

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042221\
 Data File : VW018729.D
 Acq On : 22 Apr 2021 12:18
 Operator : SY/VA
 Sample : M2129-03MSD
 Misc : 3.97G/10ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 23 02:01:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 23 01:53:36 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	515185	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	415625	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	169890	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	115830	14.79	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery =	59.16%		
7) Chloroethane-d5	2.891	69	107178	15.45	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery =	61.80%		
11) 1,1-Dichloroethene-d2	4.037	63	250210	18.40	ug/L	0.01
Spiked Amount	25.000	Range 45 - 110	Recovery =	73.60%		
21) 2-Butanone-d5	7.080	46	70924	39.80	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery =	79.60%		
24) Chloroform-d	7.647	84	326430	23.09	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery =	92.36%		
26) 1,2-Dichloroethane-d4	8.305	65	159674	20.09	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery =	80.36%		
32) Benzene-d6	8.275	84	519049	21.29	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery =	85.16%		
36) 1,2-Dichloropropane-d6	9.274	67	182073	24.78	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery =	99.12%		
41) Toluene-d8	10.323	98	424384	19.03	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery =	76.12%		
43) trans-1,3-Dichloroprop...	10.579	79	63609	20.33	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery =	81.32%		
47) 2-Hexanone-d5	10.927	63	51828	40.56	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery =	81.12%		
56) 1,1,2,2-Tetrachloroeth...	12.694	84	139632	22.75	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery =	91.00%		
66) 1,2-Dichlorobenzene-d4	13.853	152	138058	23.13	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery =	92.52%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.013	85	101344	20.67	ug/L	91
3) Chloromethane	2.215	50	108286	16.17	ug/L	100
5) Vinyl chloride	2.367	62	209019	21.65	ug/L	96
6) Bromomethane	2.782	94	135565	17.62	ug/L	95
8) Chloroethane	2.928	64	127992	20.77	ug/L	94
9) Trichlorofluoromethane	3.263	101	148454	27.45	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	180690	26.33	ug/L	97
12) 1,1-Dichloroethene	4.050	96	182190	26.90	ug/L	84
13) Acetone	4.123	43	38958	30.12	ug/L	87
14) Carbon disulfide	4.391	76	533742	26.48	ug/L	100
15) Methyl Acetate	4.672	43	45241	15.34	ug/L	93
16) Methylene chloride	4.915	84	184861	21.89	ug/L	92
17) trans-1,2-Dichloroethene	5.428	96	196352	26.96	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	232238	23.83	ug/L	97
19) 1,1-Dichloroethane	6.220	63	342139	25.54	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	200240	25.84	ug/L	98
22) 2-Butanone	7.171	43	64823	32.98	ug/L	96
23) Bromochloromethane	7.512	128	82829	24.69	ug/L	91
25) Chloroform	7.677	83	351470	25.85	ug/L	98

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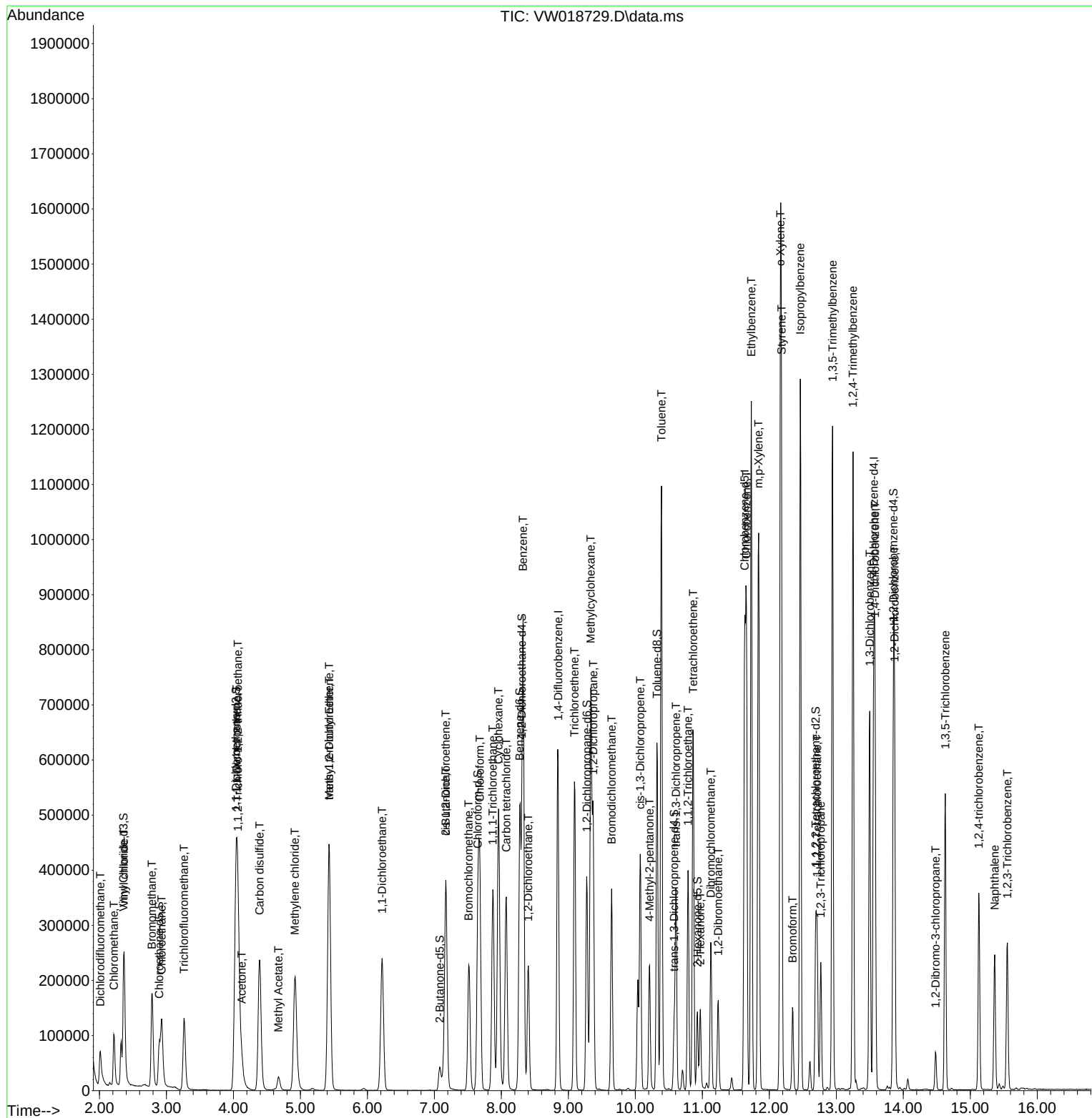
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	207739	22.45	ug/L	98
29) Cyclohexane	7.958	56	293812	28.70	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	293933	32.32	ug/L	99
31) Carbon tetrachloride	8.073	117	264837	32.30	ug/L	99
33) Benzene	8.323	78	760053	29.12	ug/L	100
34) Trichloroethene	9.091	95	198650	29.56	ug/L	94
35) Methylcyclohexane	9.335	83	309271	26.48	ug/L	97
37) 1,2-Dichloropropane	9.372	63	179299	27.13	ug/L	98
38) Bromodichloromethane	9.646	83	233347	27.75	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	251678	25.66	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	141447	34.84	ug/L	94
42) Toluene	10.390	91	808324	28.85	ug/L	100
44) trans-1,3-Dichloropropene	10.609	75	201166	23.49	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	120593	24.60	ug/L	96
46) Tetrachloroethene	10.866	164	142190	29.95	ug/L	97
48) 2-Hexanone	10.969	43	87527	34.11	ug/L	92
49) Dibromochloromethane	11.128	129	133718	25.60	ug/L	97
50) 1,2-Dibromoethane	11.237	107	110622	23.72	ug/L #	98
51) Chlorobenzene	11.658	112	450999	26.15	ug/L	98
52) Ethylbenzene	11.731	91	868847	28.07	ug/L	96
53) m,p-Xylene	11.841	106	317505	27.97	ug/L	98
54) o-Xylene	12.164	106	303285	27.83	ug/L	93
55) Styrene	12.182	104	454230	24.09	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	126771	20.77	ug/L	97
59) Bromoform	12.347	173	63215	26.10	ug/L	97
60) Isopropylbenzene	12.463	105	816506	32.68	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	91710	23.63	ug/L	97
62) 1,3,5-Trimethylbenzene	12.944	105	644418	31.13	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	623212	30.17	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	267519	25.27	ug/L	93
65) 1,4-Dichlorobenzene	13.578	146	262767	24.53	ug/L	93
67) 1,2-Dichlorobenzene	13.871	146	234186	24.04	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	17267	21.41	ug/L	99
69) 1,3,5-Trichlorobenzene	14.627	180	157467	20.83	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	106599	17.32	ug/L	99
71) Naphthalene	15.365	128	200892	15.50	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	84661	15.59	ug/L	97

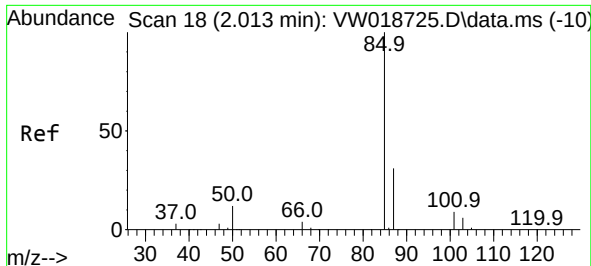
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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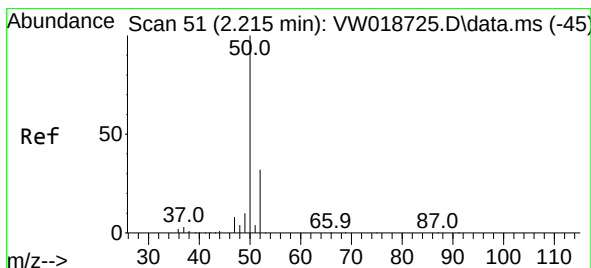
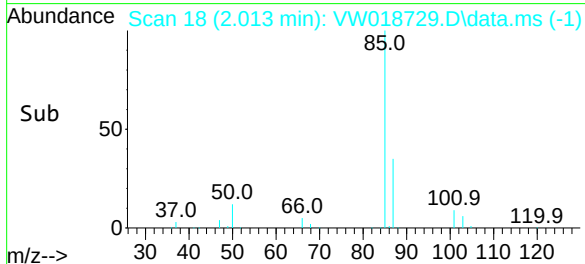
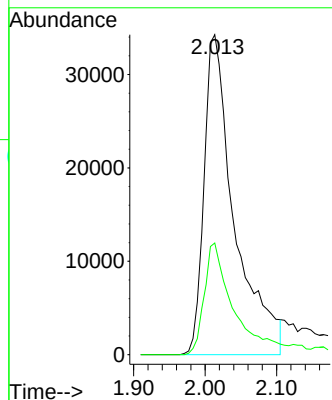
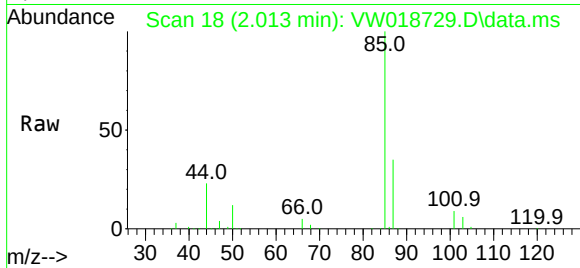




#2
Dichlorodifluoromethane
Concen: 20.67 ug/L
RT: 2.013 min Scan# 18
Delta R.T. 0.000 min
Lab File: VW018729.D
Acq: 22 Apr 2021 12:18

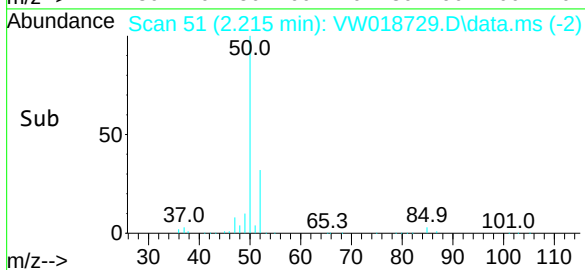
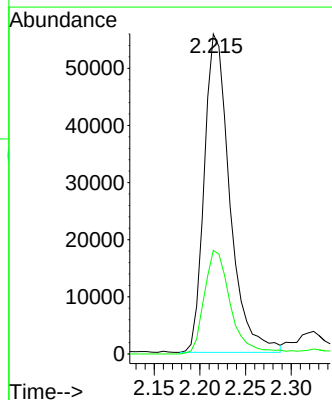
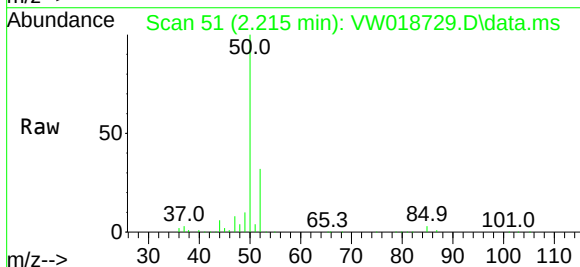
Instrument :
MSVOA_W
ClientSampled :

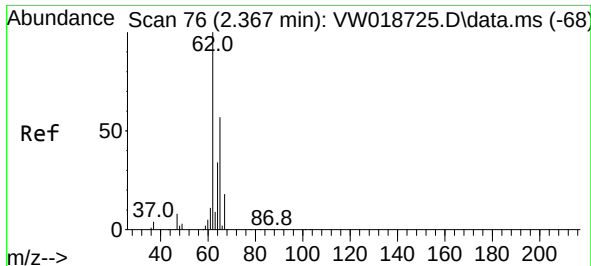
Tgt Ion: 85 Resp: 101344
Ion Ratio Lower Upper
85 100
87 34.0 23.3 34.9



#3
Chloromethane
Concen: 16.17 ug/L
RT: 2.215 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW018729.D
Acq: 22 Apr 2021 12:18

Tgt Ion: 50 Resp: 108286
Ion Ratio Lower Upper
50 100
52 32.4 22.5 41.9

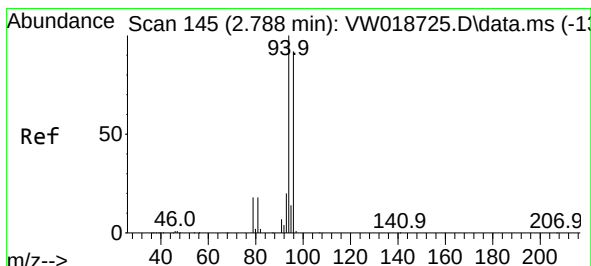
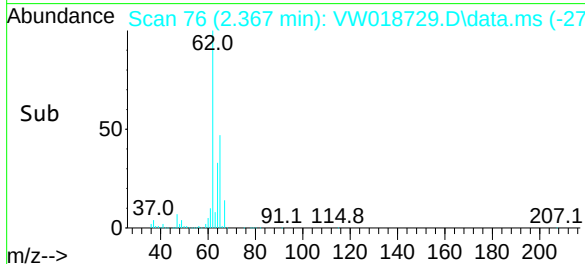
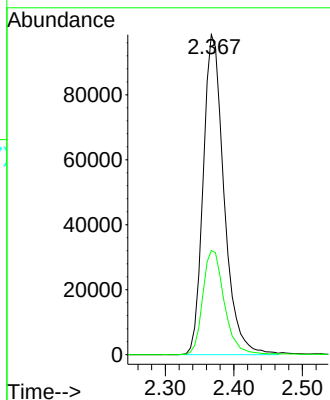
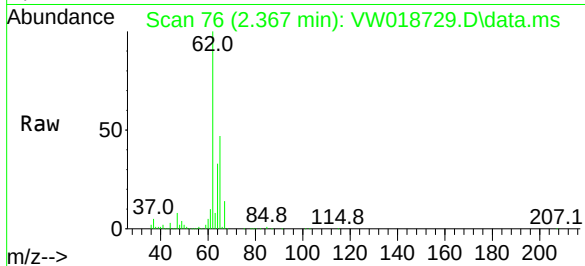




