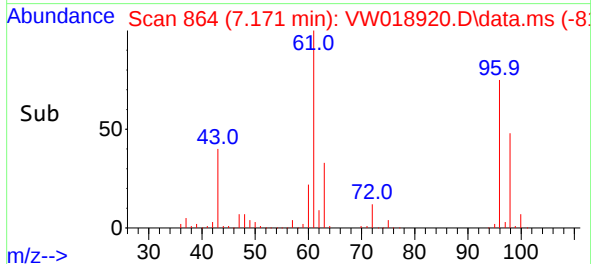
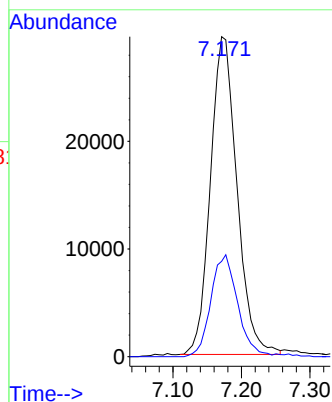
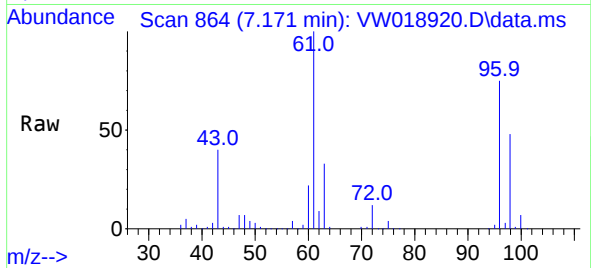




#22
2-Butanone
Concen: 46.74 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.006 min
Lab File: VW018920.D
Acq: 04 May 2021 15:55

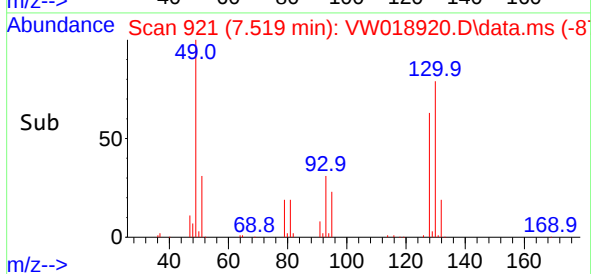
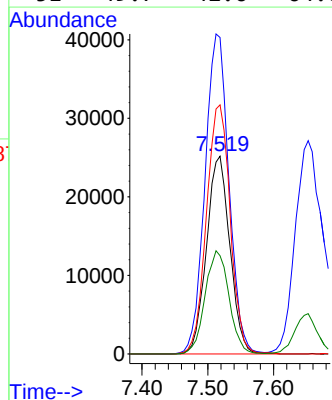
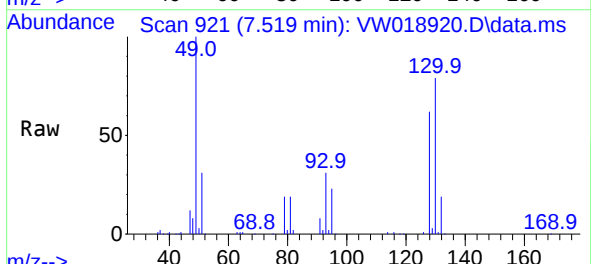
Instrument :
MSVOA_W
ClientSampled :

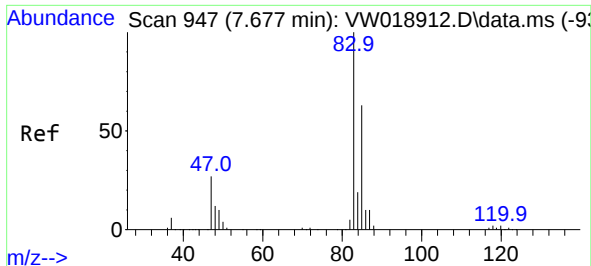
Tgt Ion: 43 Resp: 79476
Ion Ratio Lower Upper
43 100
72 32.2 14.9 44.7



#23
Bromochloromethane
Concen: 20.14 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW018920.D
Acq: 04 May 2021 15:55

Tgt Ion: 128 Resp: 62351
Ion Ratio Lower Upper
128 100
49 160.1 116.3 215.9
130 126.0 82.4 153.0
51 49.7 42.6 64.0

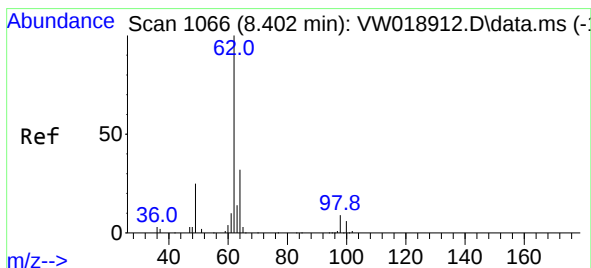
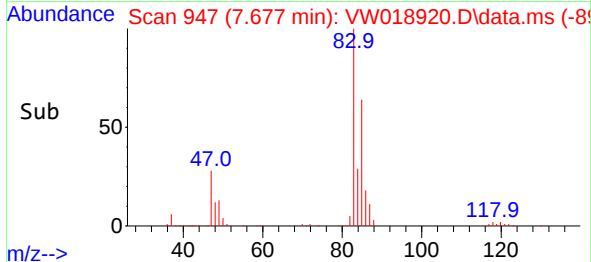
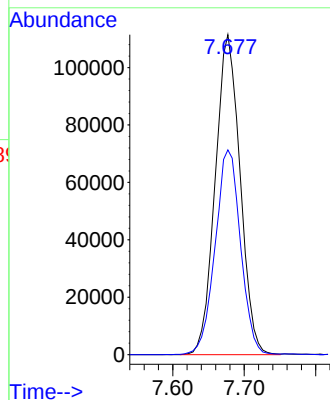
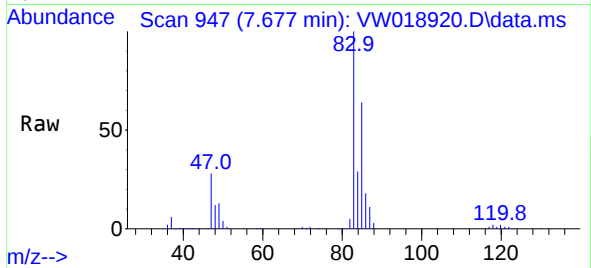




#25
Chloroform
Concen: 22.50 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW018920.D
Acq: 04 May 2021 15:55

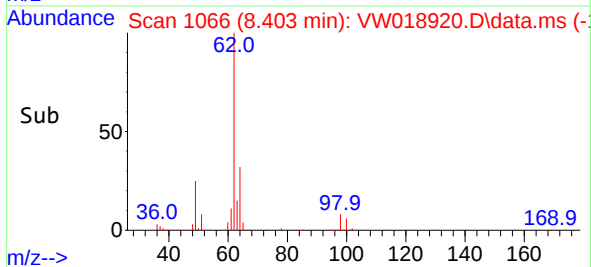
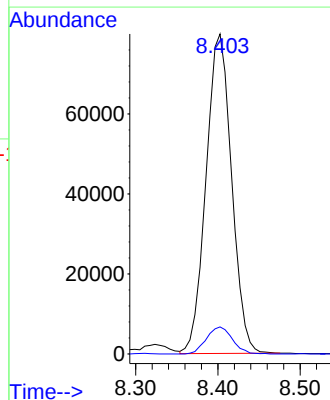
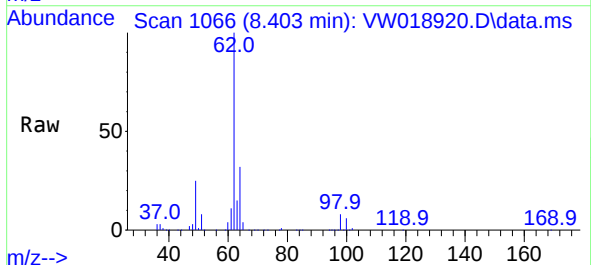
Instrument :
MSVOA_W
ClientSampled :

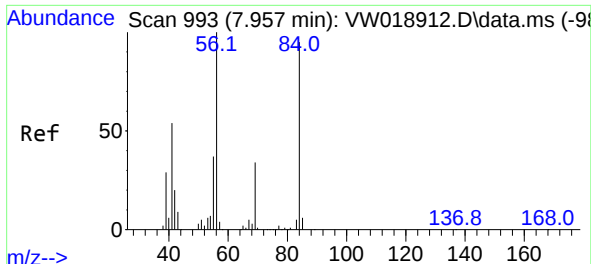
Tgt Ion: 83 Resp: 269120
Ion Ratio Lower Upper
83 100
85 64.0 44.6 82.8



#27
1,2-Dichloroethane
Concen: 21.19 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW018920.D
Acq: 04 May 2021 15:55

Tgt Ion: 62 Resp: 172587
Ion Ratio Lower Upper
62 100
98 8.5 6.9 10.3





#29

Cyclohexane

Concen: 22.20 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.000 min

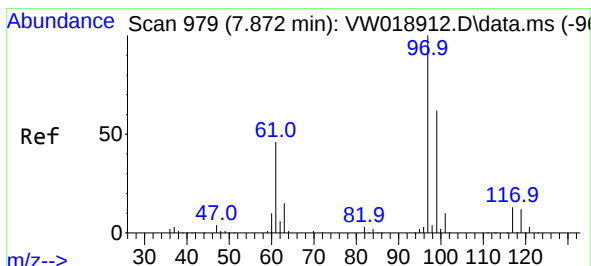
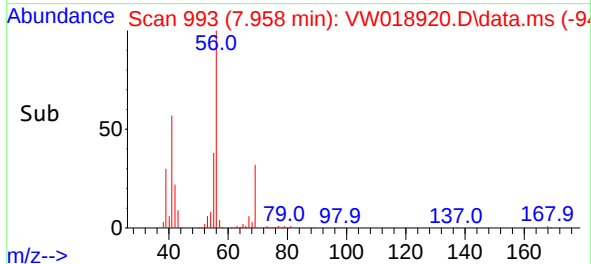
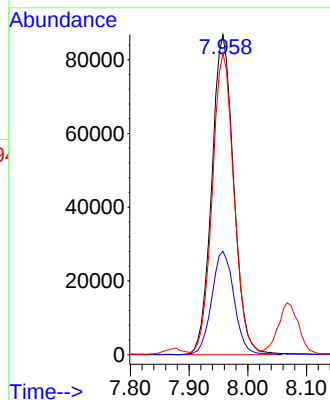
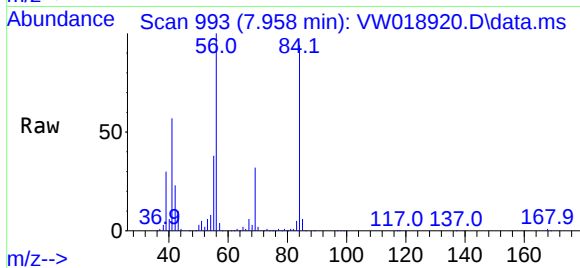
Lab File: VW018920.D

Acq: 04 May 2021 15:55

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 56 Resp: 225295

Ion	Ratio	Lower	Upper
56	100		
69	33.0	24.5	36.7
84	93.3	75.0	112.4



#30

1,1,1-Trichloroethane

Concen: 23.25 ug/L

RT: 7.872 min Scan# 979

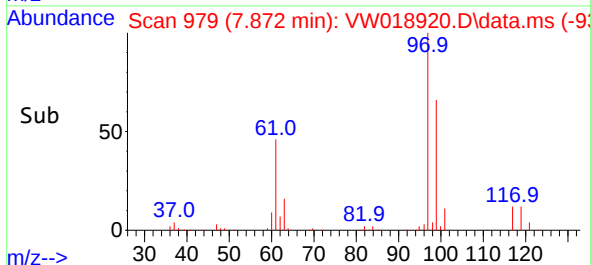
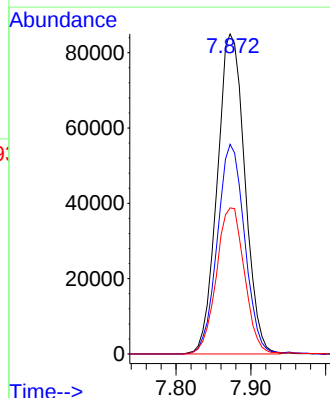
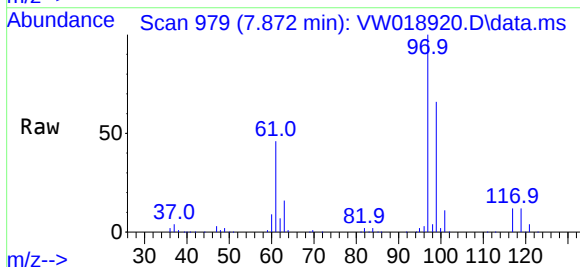
Delta R.T. 0.000 min

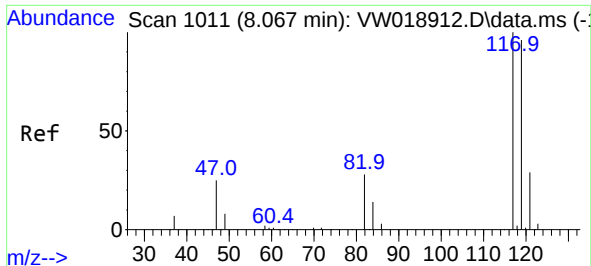
Lab File: VW018920.D

Acq: 04 May 2021 15:55

Tgt Ion: 97 Resp: 218134

Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.4	77.2
61	46.3	37.8	56.6

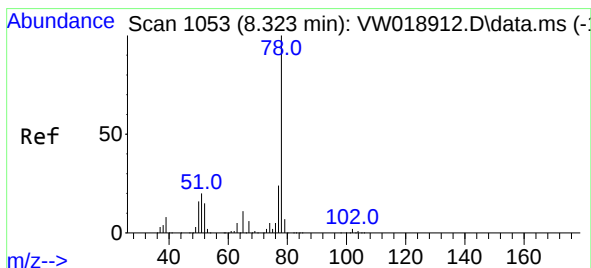
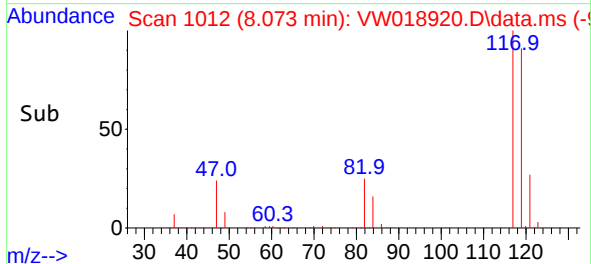
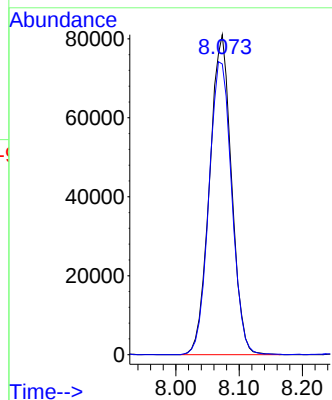
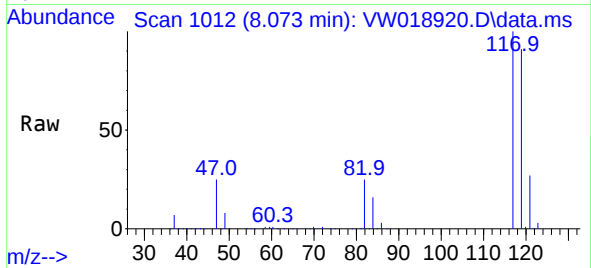




#31
Carbon tetrachloride
Concen: 22.81 ug/L
RT: 8.073 min Scan# 1012
Delta R.T. 0.006 min
Lab File: VW018920.D
Acq: 04 May 2021 15:55

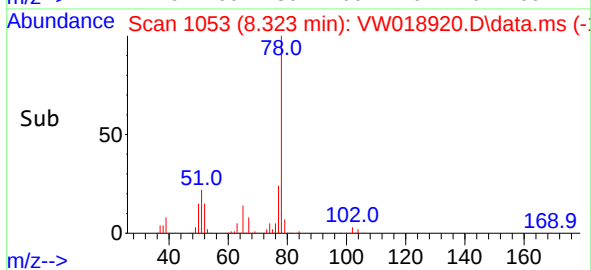
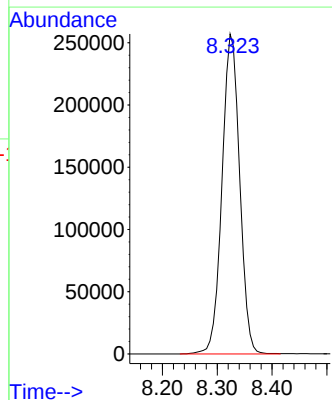
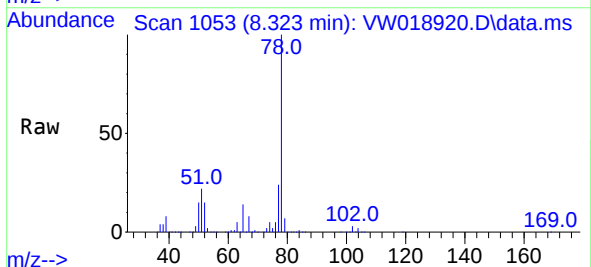
Instrument :
MSVOA_W
ClientSampled :

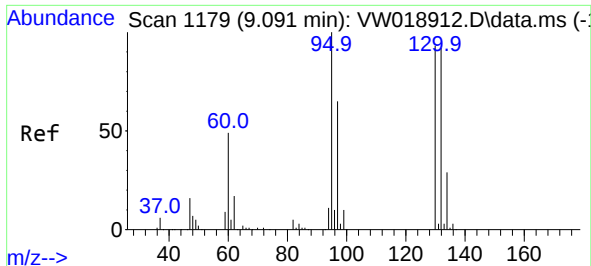
Tgt Ion:117 Resp: 195022
Ion Ratio Lower Upper
117 100
119 95.0 76.5 114.7



#33
Benzene
Concen: 22.73 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW018920.D
Acq: 04 May 2021 15:55

Tgt Ion: 78 Resp: 576375



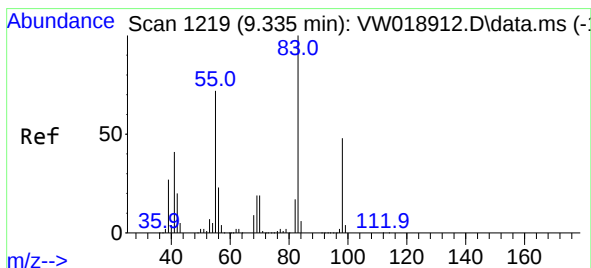
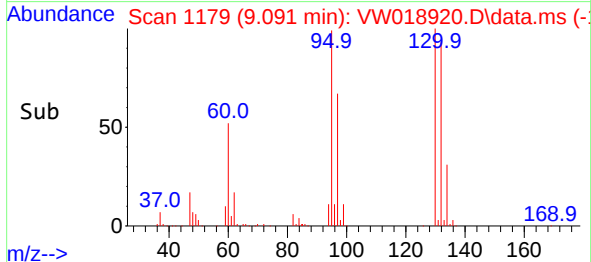
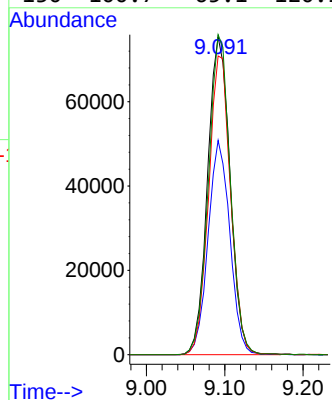
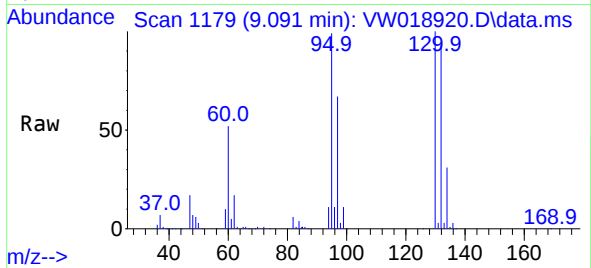


#34
Trichloroethene
Concen: 22.13 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW018920.D
Acq: 04 May 2021 15:55

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 95 Resp: 149654

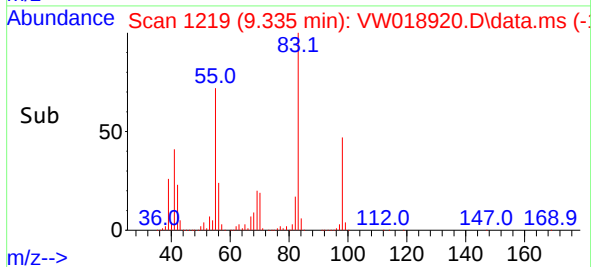
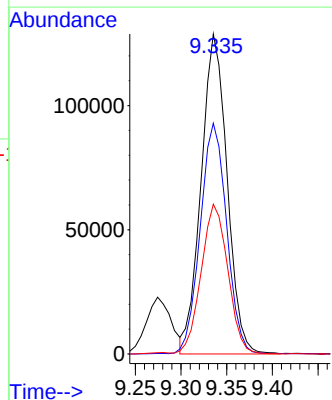
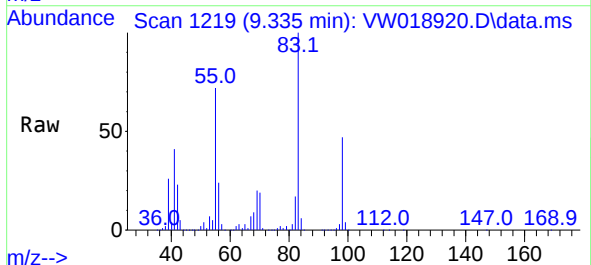
Ion	Ratio	Lower	Upper
95	100		
97	67.4	47.3	87.8
132	94.0	71.0	131.8
130	100.7	65.1	120.9

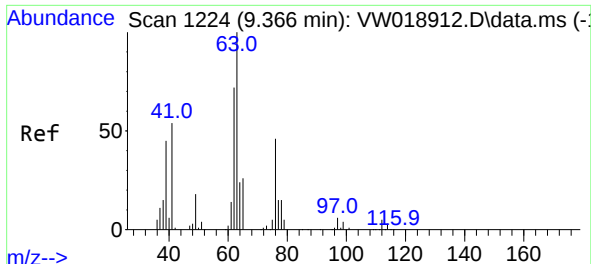


#35
Methylcyclohexane
Concen: 21.46 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW018920.D
Acq: 04 May 2021 15:55