#5
 Vinyl chloride
 Concen: 21.65 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VW018729.D
 Acq: 22 Apr 2021 12:18

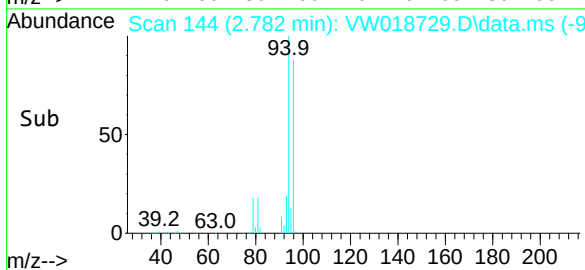
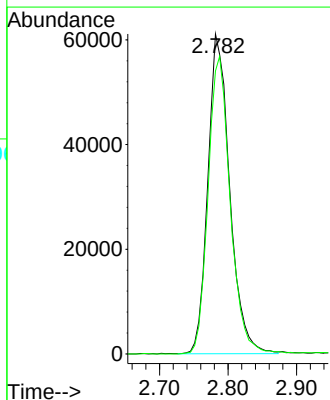
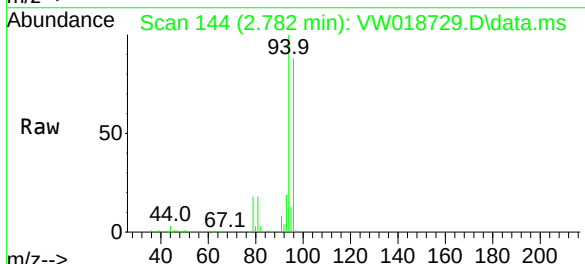
Instrument :
 MSVOA_W
 ClientSampled :

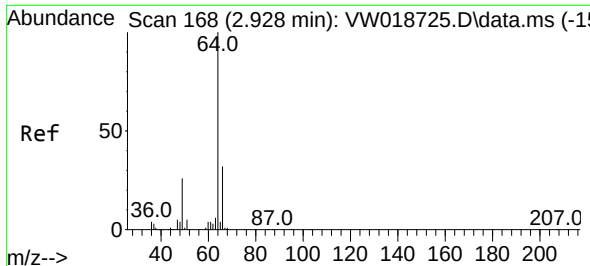
Tgt Ion: 62 Resp: 209019
 Ion Ratio Lower Upper
 62 100
 64 32.6 24.2 45.0



#6
 Bromomethane
 Concen: 17.62 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. -0.006 min
 Lab File: VW018729.D
 Acq: 22 Apr 2021 12:18

Tgt Ion: 94 Resp: 135565
 Ion Ratio Lower Upper
 94 100
 96 88.5 65.3 121.3

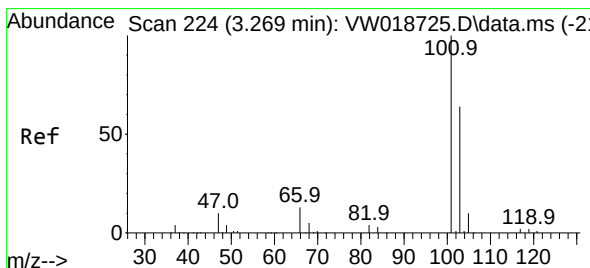
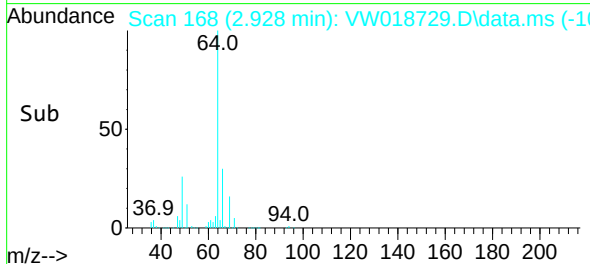
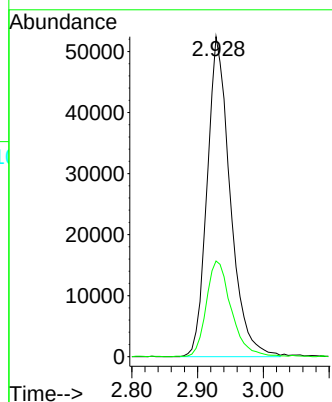
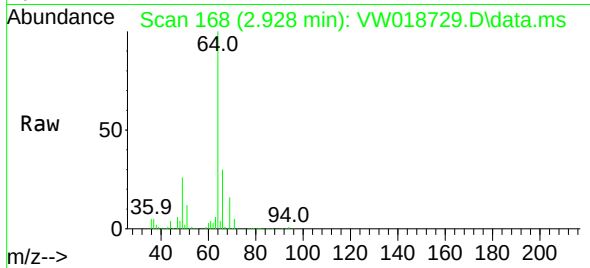




#8
Chloroethane
Concen: 20.77 ug/L
RT: 2.928 min Scan# 168
Delta R.T. 0.000 min
Lab File: VW018729.D
Acq: 22 Apr 2021 12:18

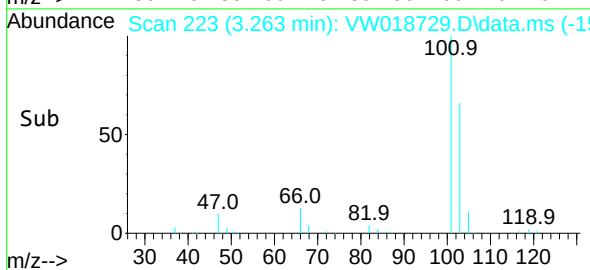
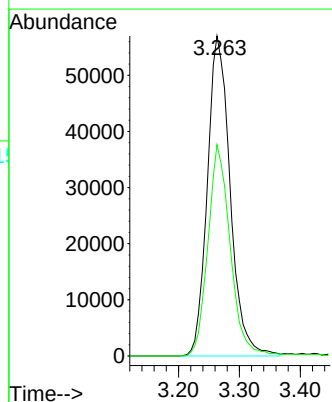
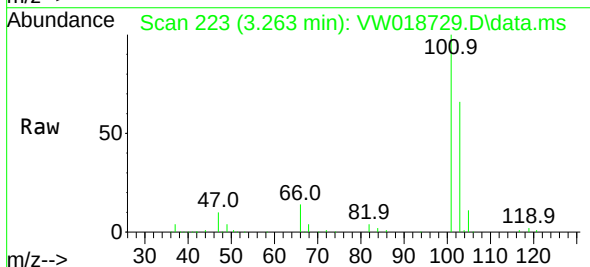
Instrument :
MSVOA_W
ClientSampled :

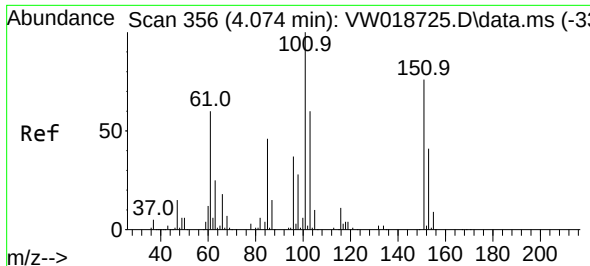
Tgt Ion: 64 Resp: 127992
Ion Ratio Lower Upper
64 100
66 29.9 23.4 43.6



#9
Trichlorofluoromethane
Concen: 27.45 ug/L
RT: 3.263 min Scan# 223
Delta R.T. -0.006 min
Lab File: VW018729.D
Acq: 22 Apr 2021 12:18

Tgt Ion:101 Resp: 148454
Ion Ratio Lower Upper
101 100
103 64.2 51.0 76.4

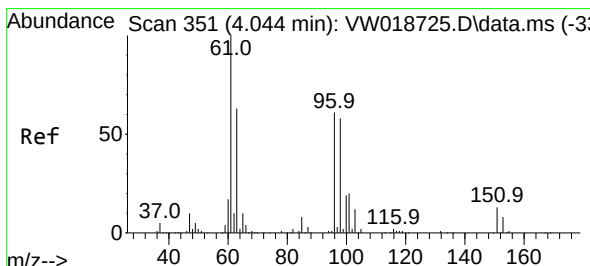
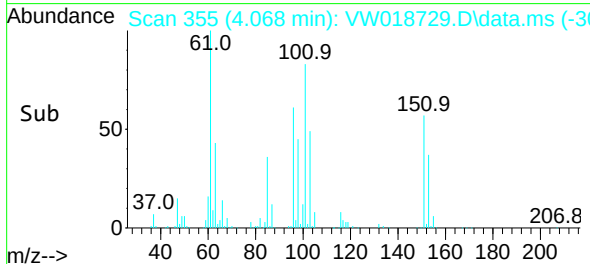
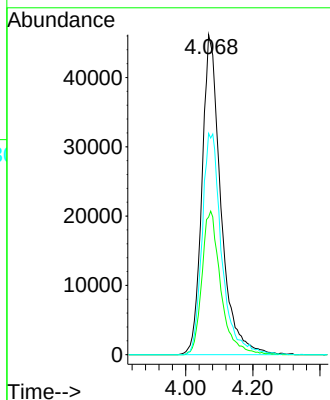
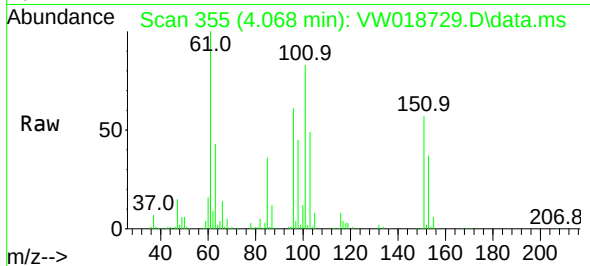




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 26.33 ug/L
RT: 4.068 min Scan# 355
Delta R.T. -0.006 min
Lab File: VW018729.D
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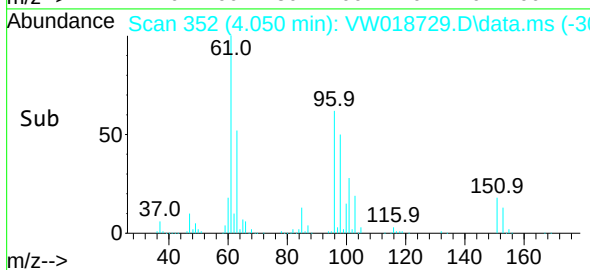
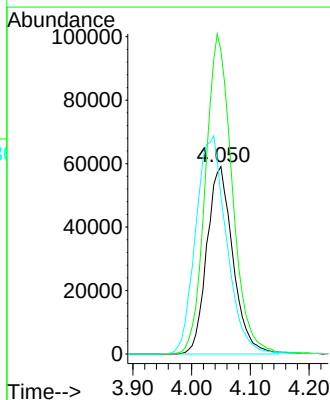
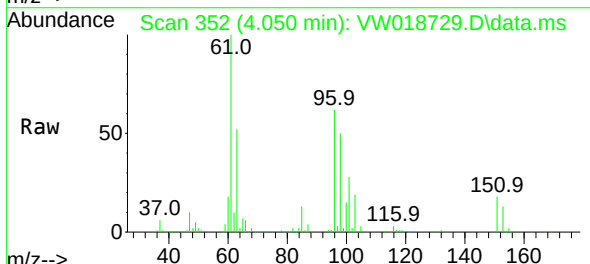
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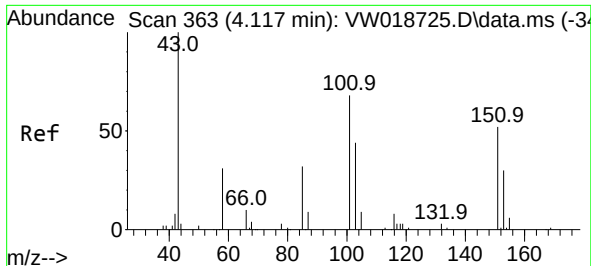
Tgt Ion:101 Resp: 180690
Ion Ratio Lower Upper
101 100
85 44.6 38.2 57.2
151 68.7 56.6 85.0



#12
1,1-Dichloroethene
Concen: 26.90 ug/L
RT: 4.050 min Scan# 352
Delta R.T. 0.006 min
Lab File: VW018729.D
Acq: 22 Apr 2021 12:18

Tgt Ion: 96 Resp: 182190
Ion Ratio Lower Upper
96 100
61 161.9 118.1 219.3
63 84.2 83.7 155.5

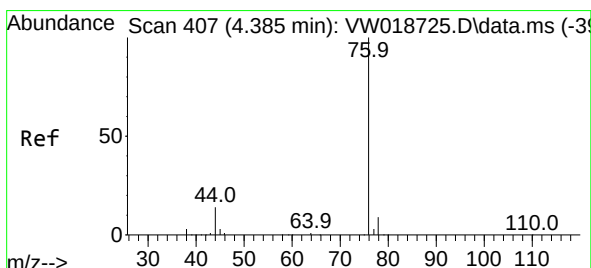
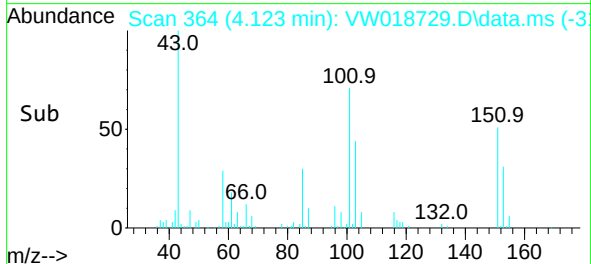
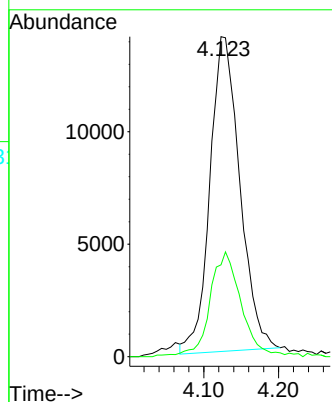
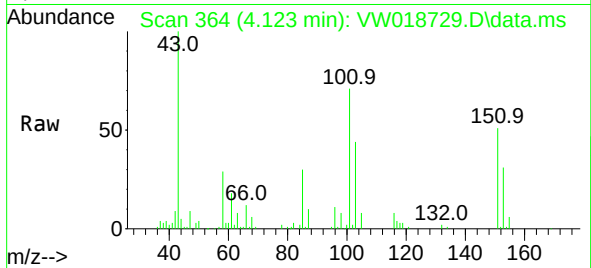




#13
Acetone
Concen: 30.12 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW018729.D
Acq: 22 Apr 2021 12:18

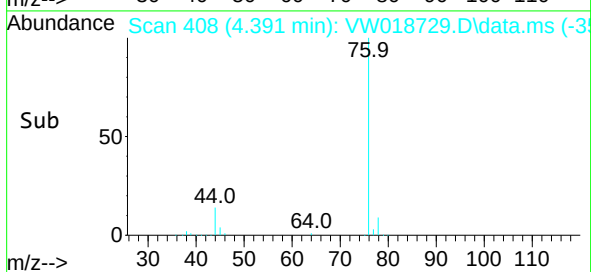
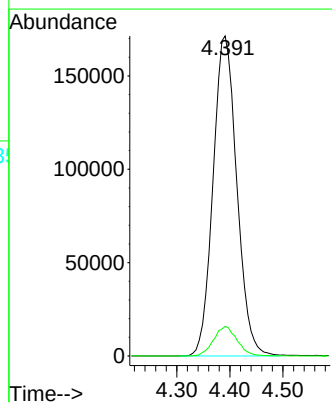
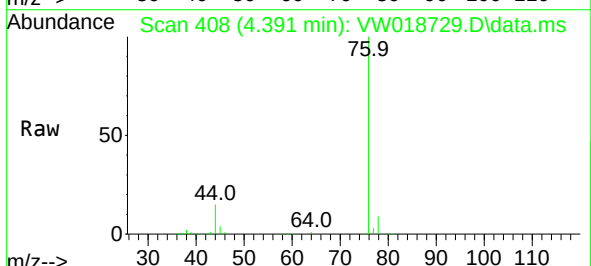
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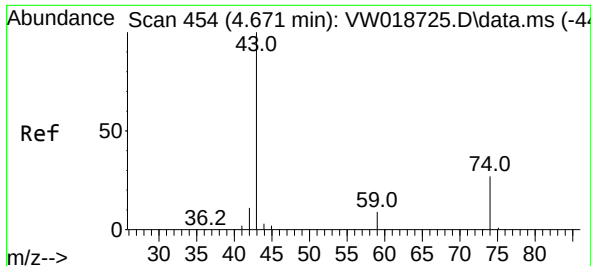
Tgt Ion: 43 Resp: 38958
Ion Ratio Lower Upper
43 100
58 33.9 0.0 53.8



#14
Carbon disulfide
Concen: 26.48 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
Lab File: VW018729.D
Acq: 22 Apr 2021 12:18

Tgt Ion: 76 Resp: 533742
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

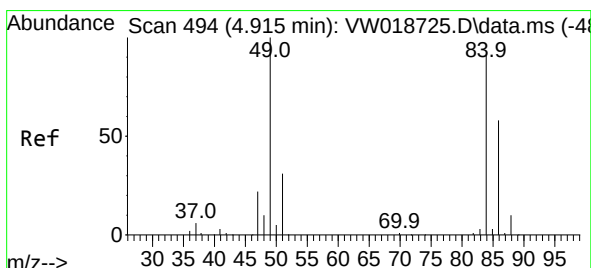
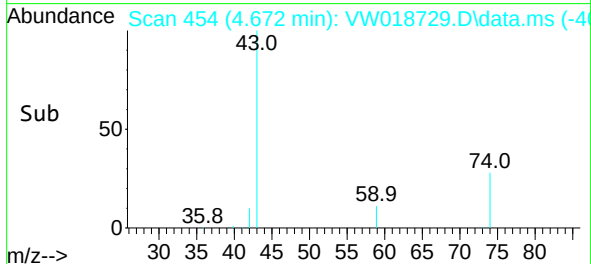
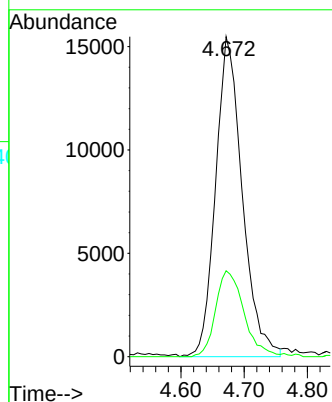
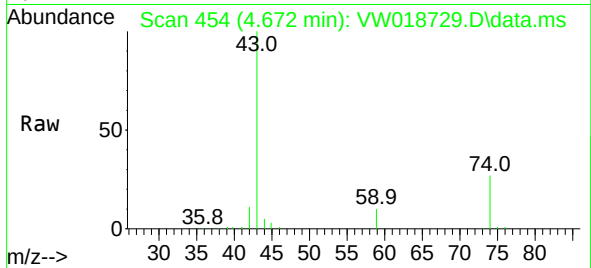




#15
Methyl Acetate
Concen: 15.34 ug/L
RT: 4.672 min Scan# 454
Delta R.T. 0.000 min
Lab File: VW018729.D
Acq: 22 Apr 2021 12:18

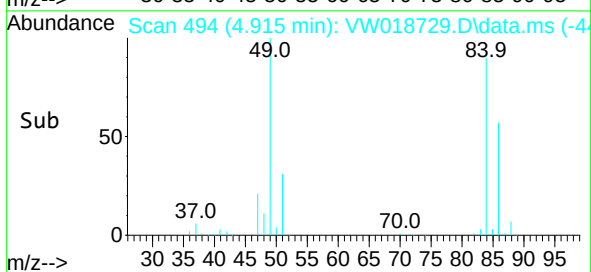
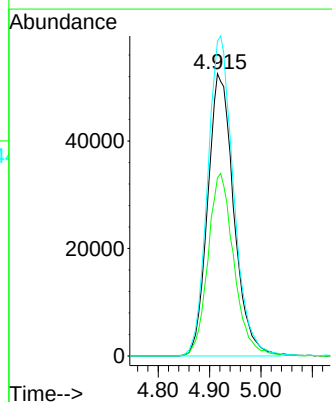
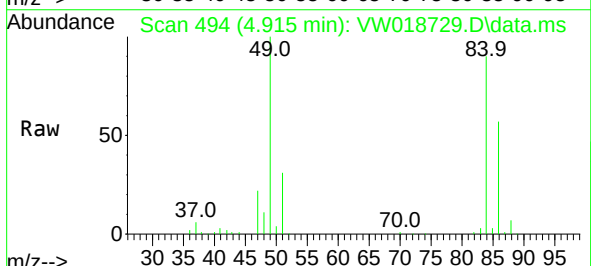
Instrument :
MSVOA_W
ClientSampled :

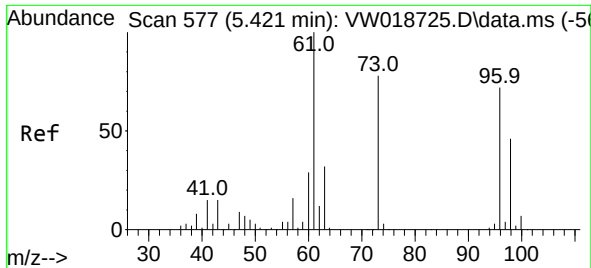
Tgt Ion: 43 Resp: 45241
Ion Ratio Lower Upper
43 100
74 28.3 20.0 30.0



#16
Methylene chloride
Concen: 21.89 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW018729.D
Acq: 22 Apr 2021 12:18

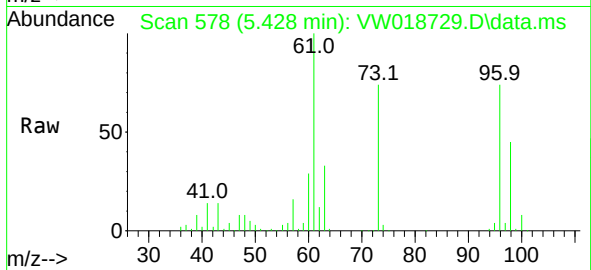
Tgt Ion: 84 Resp: 184861
Ion Ratio Lower Upper
84 100
86 63.2 45.3 84.1
49 111.6 86.6 160.8





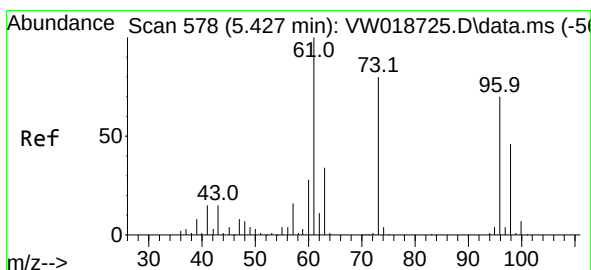
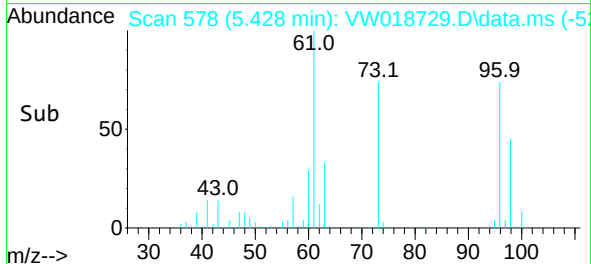
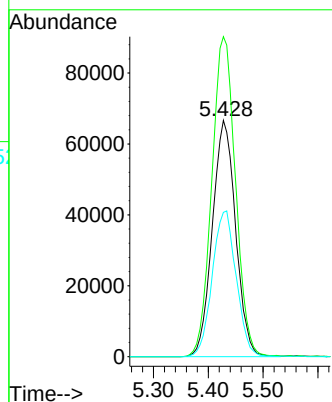
#17
trans-1,2-Dichloroethene
Concen: 26.96 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW018729.D
Acq: 22 Apr 2021 12:18

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 96 Resp: 196352

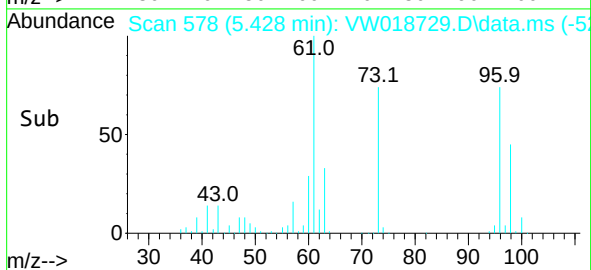
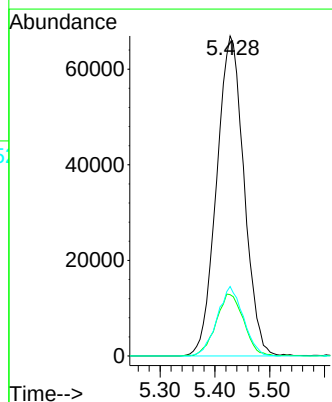
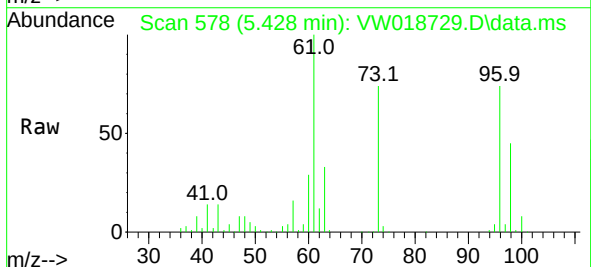
Ion	Ratio	Lower	Upper
96	100		
61	135.5	98.3	182.7
98	61.1	46.1	85.7

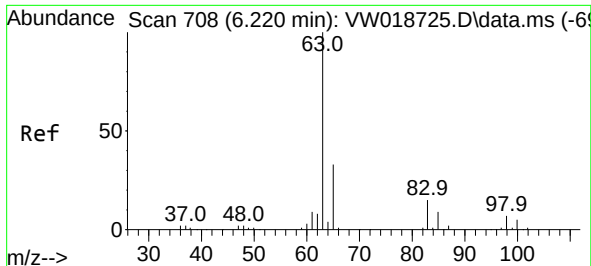


#18
Methyl tert-butyl Ether
Concen: 23.83 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW018729.D
Acq: 22 Apr 2021 12:18

Tgt Ion: 73 Resp: 232238

Ion	Ratio	Lower	Upper
73	100		
43	19.3	17.7	26.5
57	20.7	17.0	25.4

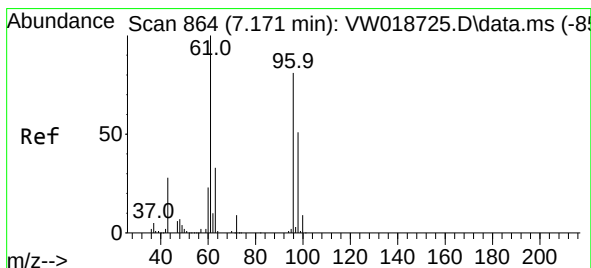
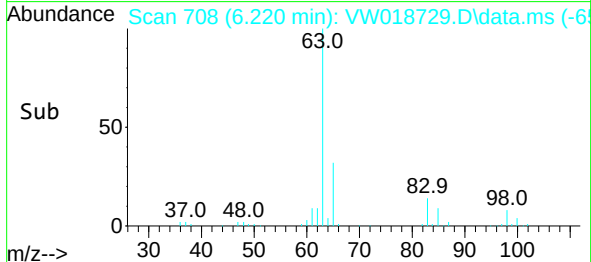
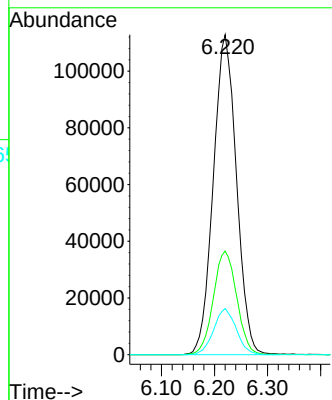
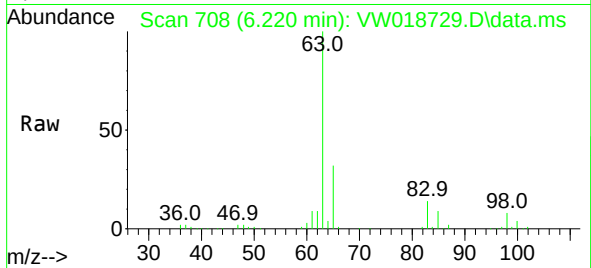




#19
1,1-Dichloroethane
Concen: 25.54 ug/L
RT: 6.220 min Scan# 708
Delta R.T. 0.000 min
Lab File: VW018729.D
Acq: 22 Apr 2021 12:18

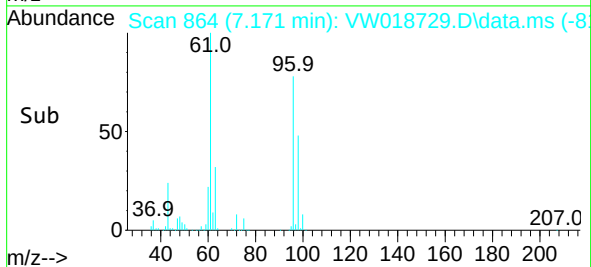
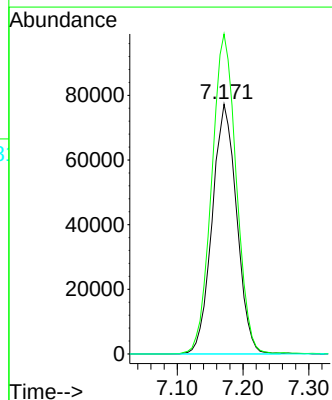
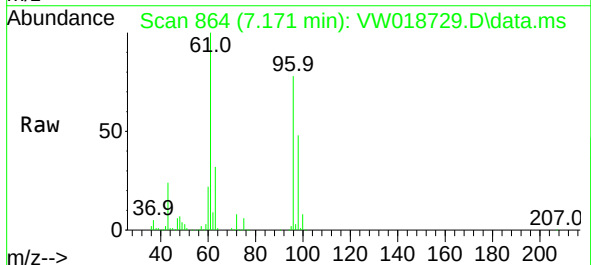
Instrument :
MSVOA_W
ClientSampled :