Tgt Ion: 83 Resp: 255202

Ion	Ratio	Lower	Upper
83	100		
55	73.4	58.9	88.3
98	48.0	40.1	60.1

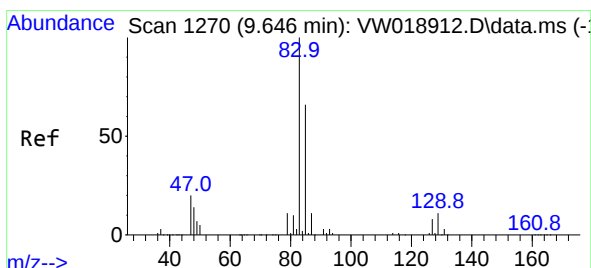
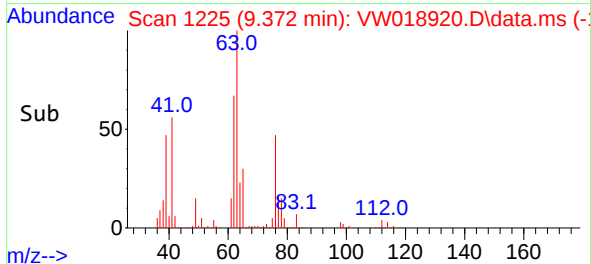
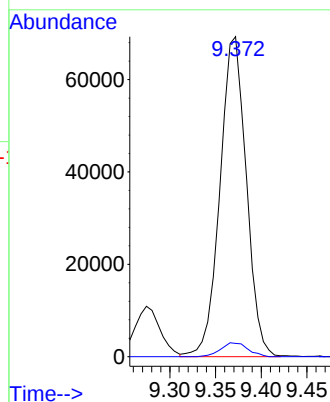
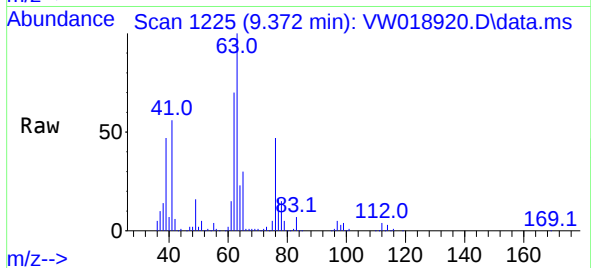




#37
1,2-Dichloropropane
Concen: 22.74 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VW018920.D
Acq: 04 May 2021 15:55

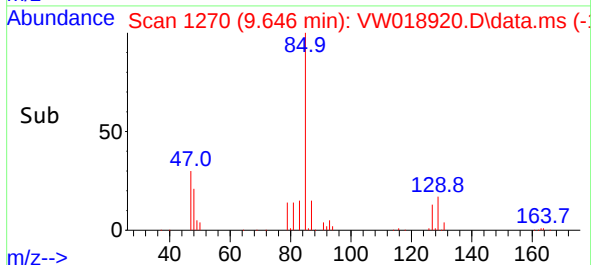
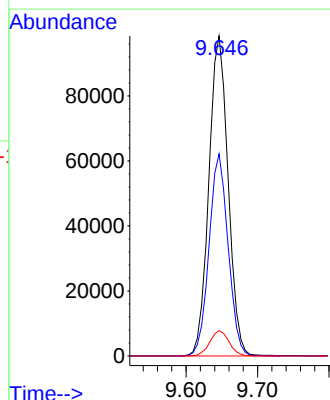
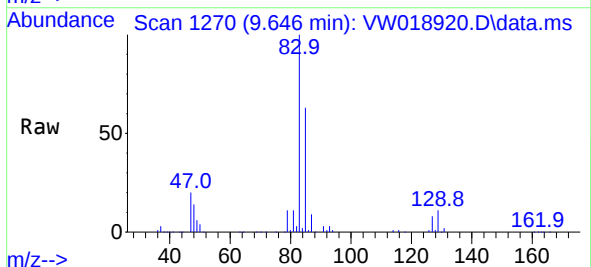
Instrument :
MSVOA_W
ClientSampled :

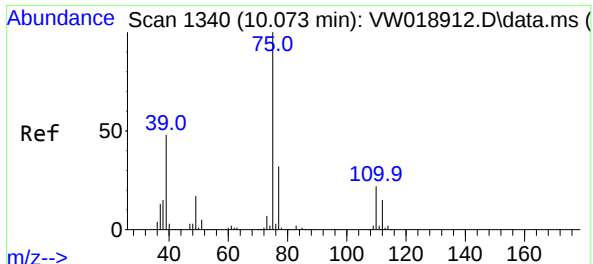
Tgt Ion: 63 Resp: 139015
Ion Ratio Lower Upper
63 100
112 4.5 3.9 5.9



#38
Bromodichloromethane
Concen: 22.81 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW018920.D
Acq: 04 May 2021 15:55

Tgt Ion: 83 Resp: 184116
Ion Ratio Lower Upper
83 100
85 63.1 42.3 78.5
127 7.9 6.6 9.8

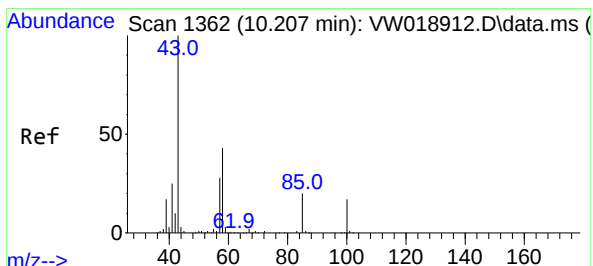
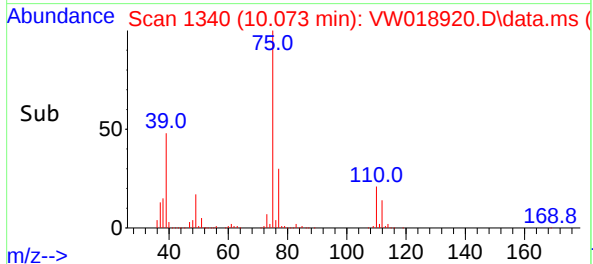
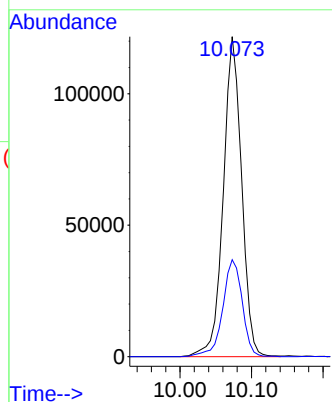
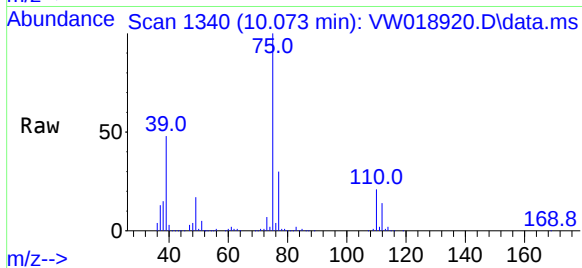




#39
cis-1,3-Dichloropropene
Concen: 22.28 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW018920.D
Acq: 04 May 2021 15:55

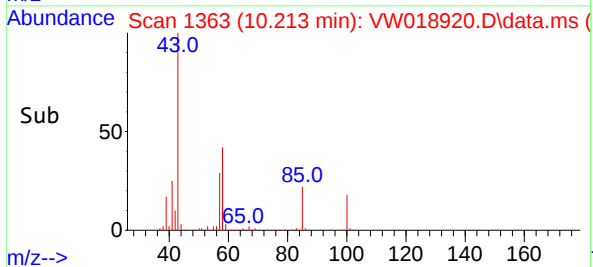
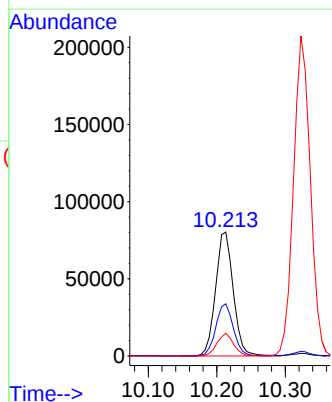
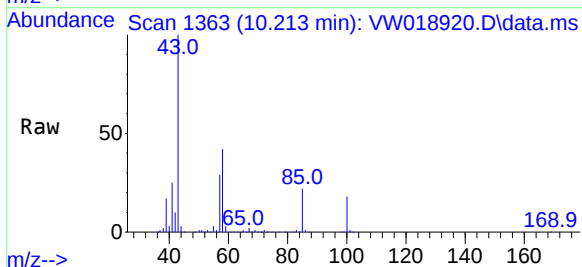
Instrument :
MSVOA_W
ClientSampled :

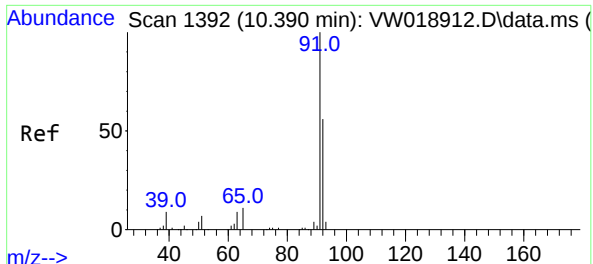
Tgt Ion: 75 Resp: 216930
Ion Ratio Lower Upper
75 100
77 30.3 22.6 42.0



#40
4-Methyl-2-pentanone
Concen: 37.89 ug/L
RT: 10.213 min Scan# 1363
Delta R.T. 0.006 min
Lab File: VW018920.D
Acq: 04 May 2021 15:55

Tgt Ion: 43 Resp: 143821
Ion Ratio Lower Upper
43 100
58 41.7 31.0 46.4
100 17.1 13.0 19.6

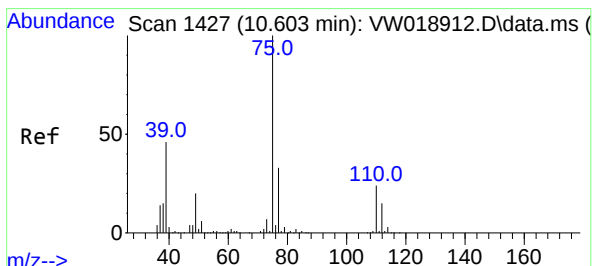
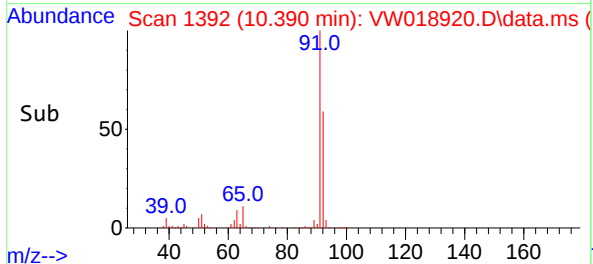
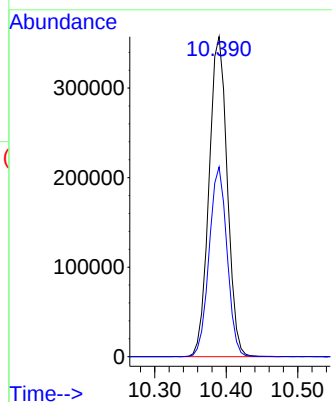
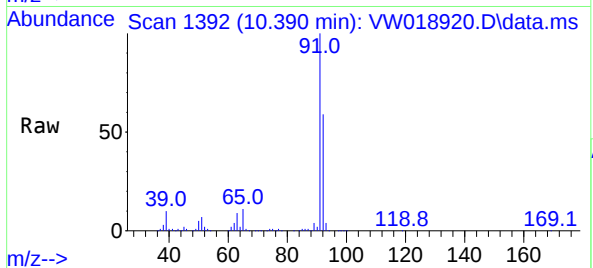