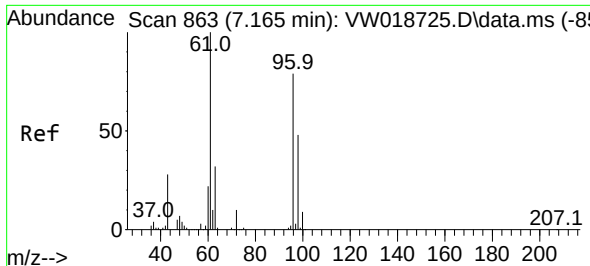
Tgt Ion: 63 Resp: 342139
Ion Ratio Lower Upper
63 100
65 32.4 22.9 42.5
83 14.4 10.2 19.0



#20
cis-1,2-Dichloroethene
Concen: 25.84 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW018729.D
Acq: 22 Apr 2021 12:18

Tgt Ion: 96 Resp: 200240
Ion Ratio Lower Upper
96 100
61 128.2 88.5 164.3
68 0.0 0.0 0.0

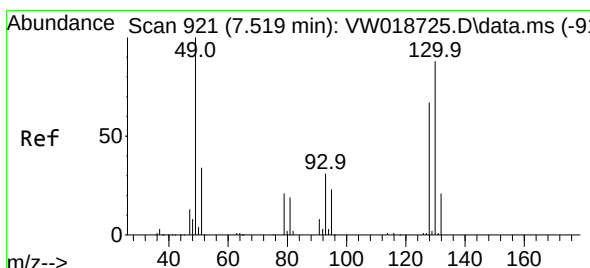
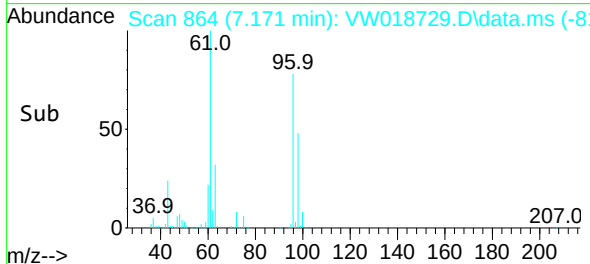
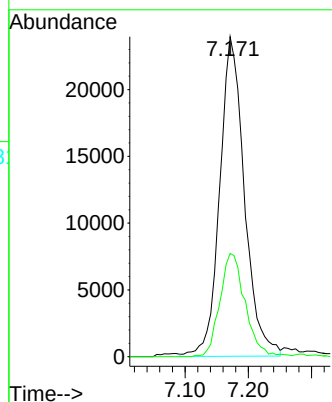
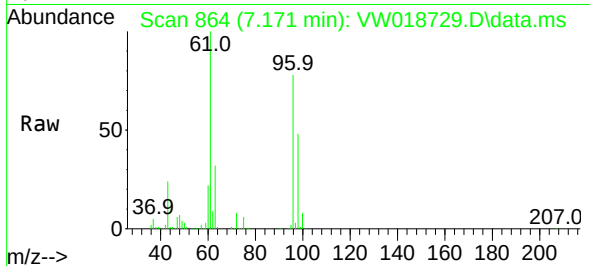




#22
2-Butanone
Concen: 32.98 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW018729.D
Acq: 22 Apr 2021 12:18

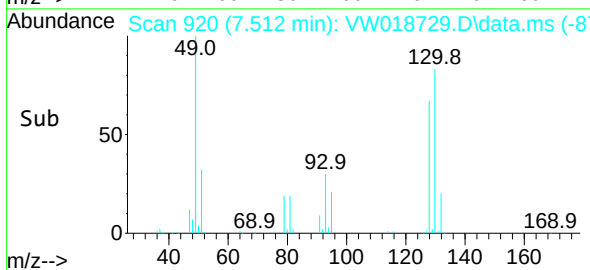
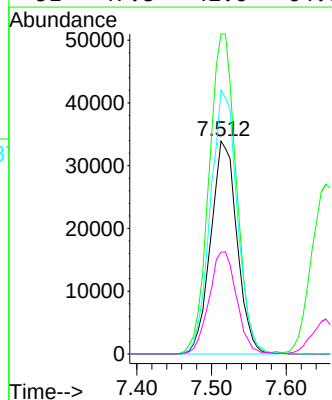
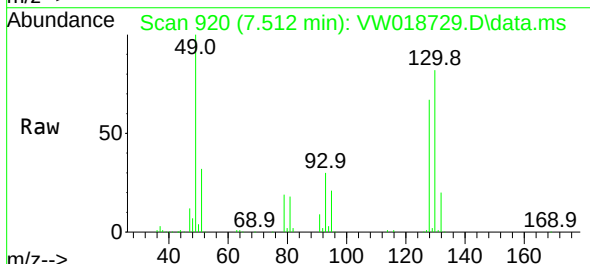
Instrument :
MSVOA_W
ClientSampled :

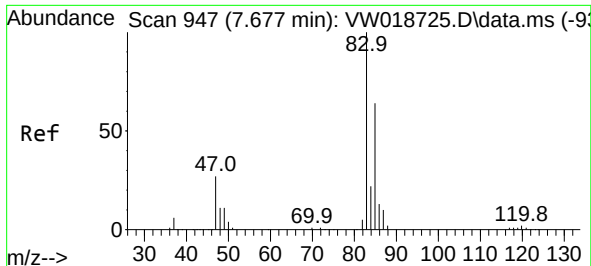
Tgt Ion: 43 Resp: 64823
Ion Ratio Lower Upper
43 100
72 31.8 14.9 44.7



#23
Bromochloromethane
Concen: 24.69 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW018729.D
Acq: 22 Apr 2021 12:18

Tgt Ion: 128 Resp: 82829
Ion Ratio Lower Upper
128 100
49 150.3 116.3 215.9
130 123.8 82.4 153.0
51 47.8 42.6 64.0

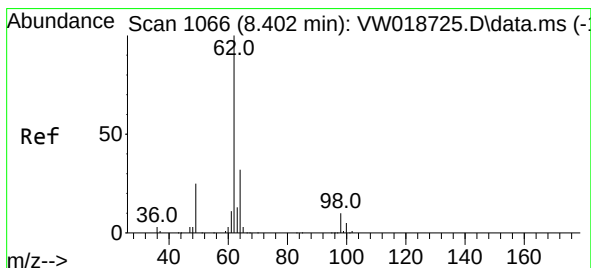
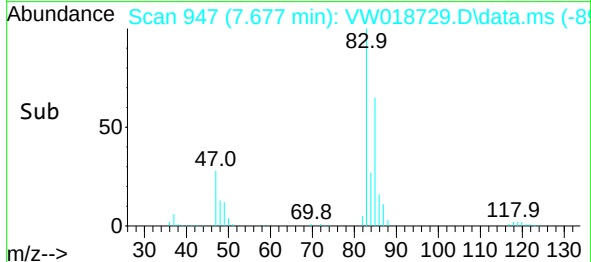
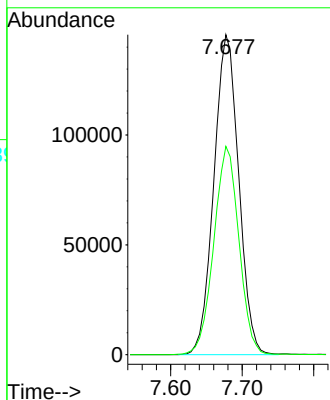
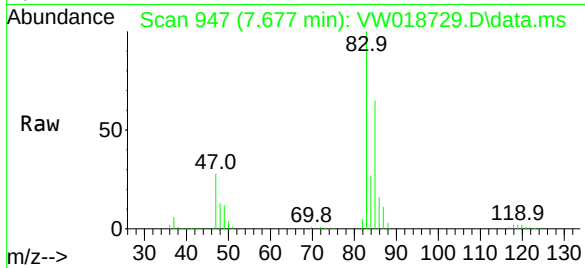




#25
Chloroform
Concen: 25.85 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW018729.D
Acq: 22 Apr 2021 12:18

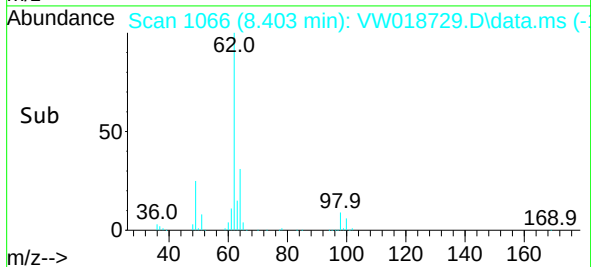
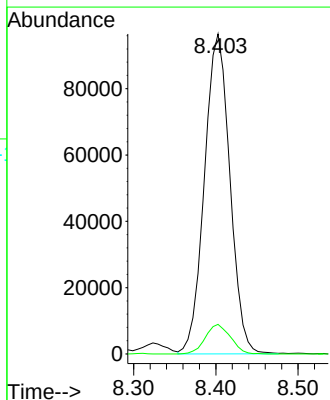
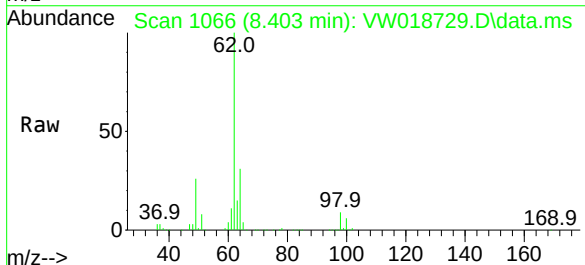
Instrument :
MSVOA_W
ClientSampled :

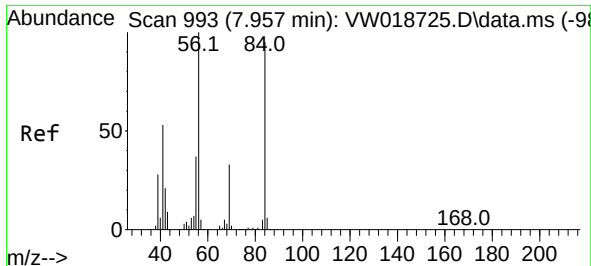
Tgt Ion: 83 Resp: 351470
Ion Ratio Lower Upper
83 100
85 65.1 44.6 82.8



#27
1,2-Dichloroethane
Concen: 22.45 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW018729.D
Acq: 22 Apr 2021 12:18

Tgt Ion: 62 Resp: 207739
Ion Ratio Lower Upper
62 100
98 9.2 6.9 10.3





#29

Cyclohexane

Concen: 28.70 ug/L

RT: 7.958 min Scan# 993

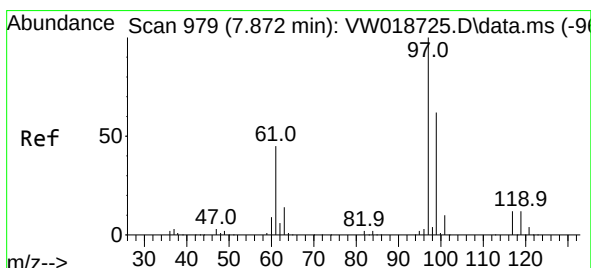
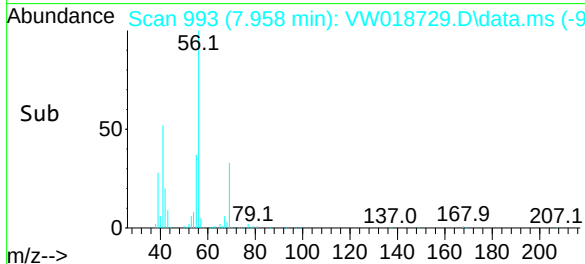
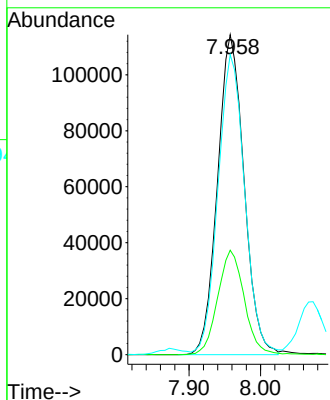
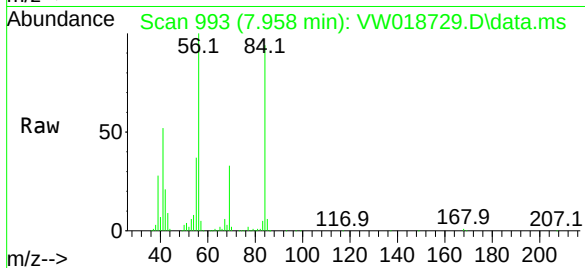
Delta R.T. 0.000 min

Lab File: VW018729.D

Acq: 22 Apr 2021 12:18

Tgt Ion: 56 Resp: 293812

Ion	Ratio	Lower	Upper
56	100		
69	32.5	24.5	36.7
84	94.8	75.0	112.4



#30

1,1,1-Trichloroethane

Concen: 32.32 ug/L

RT: 7.872 min Scan# 979

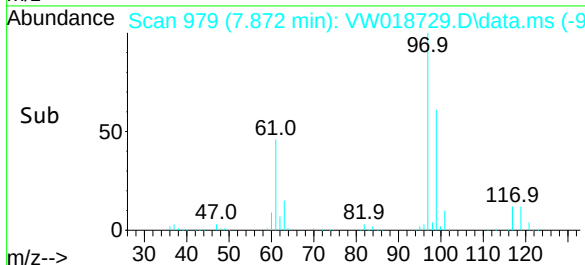
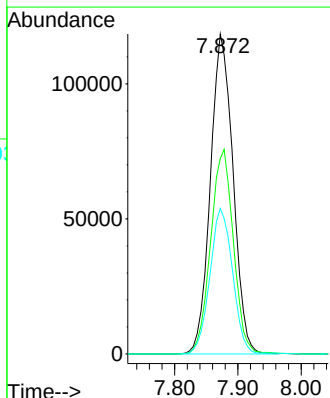
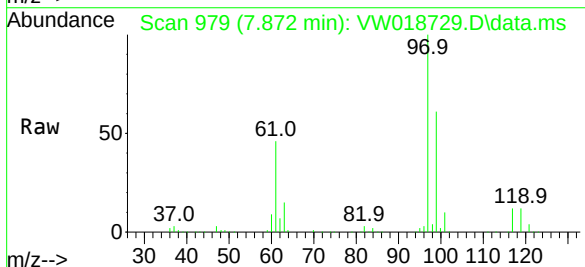
Delta R.T. 0.000 min

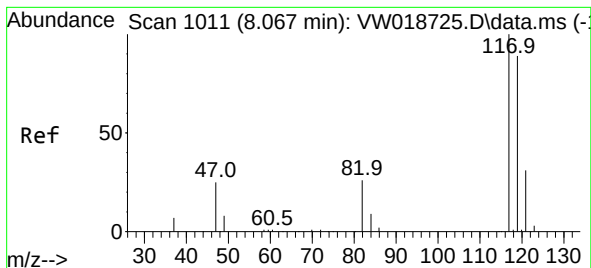
Lab File: VW018729.D

Acq: 22 Apr 2021 12:18

Tgt Ion: 97 Resp: 293933

Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.4	77.2
61	45.5	37.8	56.6

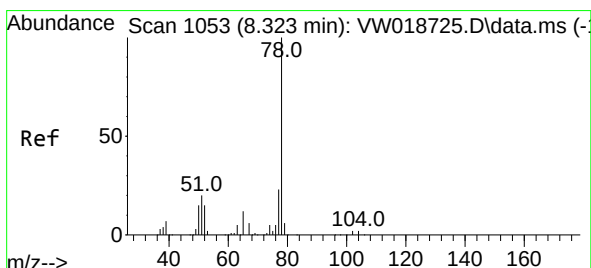
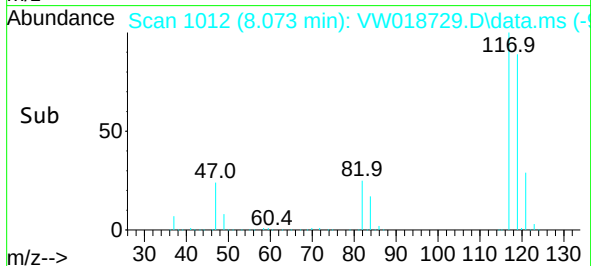
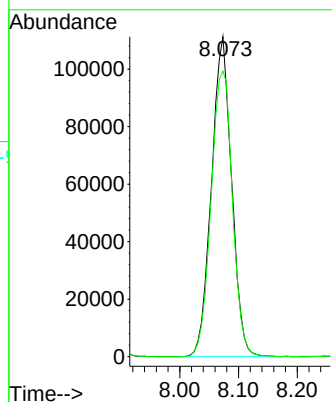
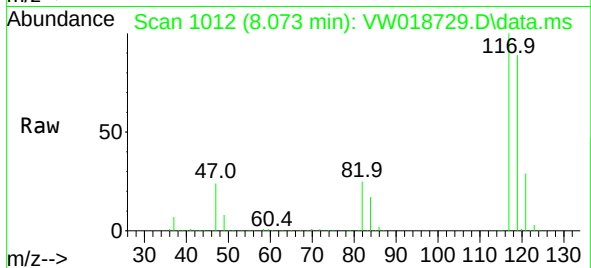




#31
Carbon tetrachloride
Concen: 32.30 ug/L
RT: 8.073 min Scan# 1012
Delta R.T. 0.006 min
Lab File: VW018729.D
Acq: 22 Apr 2021 12:18

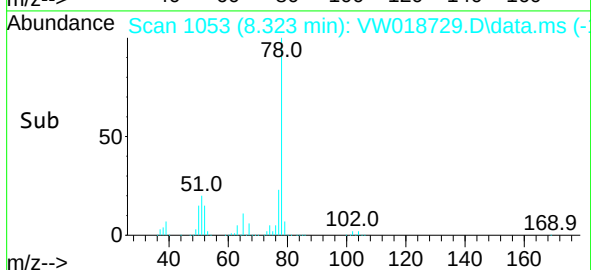
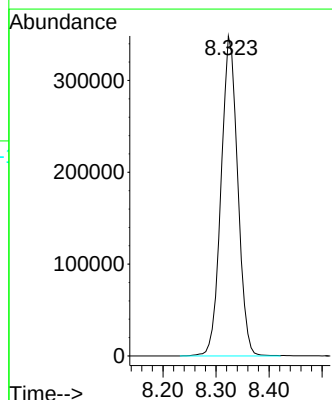
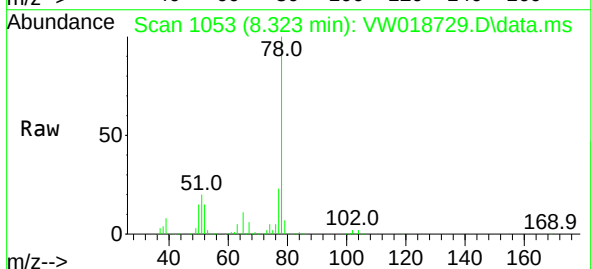
Instrument :
MSVOA_W
ClientSampled :

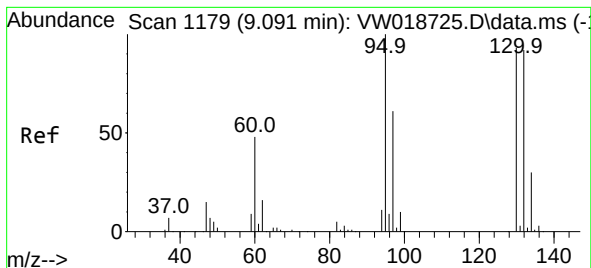
Tgt Ion:117 Resp: 264837
Ion Ratio Lower Upper
117 100
119 94.8 76.5 114.7



#33
Benzene
Concen: 29.12 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW018729.D
Acq: 22 Apr 2021 12:18

Tgt Ion: 78 Resp: 760053





#34

Trichloroethene

Concen: 29.56 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW018729.D

Acq: 22 Apr 2021 12:18

Tgt Ion: 95 Resp: 198650

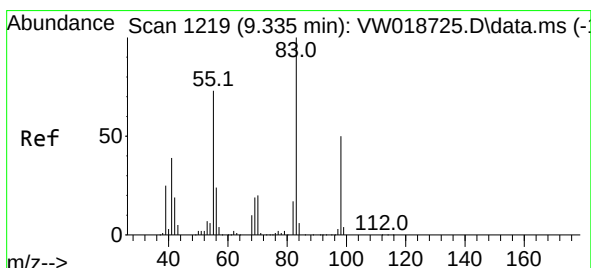
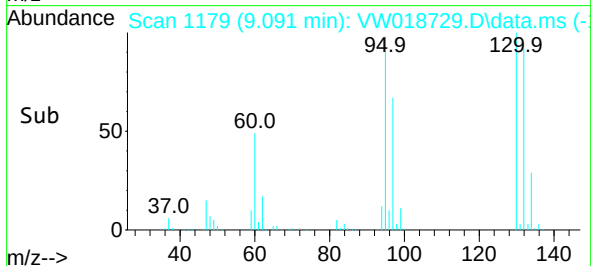
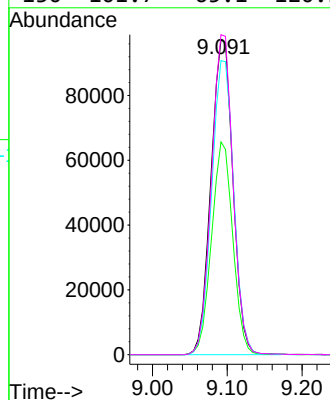
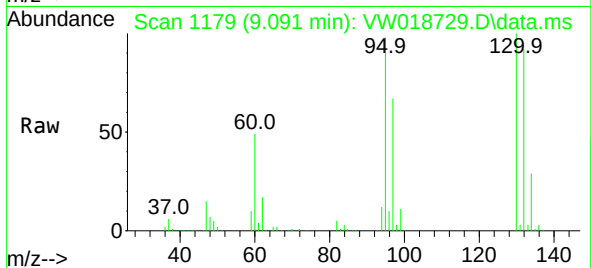
Ion Ratio Lower Upper

95 100

97 67.7 47.3 87.8

132 93.5 71.0 131.8

130 101.7 65.1 120.9



#35

Methylcyclohexane

Concen: 26.48 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW018729.D

Acq: 22 Apr 2021 12:18

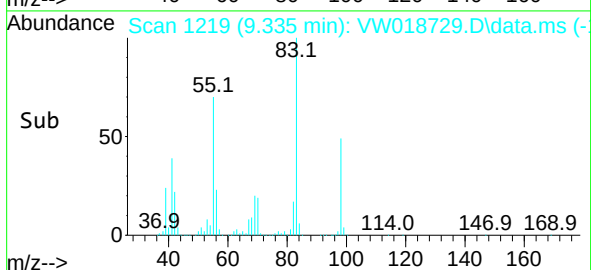
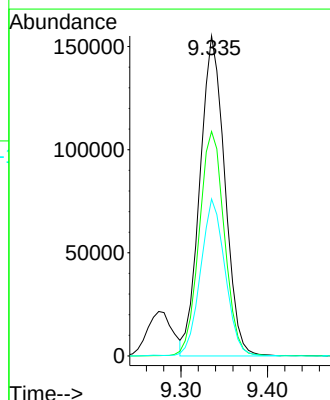
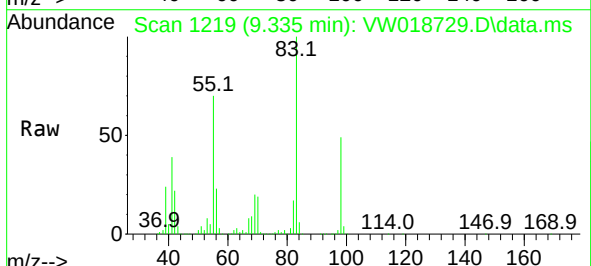
Tgt Ion: 83 Resp: 309271

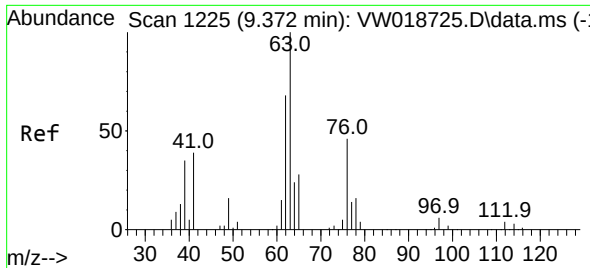
Ion Ratio Lower Upper

83 100

55 71.2 58.9 88.3

98 48.4 40.1 60.1

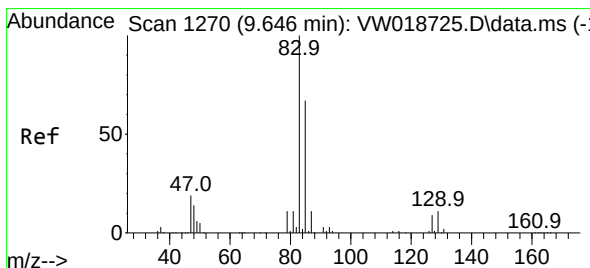
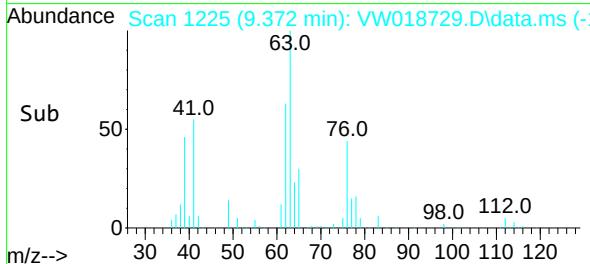
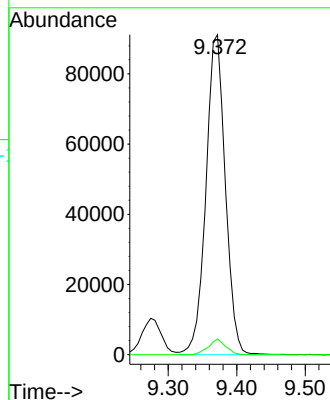
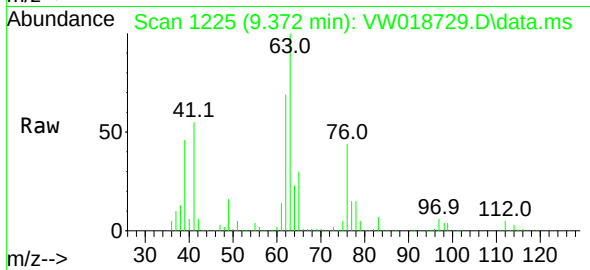




#37
1,2-Dichloropropane
Concen: 27.13 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VW018729.D
Acq: 22 Apr 2021 12:18

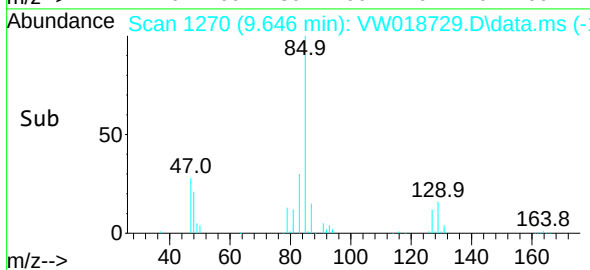
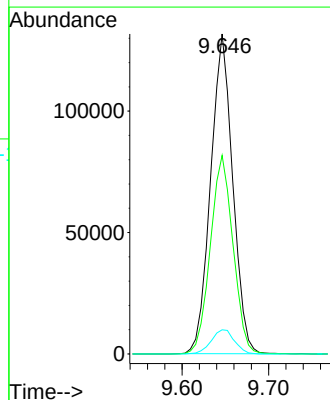
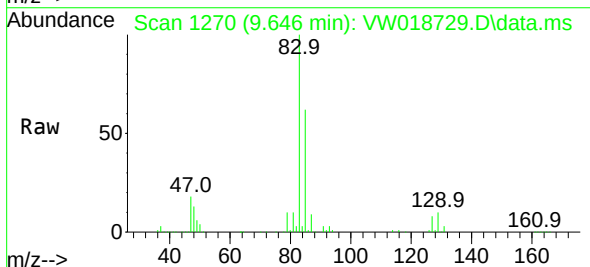
Instrument :
MSVOA_W
ClientSampled :

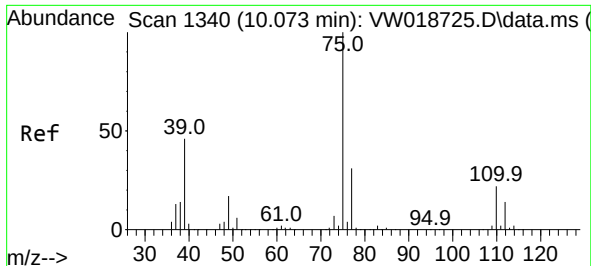
Tgt Ion: 63 Resp: 179299
Ion Ratio Lower Upper
63 100
112 4.3 3.9 5.9



#38
Bromodichloromethane
Concen: 27.75 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW018729.D
Acq: 22 Apr 2021 12:18

Tgt Ion: 83 Resp: 233347
Ion Ratio Lower Upper
83 100
85 62.0 42.3 78.5
127 7.5 6.6 9.8

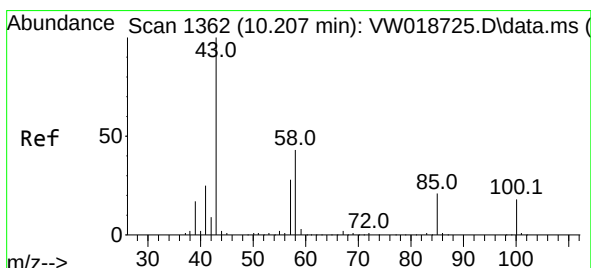
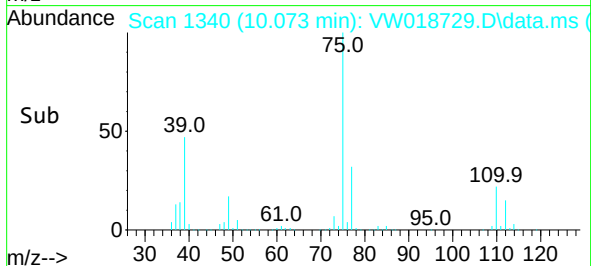
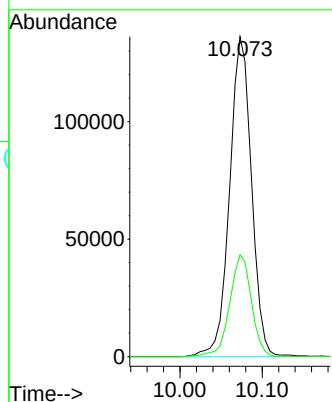
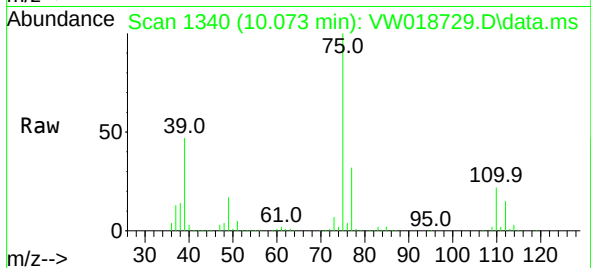