#42
Toluene
Concen: 22.67 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW018920.D
Acq: 04 May 2021 15:55

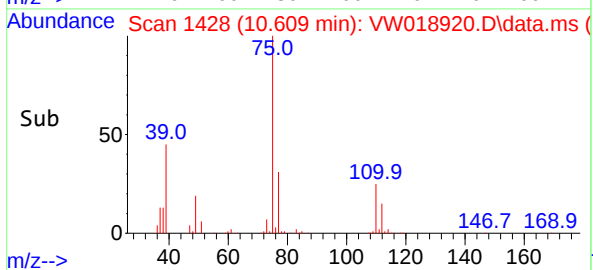
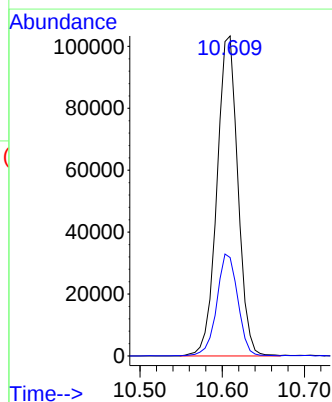
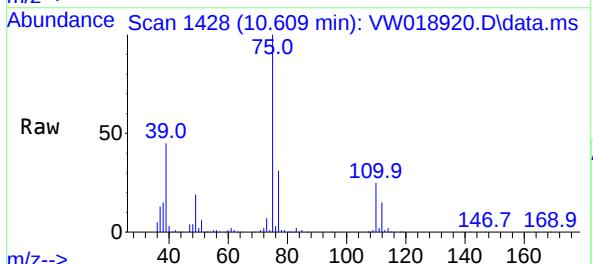
Instrument :
MSVOA_W
ClientSampled :

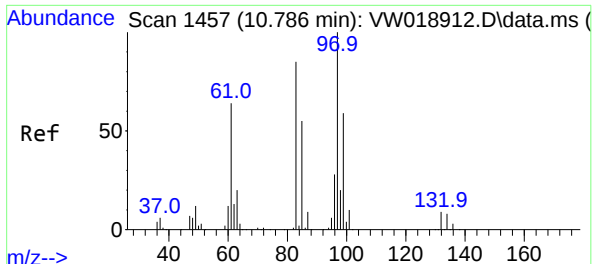
Tgt Ion: 91 Resp: 632497
Ion Ratio Lower Upper
91 100
92 59.3 39.5 73.3



#44
trans-1,3-Dichloropropene
Concen: 21.47 ug/L
RT: 10.609 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VW018920.D
Acq: 04 May 2021 15:55

Tgt Ion: 75 Resp: 183247
Ion Ratio Lower Upper
75 100
77 30.8 21.1 39.1



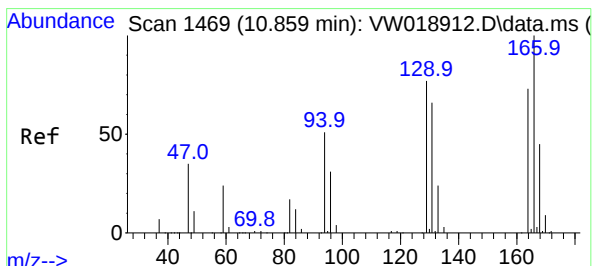
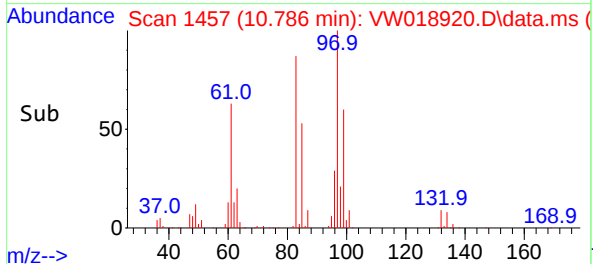
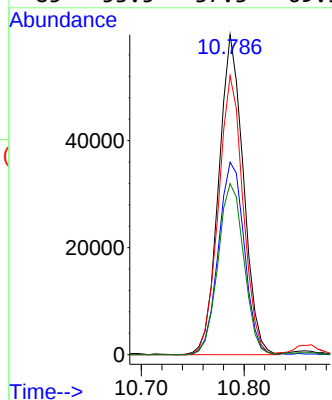
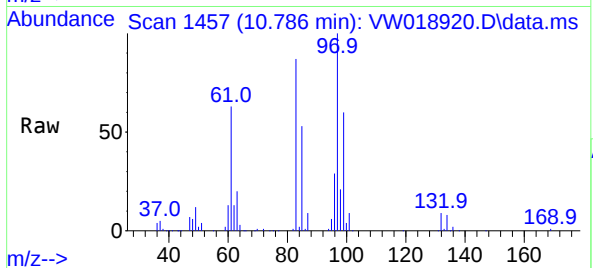


#45
1,1,2-Trichloroethane
Concen: 20.57 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW018920.D
Acq: 04 May 2021 15:55

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 97 Resp: 99827

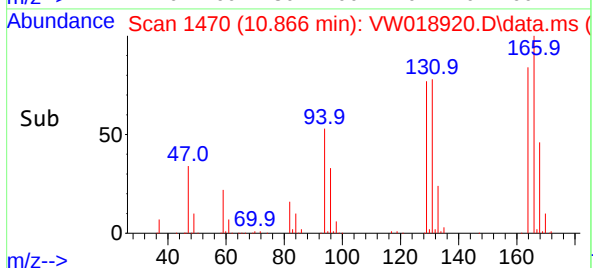
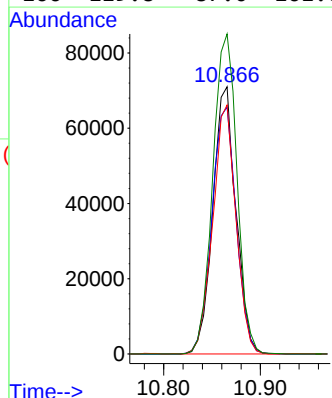
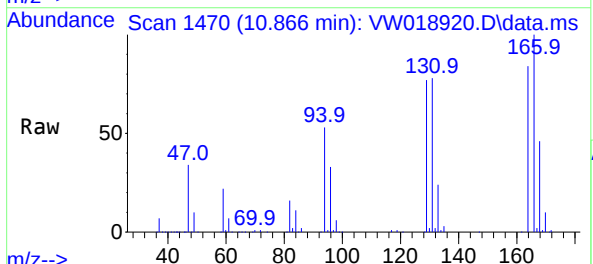
Ion	Ratio	Lower	Upper
97	100		
99	60.1	45.1	83.7
83	87.1	58.1	107.9
85	53.5	37.3	69.3

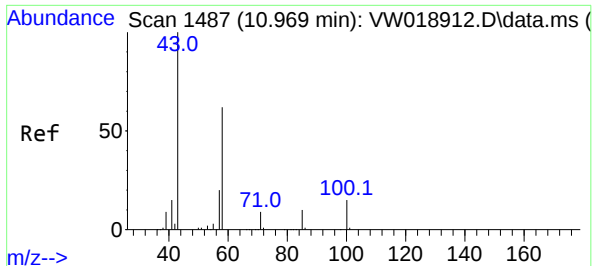


#46
Tetrachloroethene
Concen: 23.22 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW018920.D
Acq: 04 May 2021 15:55

Tgt Ion: 164 Resp: 118086

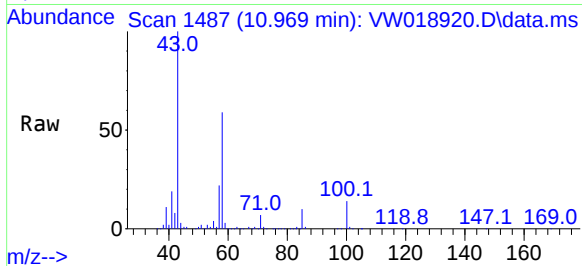
Ion	Ratio	Lower	Upper
164	100		
129	92.4	66.7	123.9
131	93.2	61.1	113.5
166	119.8	87.0	161.6



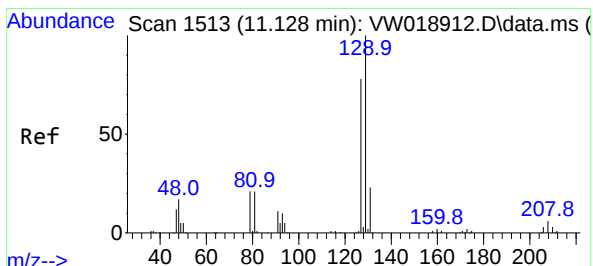
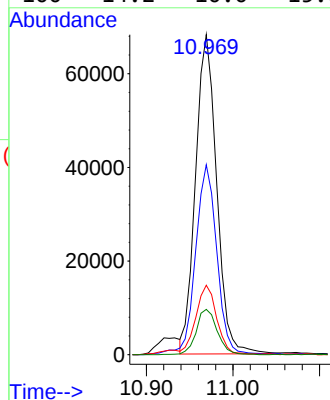
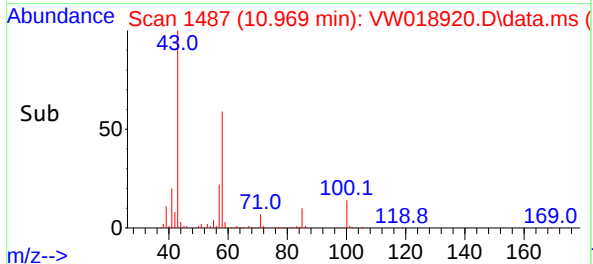


#48
2-Hexanone
Concen: 46.86 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW018920.D
Acq: 04 May 2021 15:55

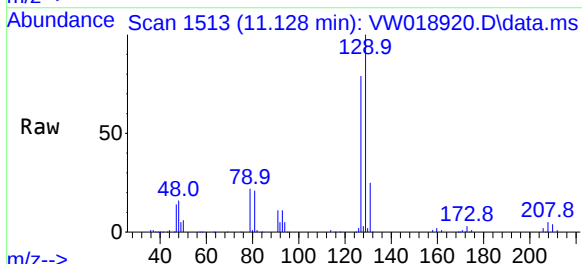
Instrument :
MSVOA_W
ClientSampled :



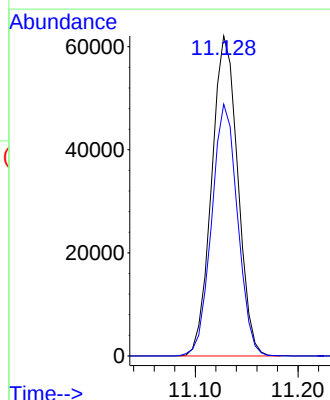
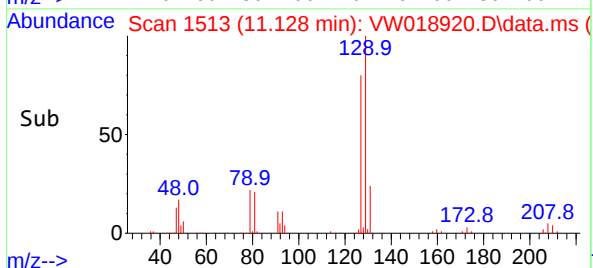
Tgt Ion: 43 Resp: 115837
Ion Ratio Lower Upper
43 100
58 60.0 42.7 64.1
57 21.6 15.8 23.8
100 14.2 10.0 15.0