#39
cis-1,3-Dichloropropene
Concen: 25.66 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW018729.D
Acq: 22 Apr 2021 12:18

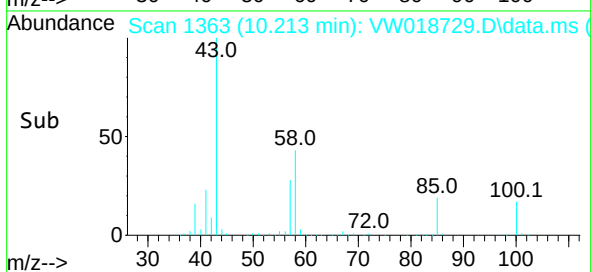
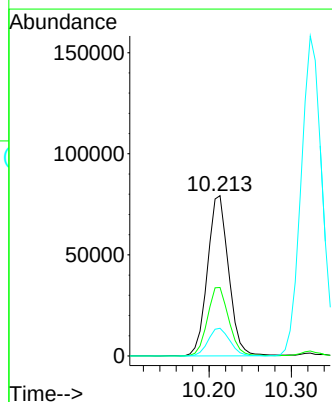
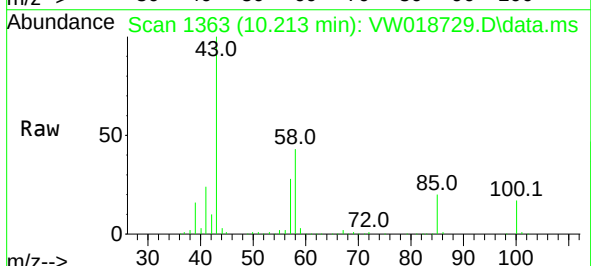
Instrument :
MSVOA_W
ClientSampled :

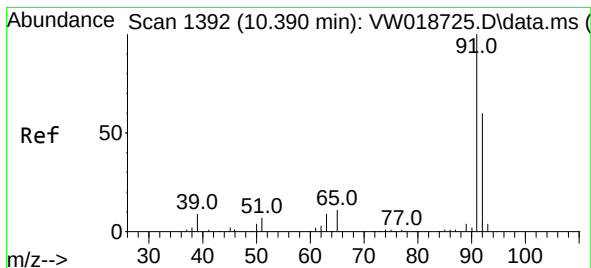
Tgt Ion: 75 Resp: 251678
Ion Ratio Lower Upper
75 100
77 31.8 22.6 42.0



#40
4-Methyl-2-pentanone
Concen: 34.84 ug/L
RT: 10.213 min Scan# 1363
Delta R.T. 0.006 min
Lab File: VW018729.D
Acq: 22 Apr 2021 12:18

Tgt Ion: 43 Resp: 141447
Ion Ratio Lower Upper
43 100
58 43.3 31.0 46.4
100 17.7 13.0 19.6





#42

Toluene

Concen: 28.85 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.000 min

Lab File: VW018729.D

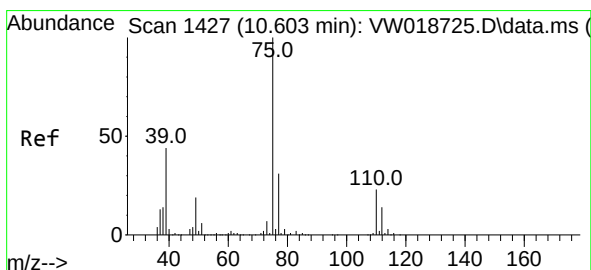
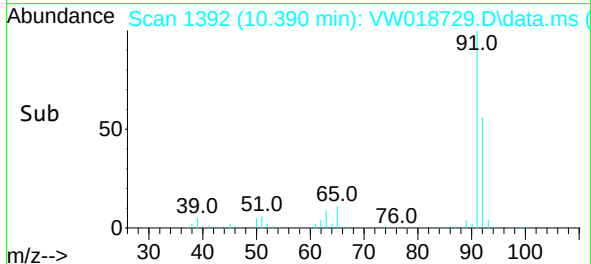
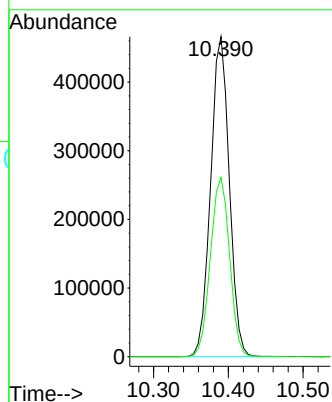
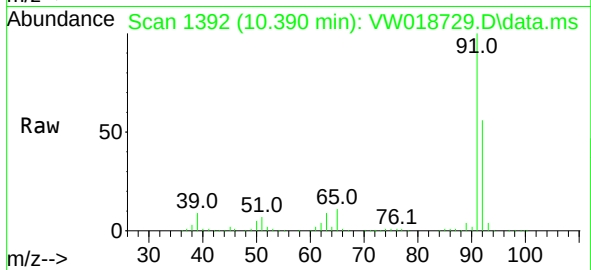
Acq: 22 Apr 2021 12:18

Tgt Ion: 91 Resp: 808324

Ion Ratio Lower Upper

91 100

92 56.0 39.5 73.3



#44

trans-1,3-Dichloropropene

Concen: 23.49 ug/L

RT: 10.609 min Scan# 1428

Delta R.T. 0.006 min

Lab File: VW018729.D

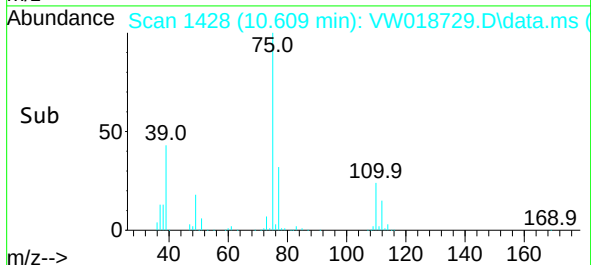
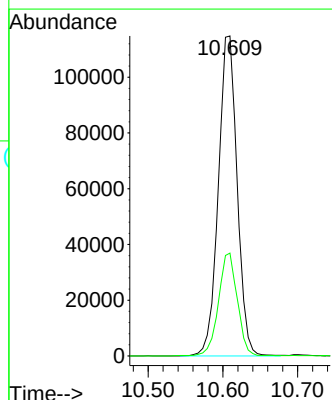
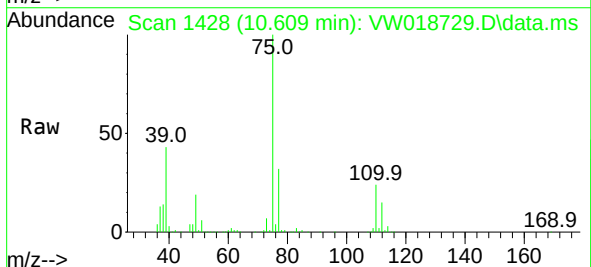
Acq: 22 Apr 2021 12:18

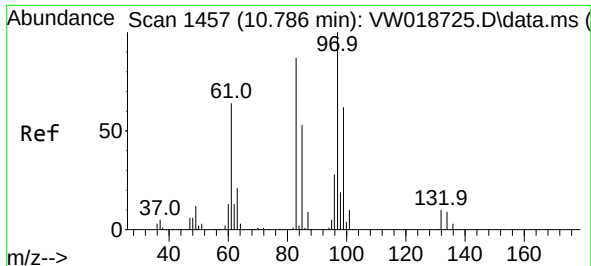
Tgt Ion: 75 Resp: 201166

Ion Ratio Lower Upper

75 100

77 32.1 21.1 39.1



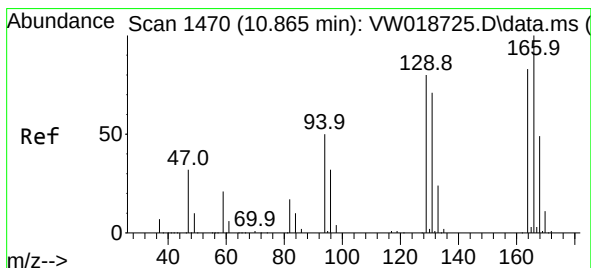
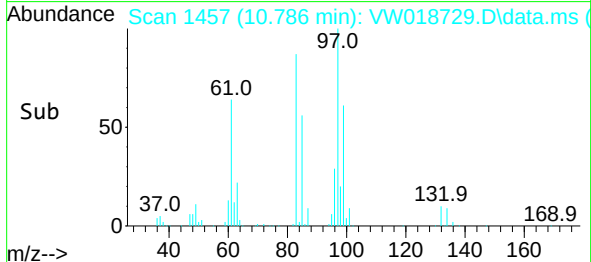
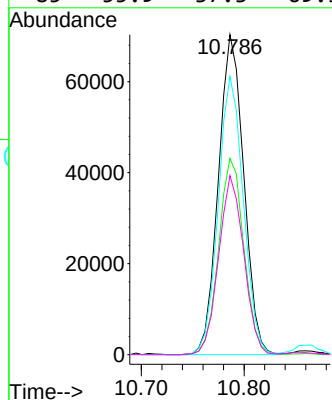
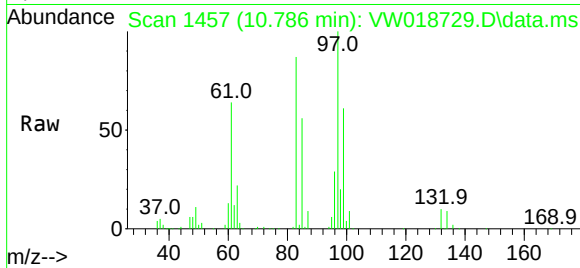


#45
1,1,2-Trichloroethane
Concen: 24.60 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW018729.D
Acq: 22 Apr 2021 12:18

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 97 Resp: 120593

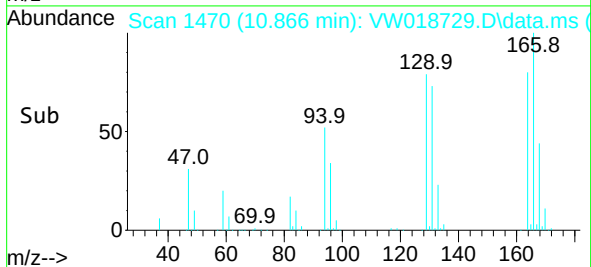
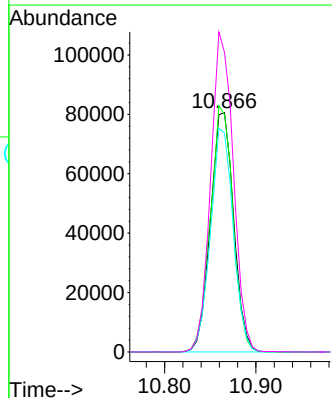
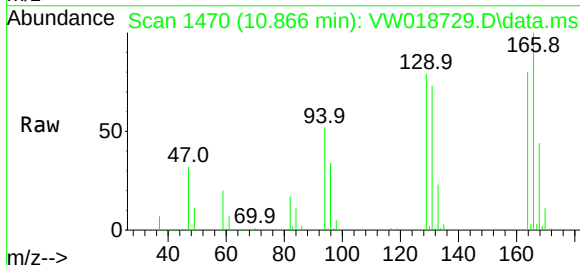
Ion	Ratio	Lower	Upper
97	100		
99	61.3	45.1	83.7
83	87.0	58.1	107.9
85	55.9	37.3	69.3

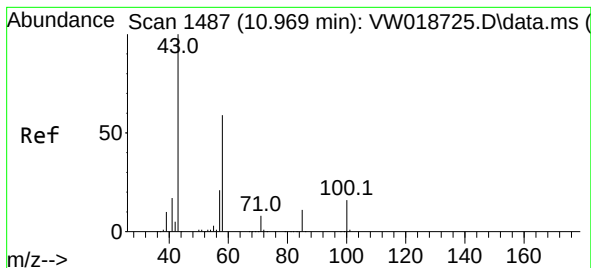


#46
Tetrachloroethene
Concen: 29.95 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW018729.D
Acq: 22 Apr 2021 12:18

Tgt Ion: 164 Resp: 142190

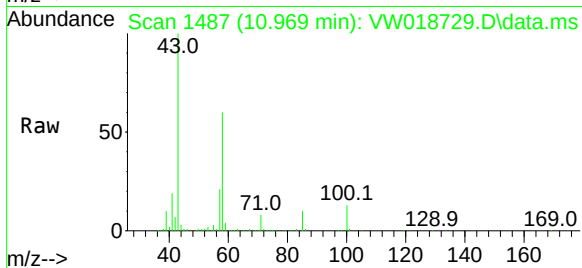
Ion	Ratio	Lower	Upper
164	100		
129	99.2	66.7	123.9
131	91.4	61.1	113.5
166	125.0	87.0	161.6



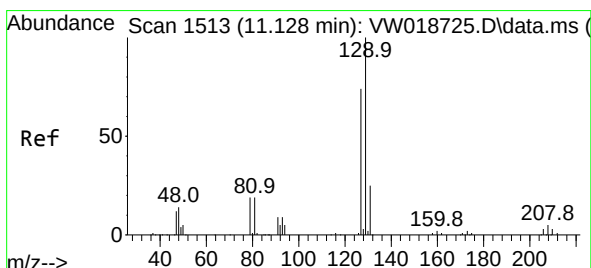
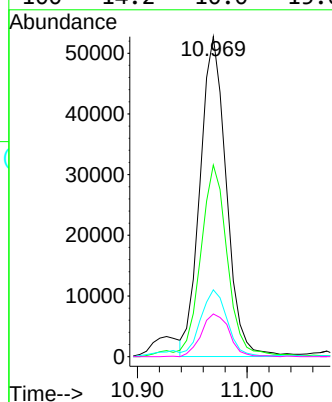
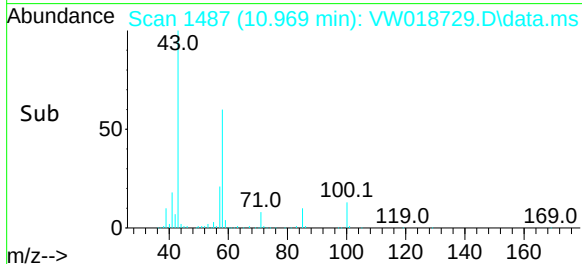


#48
2-Hexanone
Concen: 34.11 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW018729.D
Acq: 22 Apr 2021 12:18

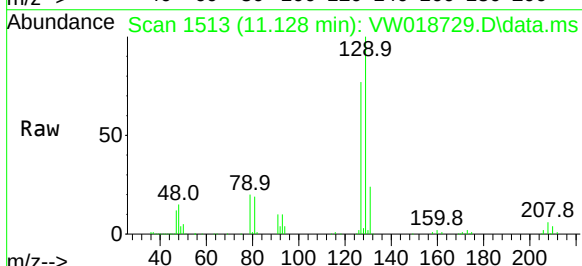
Instrument :
MSVOA_W
ClientSampled :



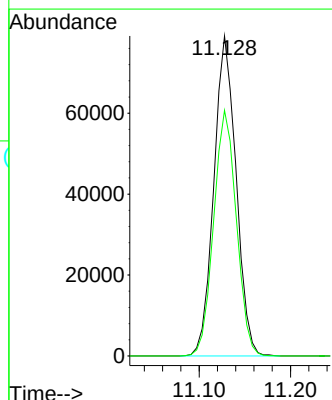
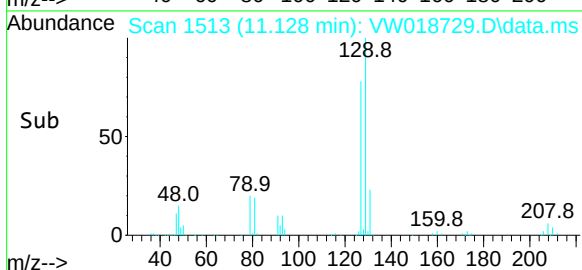
Tgt Ion: 43 Resp: 87527
Ion Ratio Lower Upper
43 100
58 60.8 42.7 64.1
57 21.2 15.8 23.8
100 14.2 10.0 15.0

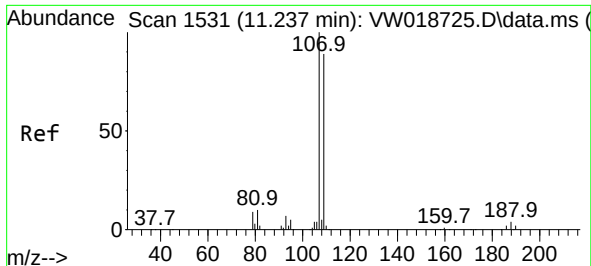


#49
Dibromochloromethane
Concen: 25.60 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW018729.D
Acq: 22 Apr 2021 12:18



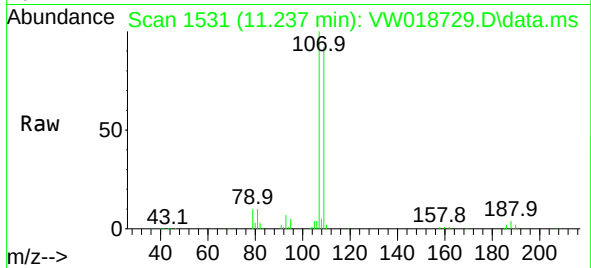
Tgt Ion: 129 Resp: 133718
Ion Ratio Lower Upper
129 100
127 76.7 51.7 95.9



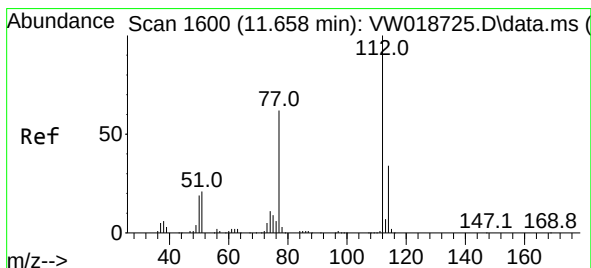
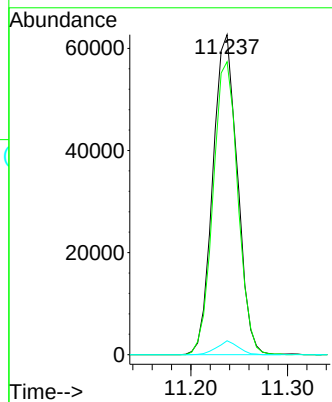
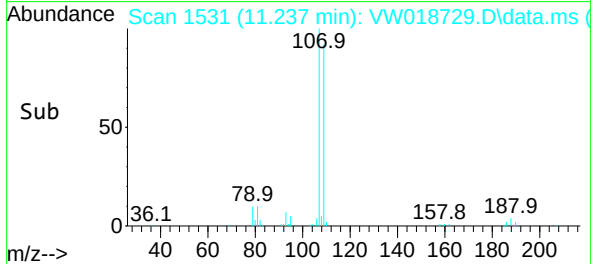


#50
1,2-Dibromoethane
Concen: 23.72 ug/L
RT: 11.237 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VW018729.D
Acq: 22 Apr 2021 12:18

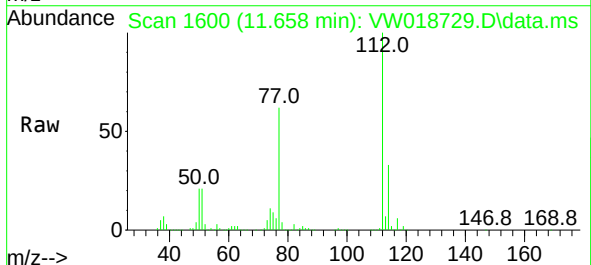
Instrument :
MSVOA_W
ClientSampleId :



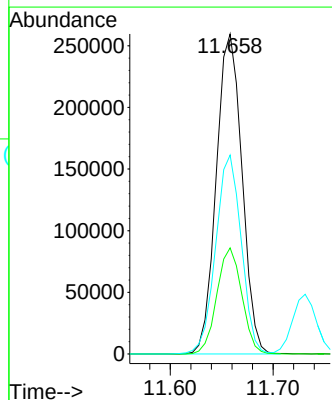
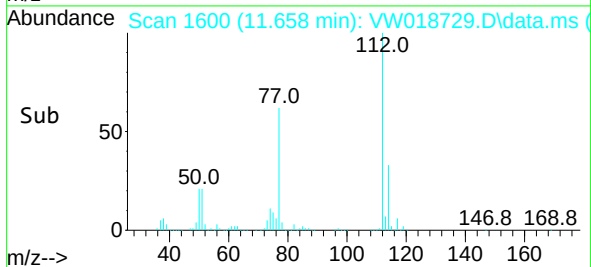
Tgt Ion:107 Resp: 110622
Ion Ratio Lower Upper
107 100
109 91.5 65.4 121.4
188 4.5 2.6 4.0#

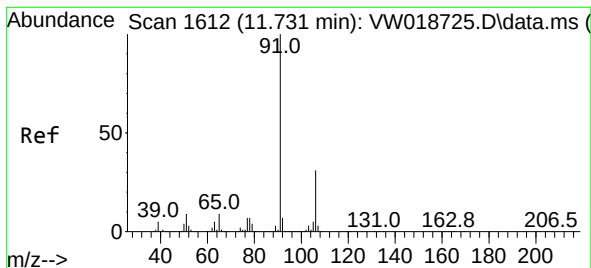


#51
Chlorobenzene
Concen: 26.15 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW018729.D
Acq: 22 Apr 2021 12:18



Tgt Ion:112 Resp: 450999
Ion Ratio Lower Upper
112 100
114 33.2 23.4 43.6
77 62.2 47.6 71.4

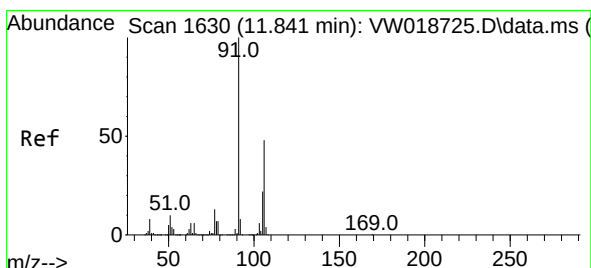
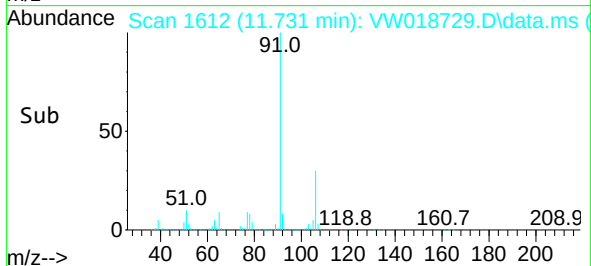
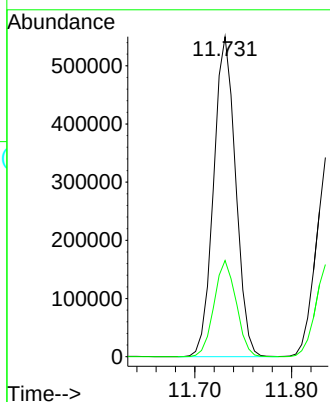
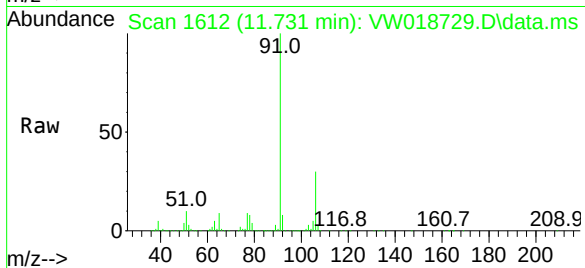




#52
Ethylbenzene
Concen: 28.07 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW018729.D
Acq: 22 Apr 2021 12:18

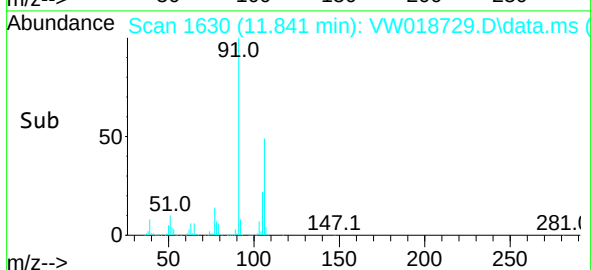
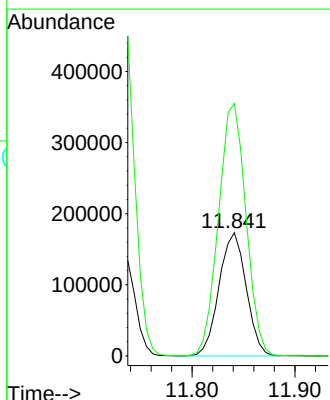
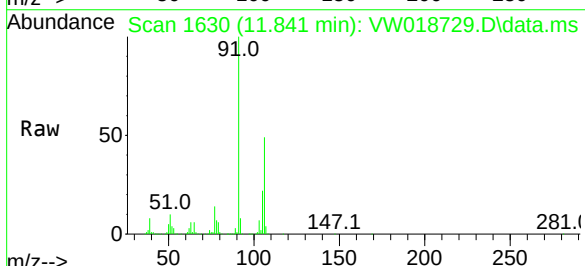
Instrument :
MSVOA_W
ClientSampled :

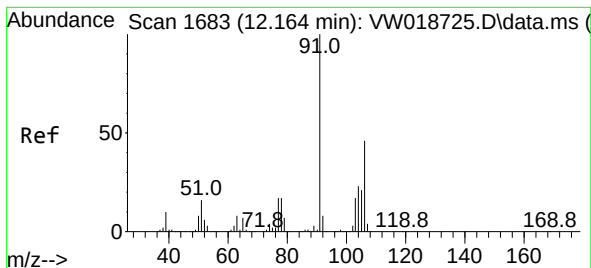
Tgt Ion: 91 Resp: 868847
Ion Ratio Lower Upper
91 100
106 30.1 22.5 41.7



#53
m,p-Xylene
Concen: 27.97 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW018729.D
Acq: 22 Apr 2021 12:18

Tgt Ion:106 Resp: 317505
Ion Ratio Lower Upper
106 100
91 204.8 141.3 262.3

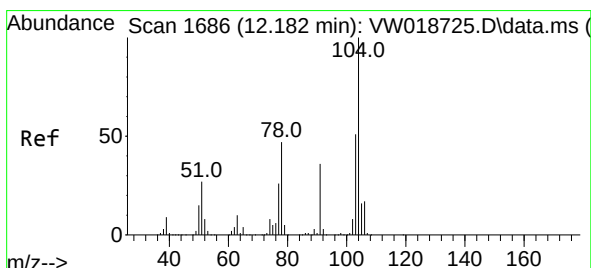
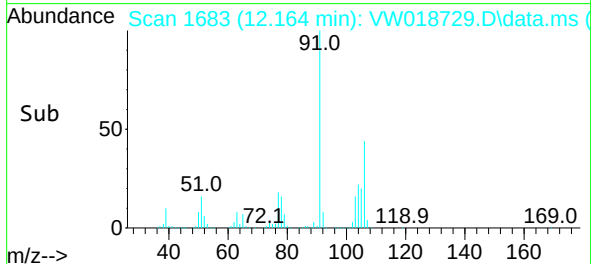
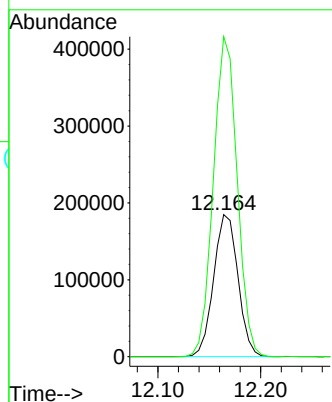
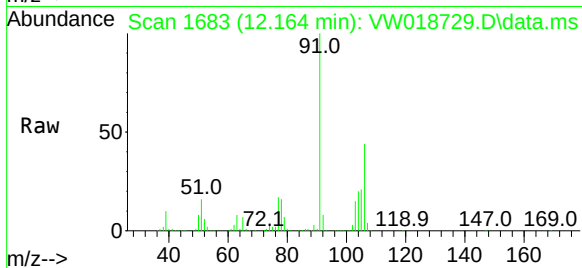




#54
o-Xylene
Concen: 27.83 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW018729.D
Acq: 22 Apr 2021 12:18

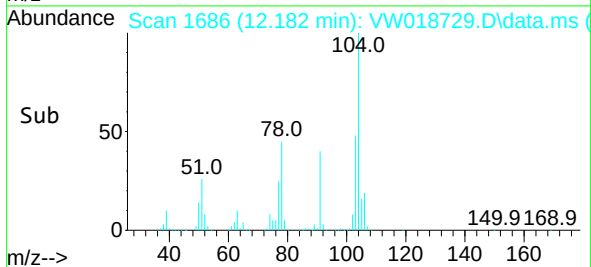
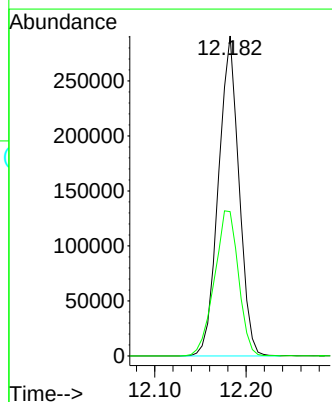
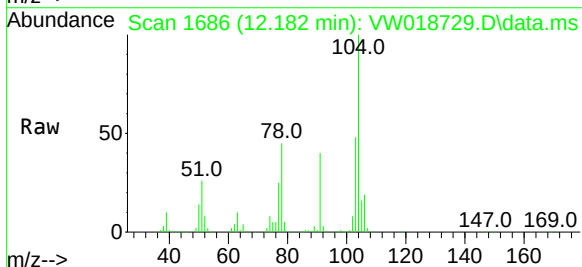
Instrument :
MSVOA_W
ClientSampled :

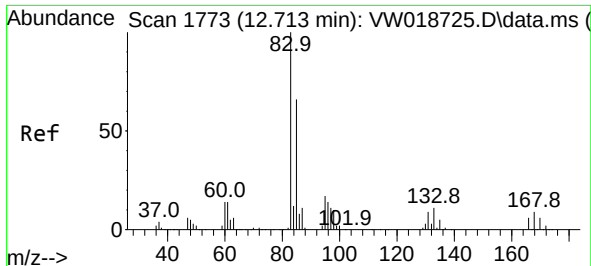
Tgt Ion:106 Resp: 303285
Ion Ratio Lower Upper
106 100
91 225.2 150.0 278.6



#55
Styrene
Concen: 24.09 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW018729.D
Acq: 22 Apr 2021 12:18