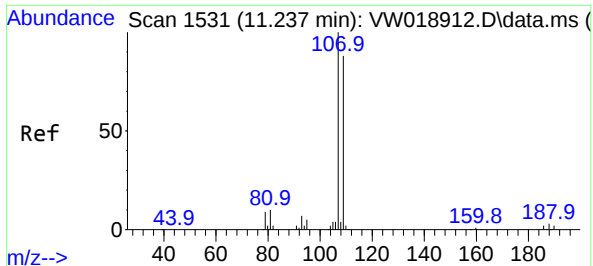


#49
Dibromochloromethane
Concen: 20.84 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW018920.D
Acq: 04 May 2021 15:55



Tgt Ion: 129 Resp: 109559
Ion Ratio Lower Upper
129 100
127 78.7 51.7 95.9

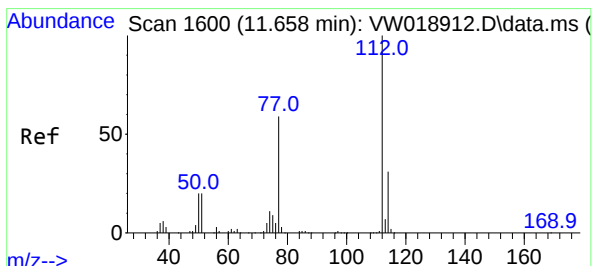
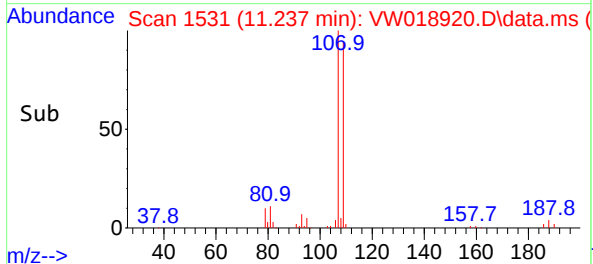
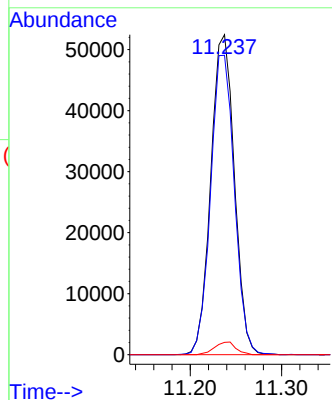
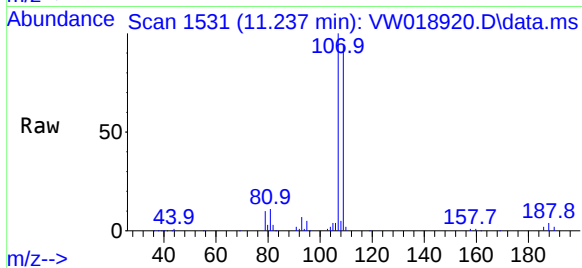




#50
1,2-Dibromoethane
Concen: 19.96 ug/L
RT: 11.237 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VW018920.D
Acq: 04 May 2021 15:55

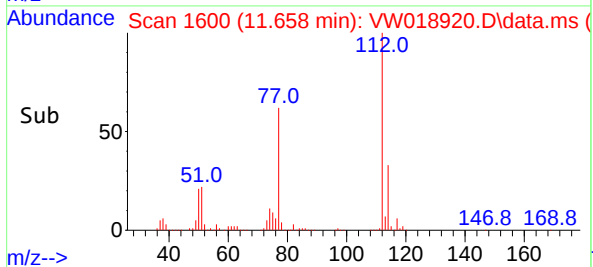
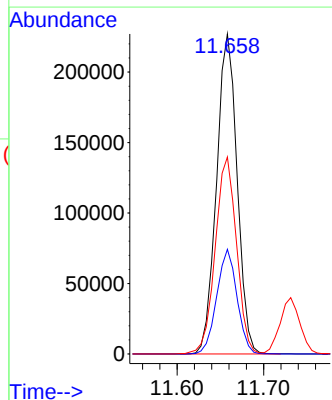
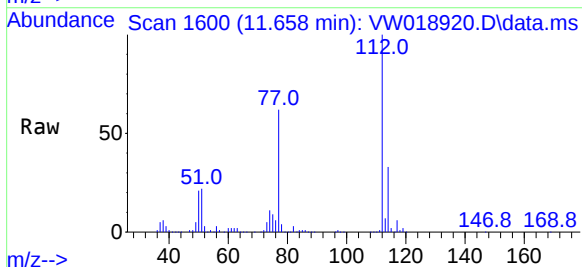
Instrument :
MSVOA_W
ClientSampled :

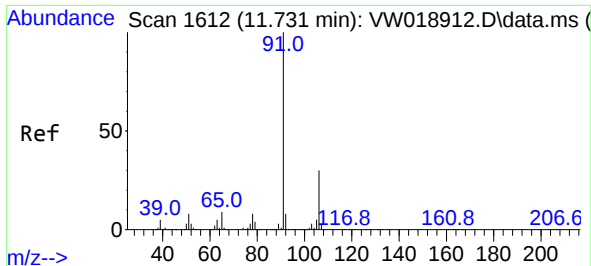
Tgt Ion:	107	Resp:	93950
Ion	Ratio	Lower	Upper
107	100		
109	93.6	65.4	121.4
188	3.8	2.6	4.0



#51
Chlorobenzene
Concen: 22.00 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW018920.D
Acq: 04 May 2021 15:55

Tgt Ion:	112	Resp:	375328
Ion	Ratio	Lower	Upper
112	100		
114	32.7	23.4	43.6
77	61.6	47.6	71.4

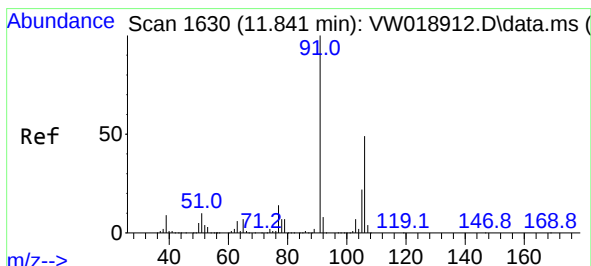
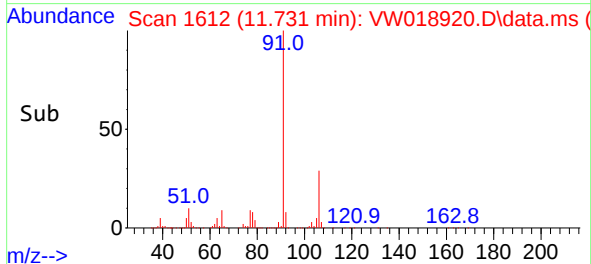
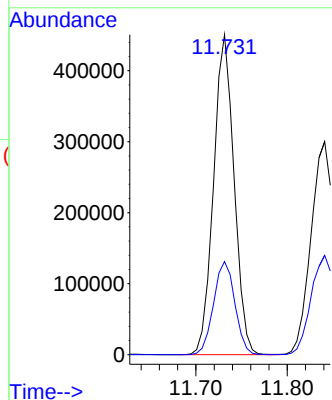
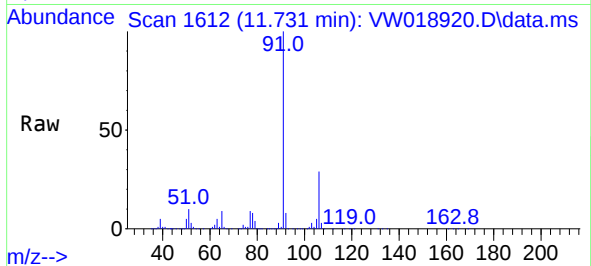




#52
Ethylbenzene
Concen: 22.69 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW018920.D
Acq: 04 May 2021 15:55

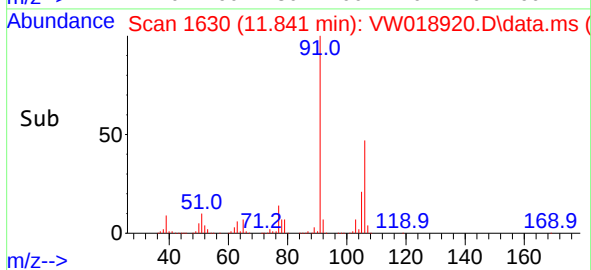
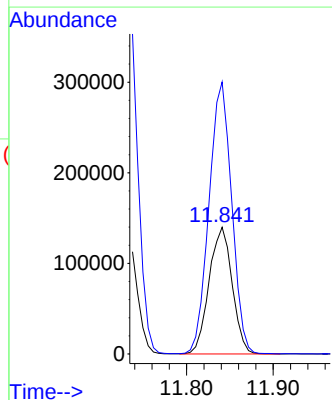
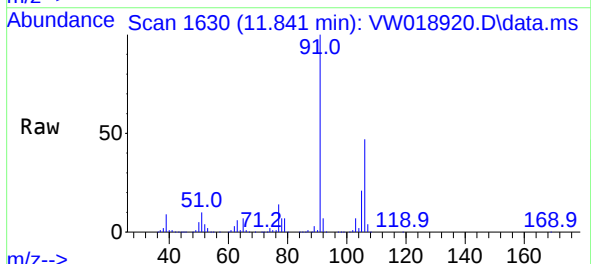
Instrument :
MSVOA_W
ClientSampled :

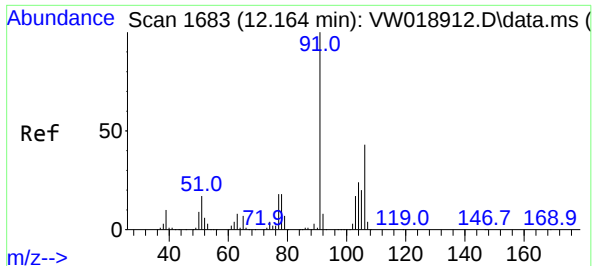
Tgt Ion: 91 Resp: 701936
Ion Ratio Lower Upper
91 100
106 29.1 22.5 41.7



#53
m,p-Xylene
Concen: 22.54 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW018920.D
Acq: 04 May 2021 15:55

Tgt Ion:106 Resp: 259019
Ion Ratio Lower Upper
106 100
91 214.5 141.3 262.3

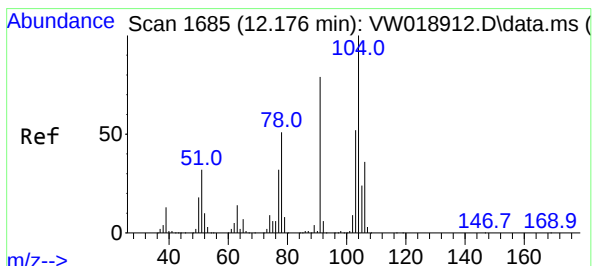
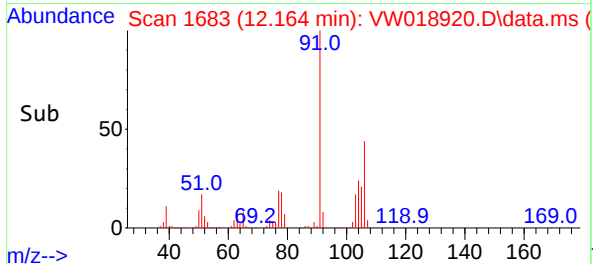
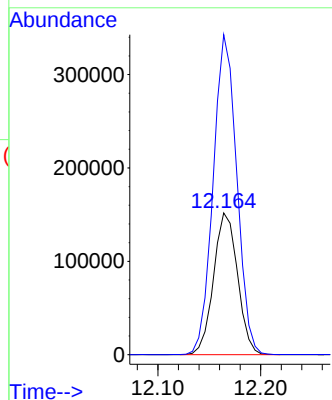
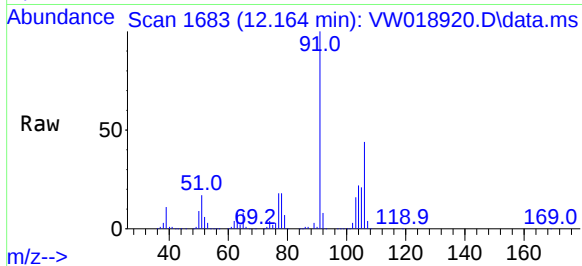




#54
o-Xylene
Concen: 22.45 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW018920.D
Acq: 04 May 2021 15:55

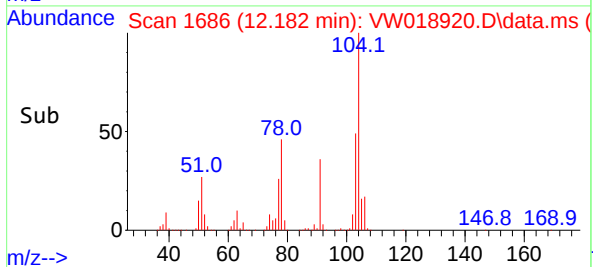
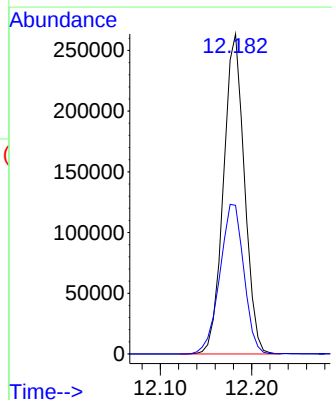
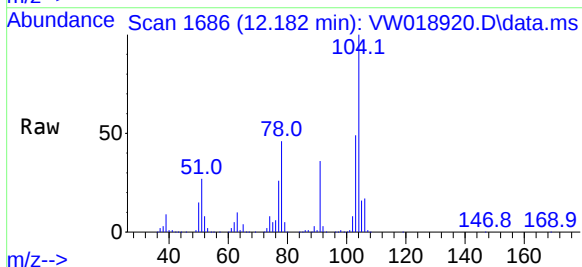
Instrument :
MSVOA_W
ClientSampled :

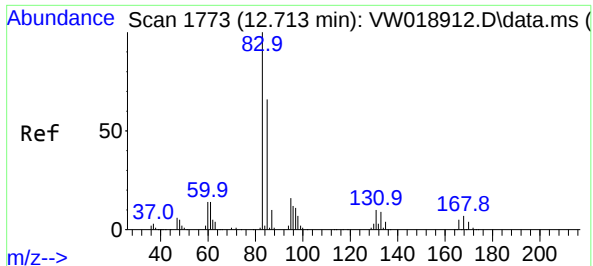
Tgt Ion:106 Resp: 245876
Ion Ratio Lower Upper
106 100
91 225.8 150.0 278.6



#55
Styrene
Concen: 22.83 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW018920.D
Acq: 04 May 2021 15:55

Tgt Ion:104 Resp: 420353
Ion Ratio Lower Upper
104 100
78 46.5 32.5 60.3



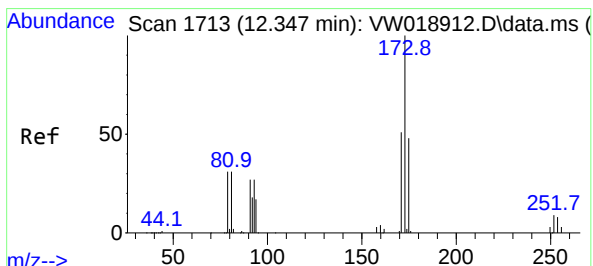
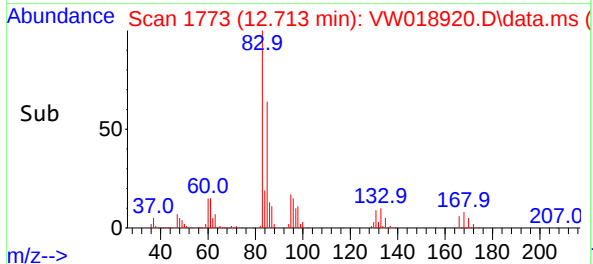
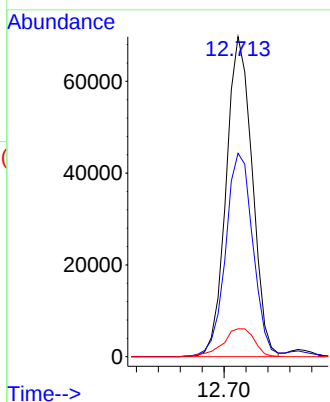
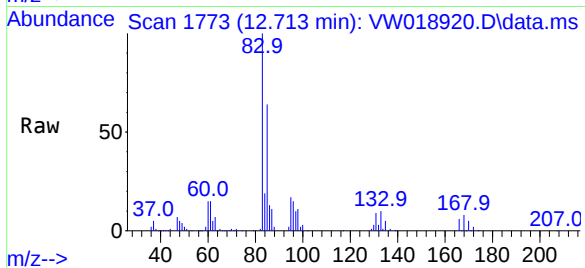


#57
1,1,2,2-Tetrachloroethane
Concen: 19.61 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW018920.D
Acq: 04 May 2021 15:55

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 83 Resp: 115088

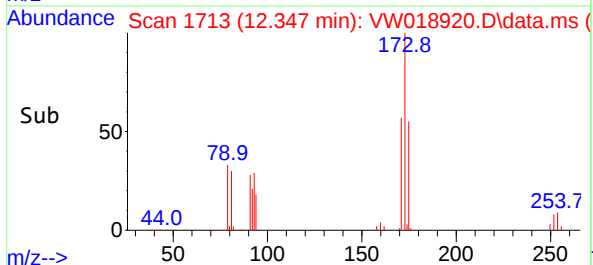
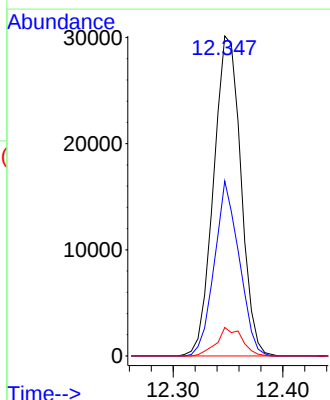
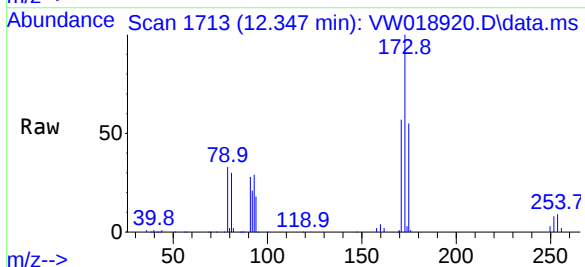
Ion	Ratio	Lower	Upper
83	100		
85	63.6	44.4	82.4
131	8.7	8.2	12.4

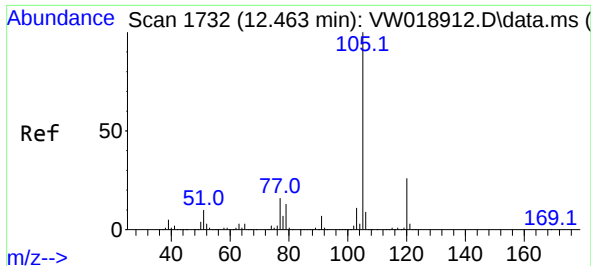


#59
Bromoform
Concen: 18.07 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW018920.D
Acq: 04 May 2021 15:55

Tgt Ion: 173 Resp: 52186

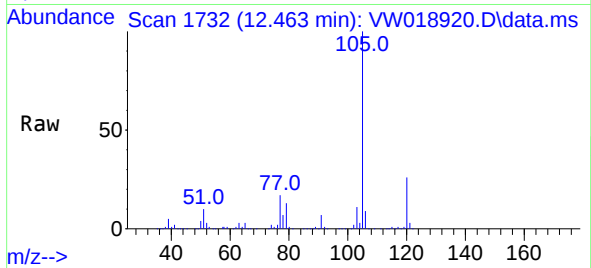
Ion	Ratio	Lower	Upper
173	100		
175	49.7	37.5	56.3
254	8.3	7.0	10.4



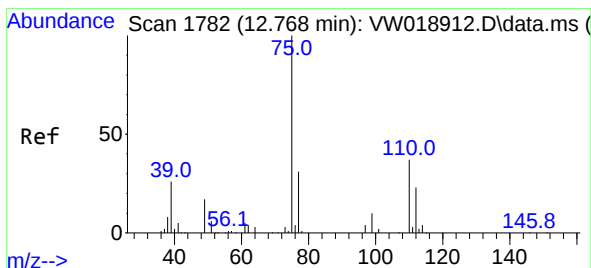
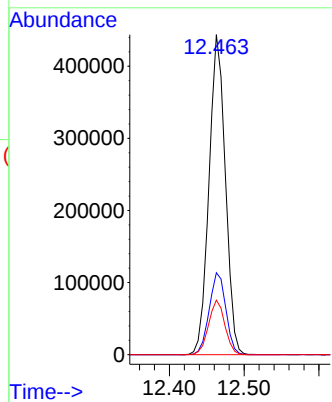
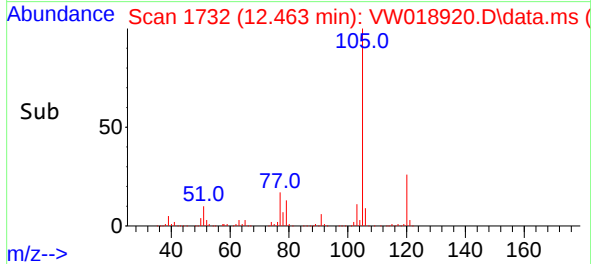


#60
Isopropylbenzene
Concen: 22.63 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW018920.D
Acq: 04 May 2021 15:55

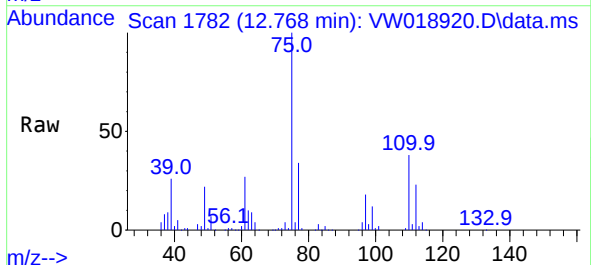
Instrument :
MSVOA_W
ClientSampled :



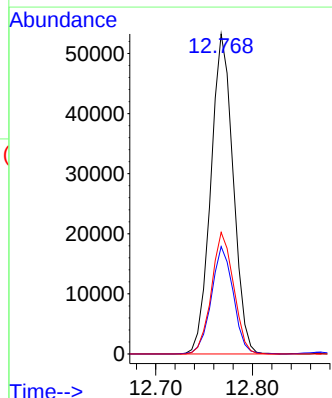
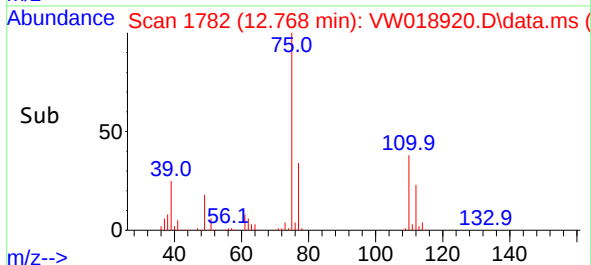
Tgt Ion:105 Resp: 674317
Ion Ratio Lower Upper
105 100
120 26.0 21.1 31.7
77 17.0 13.2 19.8

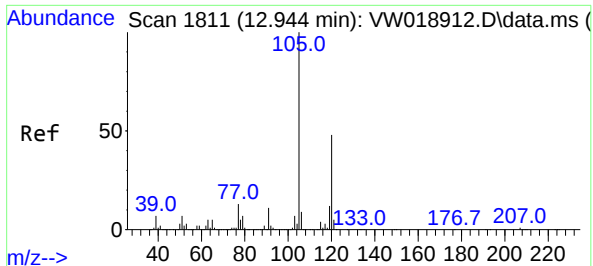


#61
1,2,3-Trichloropropane
Concen: 19.30 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW018920.D
Acq: 04 May 2021 15:55



Tgt Ion: 75 Resp: 85429
Ion Ratio Lower Upper
75 100
77 32.9 25.3 37.9
110 37.6 32.6 48.8

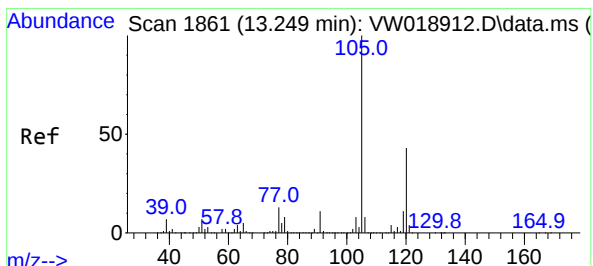
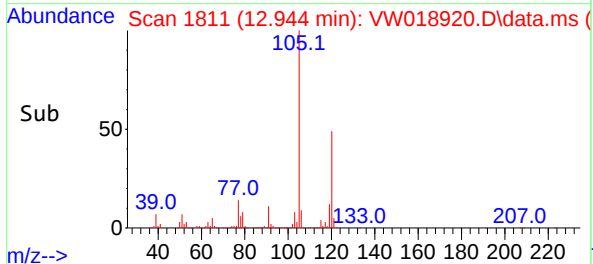
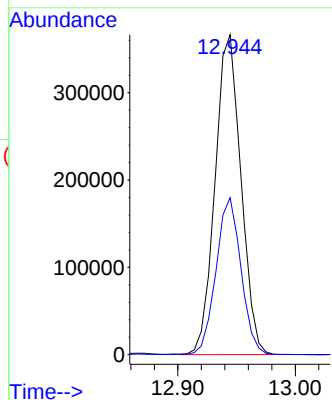
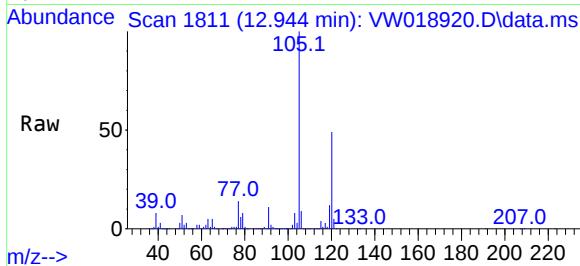




#62
1,3,5-Trimethylbenzene
Concen: 22.51 ug/L
RT: 12.944 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW018920.D
Acq: 04 May 2021 15:55

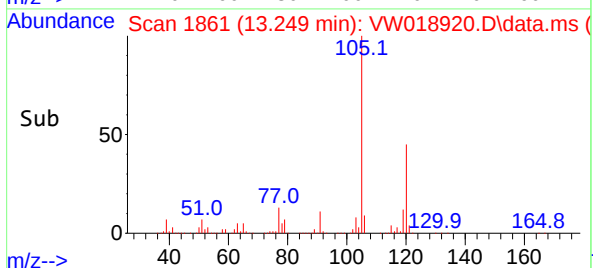
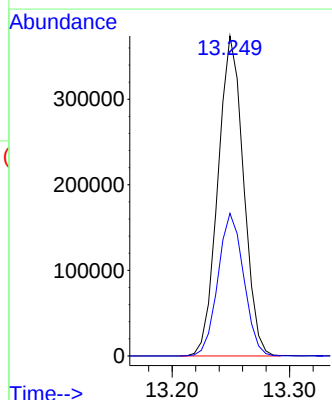
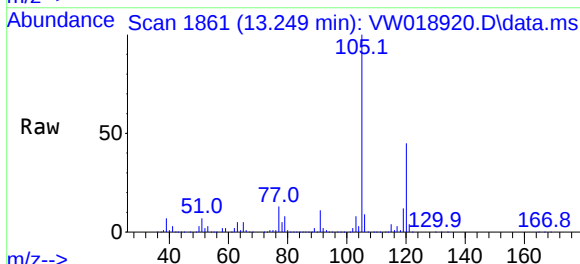
Instrument :
MSVOA_W
ClientSampled :

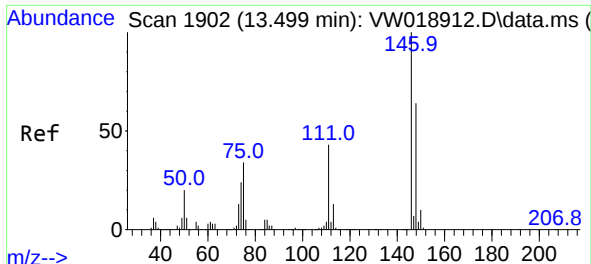
Tgt Ion:105 Resp: 559839
Ion Ratio Lower Upper
105 100
120 47.4 39.0 58.6



#63
1,2,4-Trimethylbenzene
Concen: 22.76 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW018920.D
Acq: 04 May 2021 15:55

Tgt Ion:105 Resp: 566293
Ion Ratio Lower Upper
105 100
120 44.7 35.6 53.4

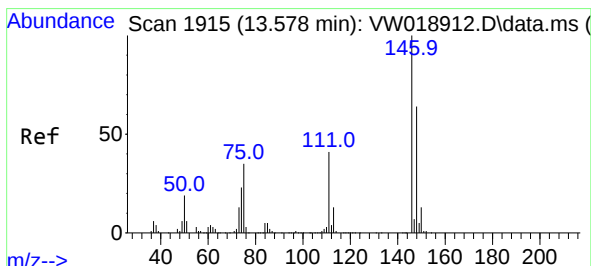
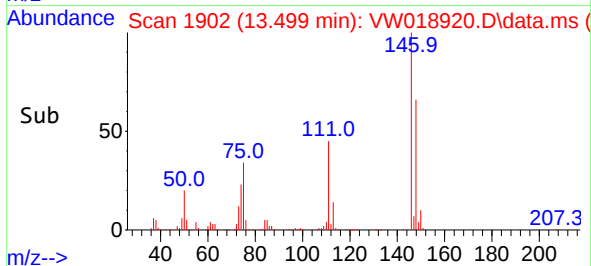
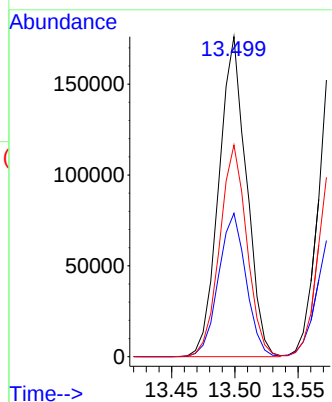
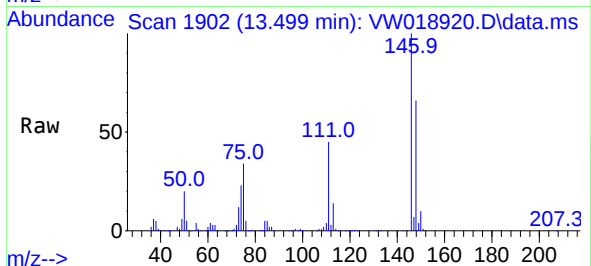




#64
1,3-Dichlorobenzene
Concen: 21.24 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW018920.D
Acq: 04 May 2021 15:55

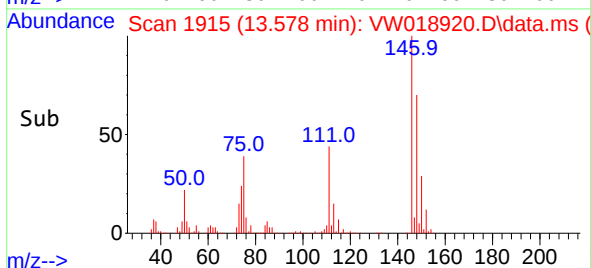
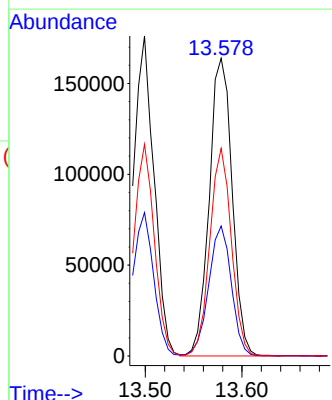
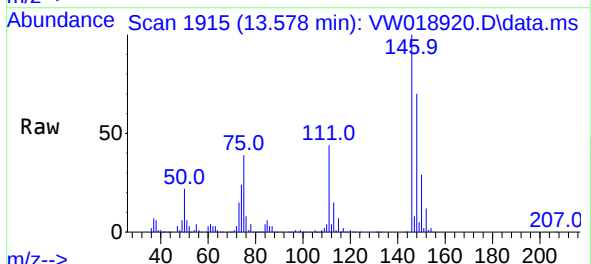
Instrument :
MSVOA_W
ClientSampleId :

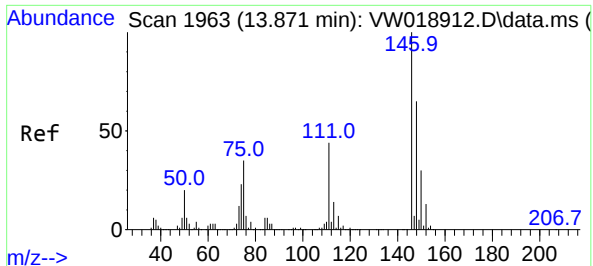
Tgt Ion:146 Resp: 267019
Ion Ratio Lower Upper
146 100
111 44.8 26.7 49.7
148 66.2 41.1 76.3



#65
1,4-Dichlorobenzene
Concen: 21.27 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW018920.D
Acq: 04 May 2021 15:55

Tgt Ion:146 Resp: 269971
Ion Ratio Lower Upper
146 100
111 43.7 28.8 53.4
148 69.7 46.8 87.0

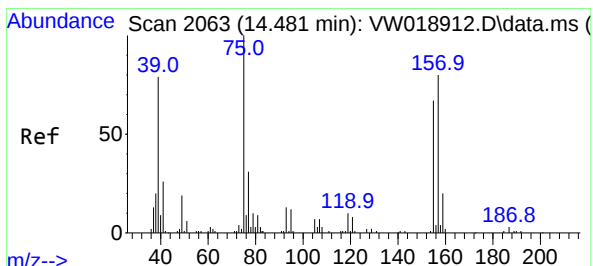
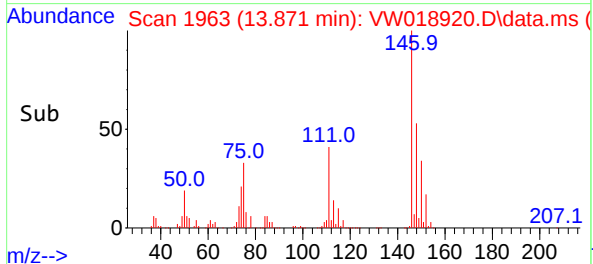
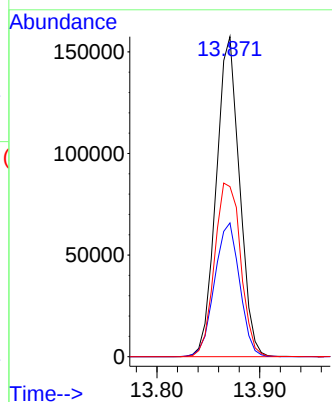
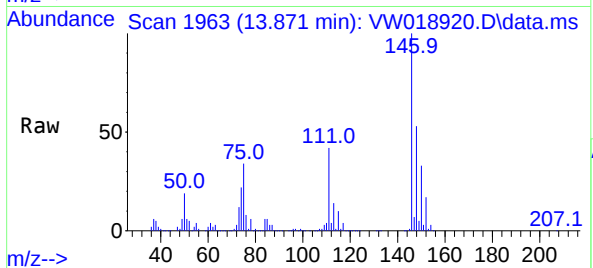




#67
1,2-Dichlorobenzene
Concen: 21.78 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VW018920.D
Acq: 04 May 2021 15:55

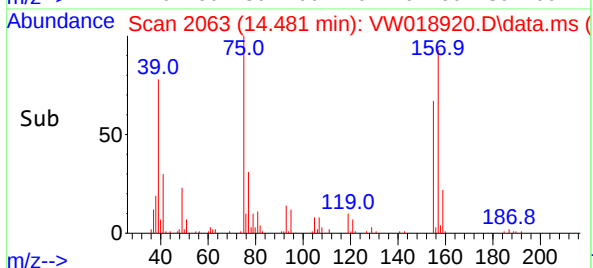
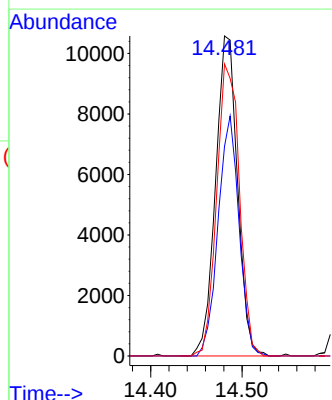
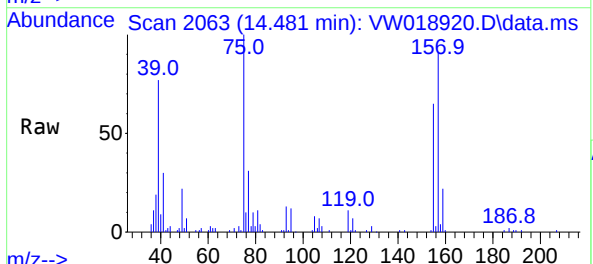
Instrument :
MSVOA_W
ClientSampled :

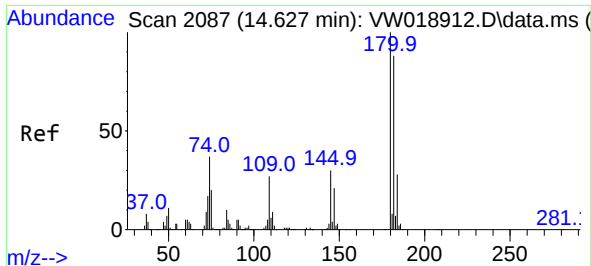
Tgt Ion:146 Resp: 247819
Ion Ratio Lower Upper
146 100
111 41.8 33.2 49.8
148 53.2 50.4 75.6



#68
1,2-Dibromo-3-chloropropane
Concen: 18.77 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW018920.D
Acq: 04 May 2021 15:55

Tgt Ion: 75 Resp: 17661
Ion Ratio Lower Upper
75 100
155 65.5 59.4 89.0
157 91.3 72.2 108.2



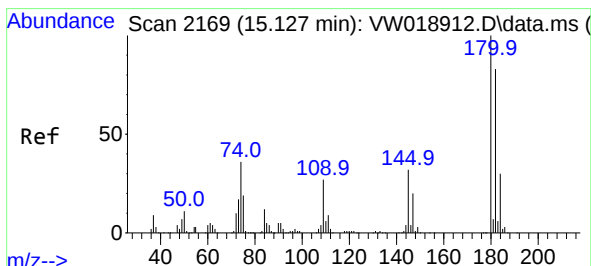
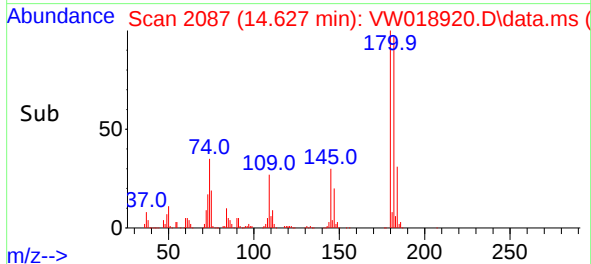
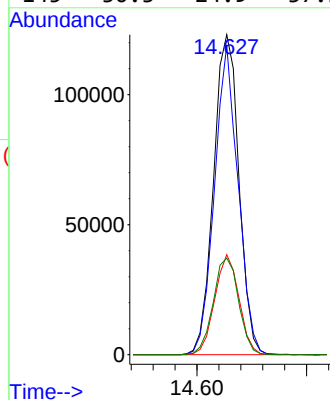
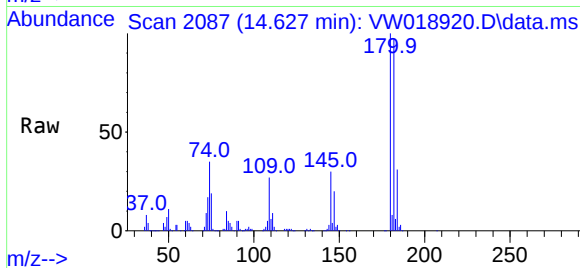


#69
1,3,5-Trichlorobenzene
Concen: 21.77 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW018920.D
Acq: 04 May 2021 15:55

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion:180 Resp: 197342

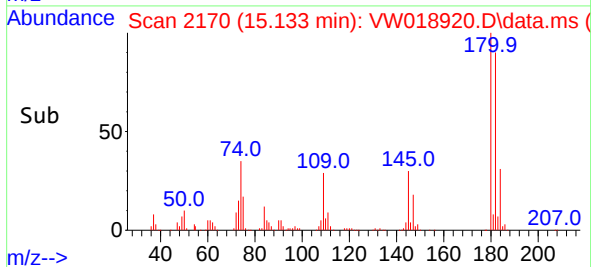
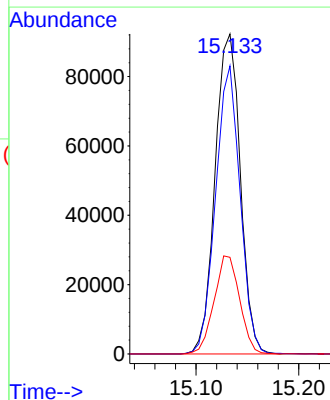
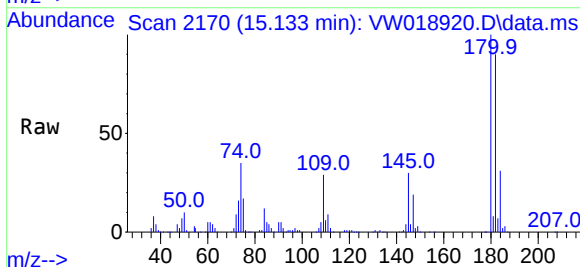
Ion	Ratio	Lower	Upper
180	100		
182	90.3	73.4	110.2
184	29.9	23.6	35.4
145	30.3	24.9	37.3

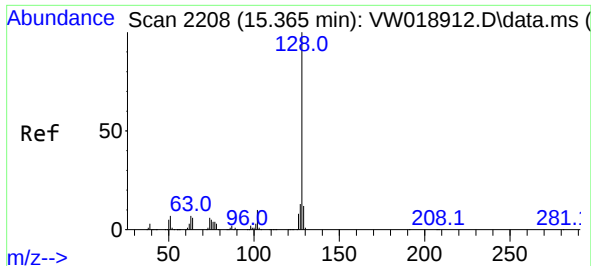


#70
1,2,4-trichlorobenzene
Concen: 20.92 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VW018920.D
Acq: 04 May 2021 15:55

Tgt Ion:180 Resp: 157489

Ion	Ratio	Lower	Upper
180	100		
182	87.3	74.7	112.1
145	31.0	25.0	37.4

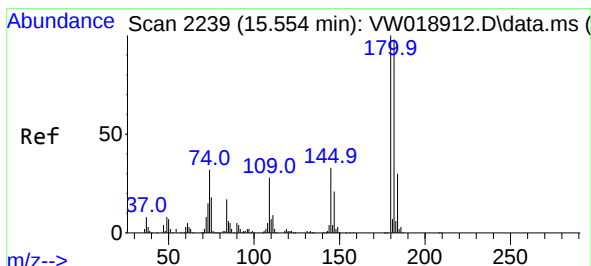
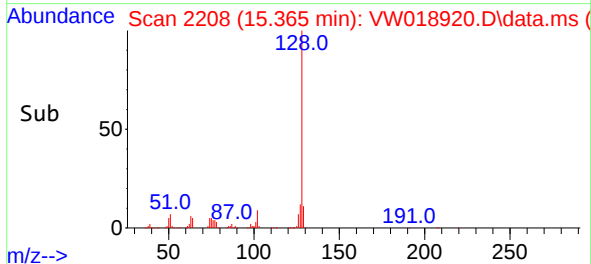
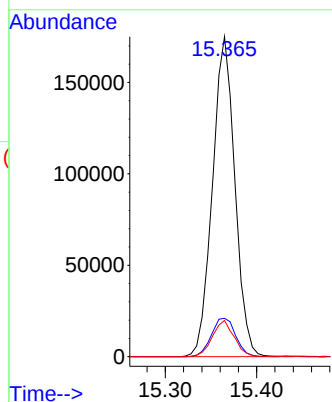
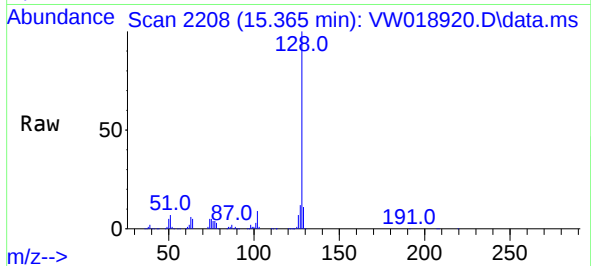




#71
Naphthalene
Concen: 18.75 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW018920.D
Acq: 04 May 2021 15:55

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion:128 Resp: 297834
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 11.0 9.0 13.6



#72
1,2,3-Trichlorobenzene
Concen: 19.90 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW018920.D
Acq: 04 May 2021 15:55

Tgt Ion:180 Resp: 132206
Ion Ratio Lower Upper
180 100
182 93.7 76.7 115.1
145 33.9 28.9 43.3