Tgt Ion:104 Resp: 454230
Ion Ratio Lower Upper
104 100
78 45.1 32.5 60.3

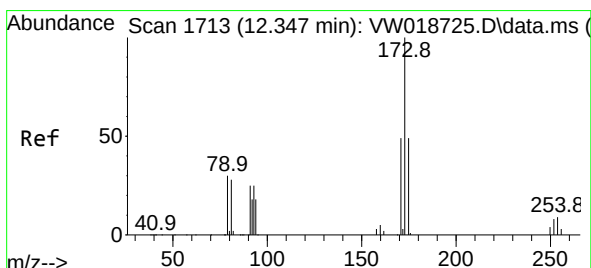
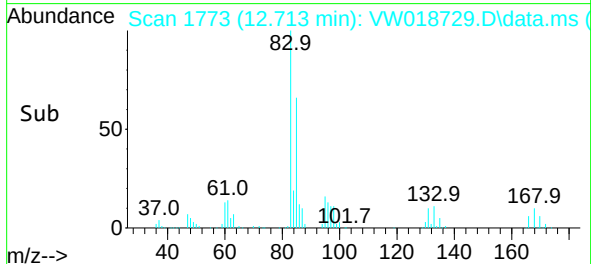
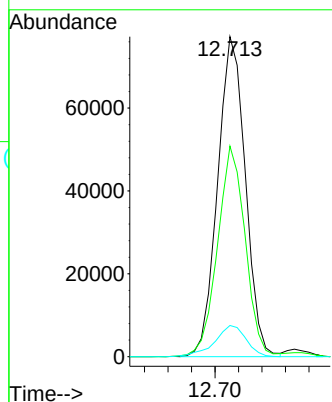
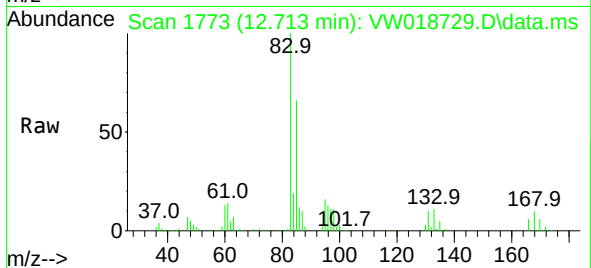




#57
1,1,2,2-Tetrachloroethane
Concen: 20.77 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW018729.D
Acq: 22 Apr 2021 12:18

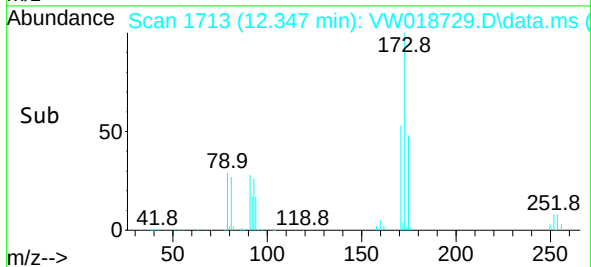
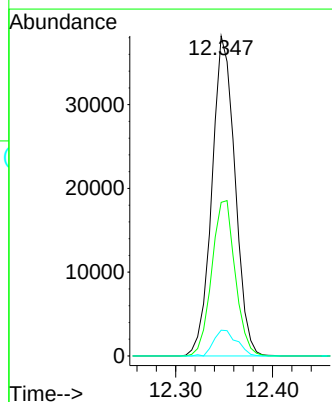
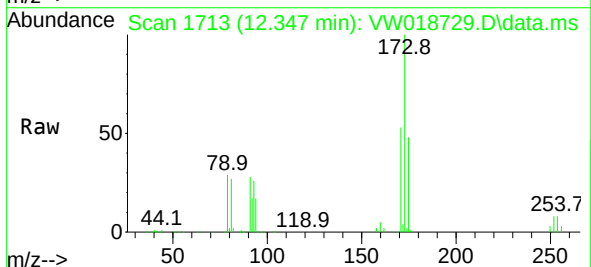
Instrument :
MSVOA_W
ClientSampled :

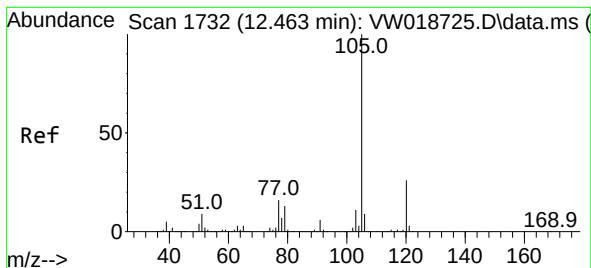
Tgt Ion: 83 Resp: 126771
Ion Ratio Lower Upper
83 100
85 65.8 44.4 82.4
131 9.8 8.2 12.4



#59
Bromoform
Concen: 26.10 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW018729.D
Acq: 22 Apr 2021 12:18

Tgt Ion: 173 Resp: 63215
Ion Ratio Lower Upper
173 100
175 49.4 37.5 56.3
254 8.0 7.0 10.4

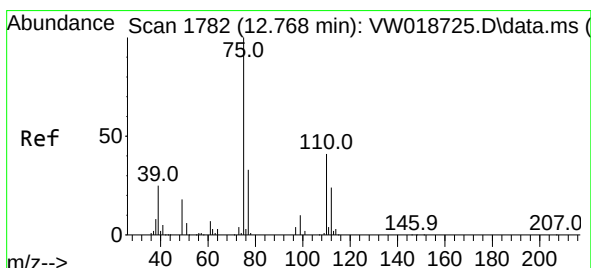
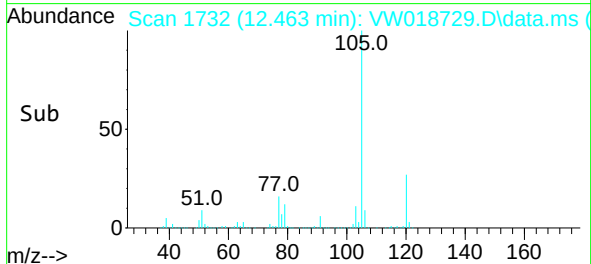
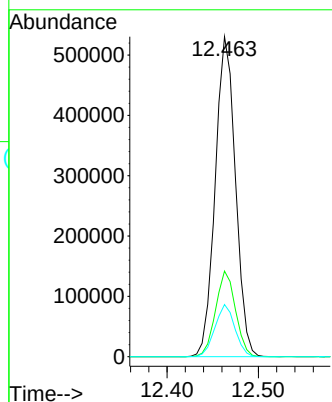
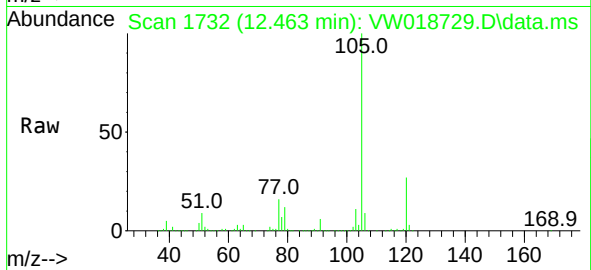




#60
Isopropylbenzene
Concen: 32.68 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW018729.D
Acq: 22 Apr 2021 12:18

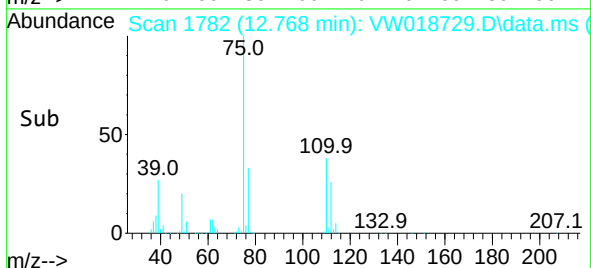
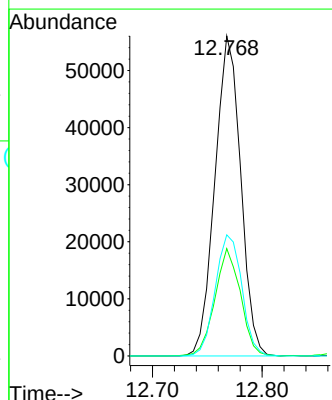
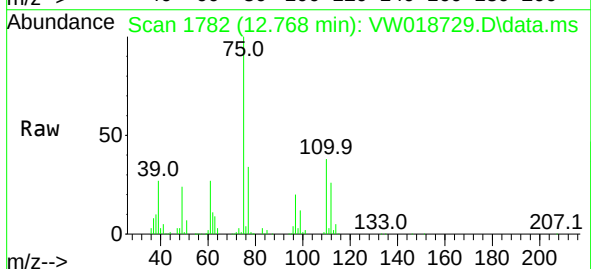
Instrument :
MSVOA_W
ClientSampled :

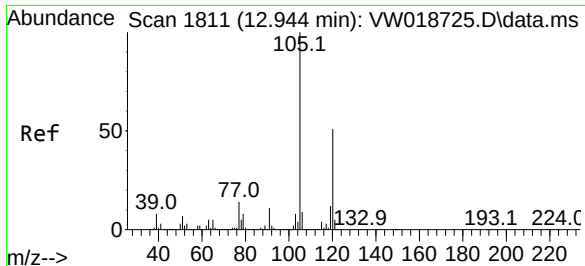
Tgt Ion:105 Resp: 816506
Ion Ratio Lower Upper
105 100
120 26.3 21.1 31.7
77 16.1 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 23.63 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW018729.D
Acq: 22 Apr 2021 12:18

Tgt Ion: 75 Resp: 91710
Ion Ratio Lower Upper
75 100
77 33.3 25.3 37.9
110 38.9 32.6 48.8

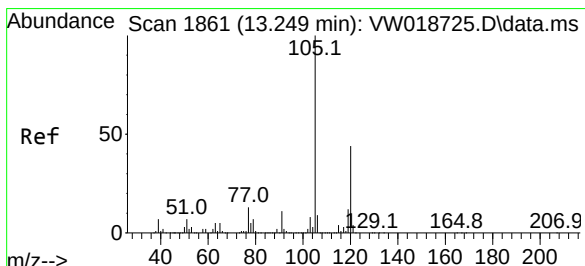
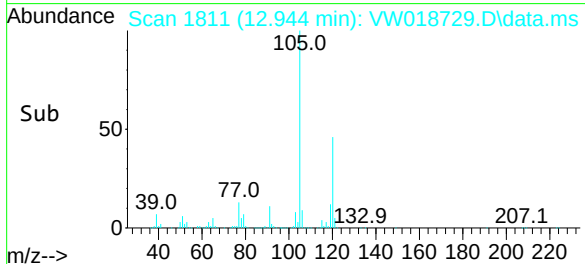
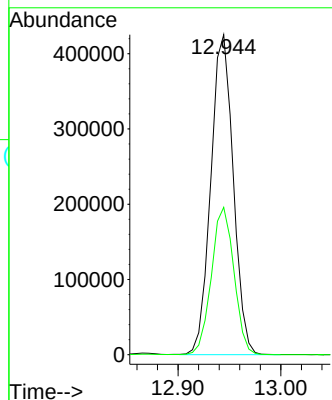
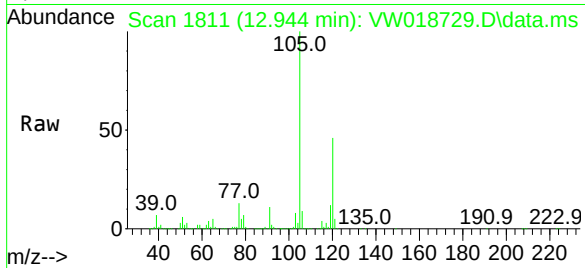




#62
1,3,5-Trimethylbenzene
Concen: 31.13 ug/L
RT: 12.944 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW018729.D
Acq: 22 Apr 2021 12:18

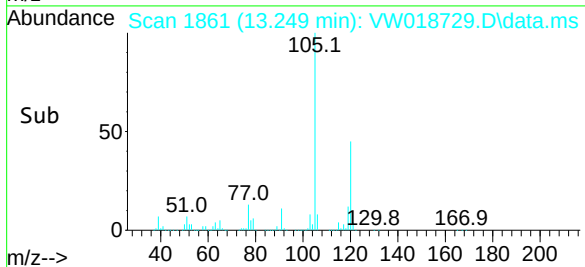
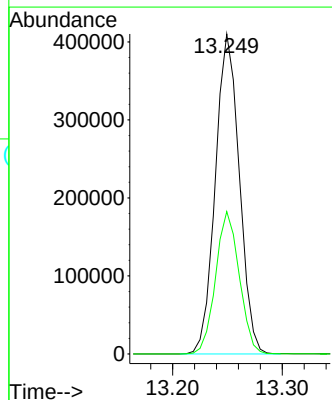
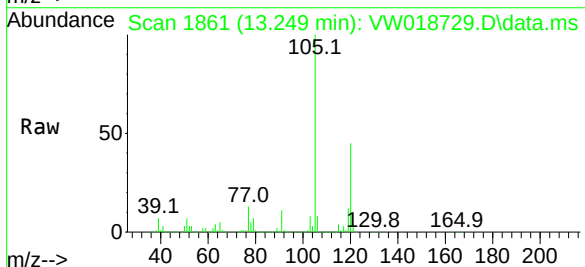
Instrument :
MSVOA_W
ClientSampled :

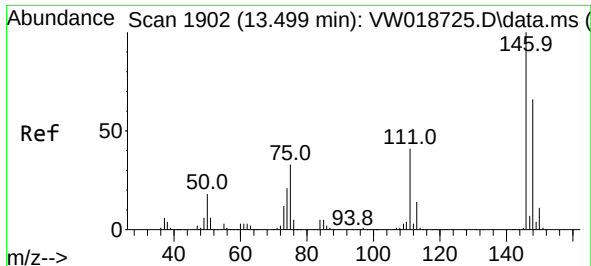
Tgt Ion:105 Resp: 644418
Ion Ratio Lower Upper
105 100
120 46.3 39.0 58.6



#63
1,2,4-Trimethylbenzene
Concen: 30.17 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW018729.D
Acq: 22 Apr 2021 12:18

Tgt Ion:105 Resp: 623212
Ion Ratio Lower Upper
105 100
120 43.9 35.6 53.4

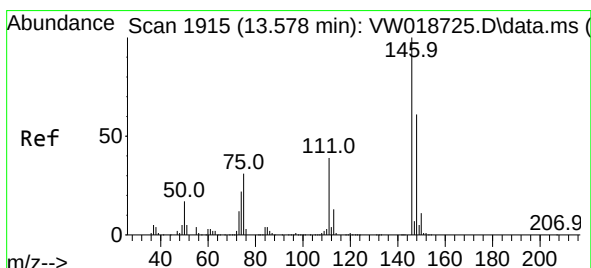
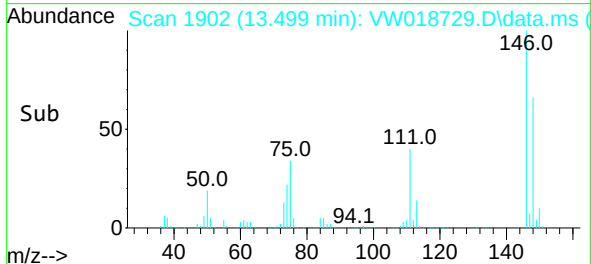
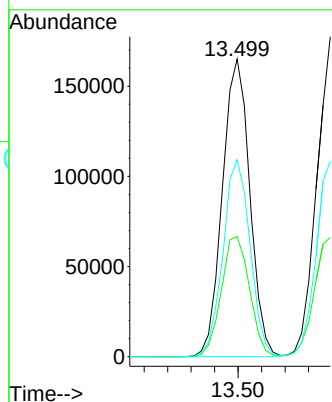
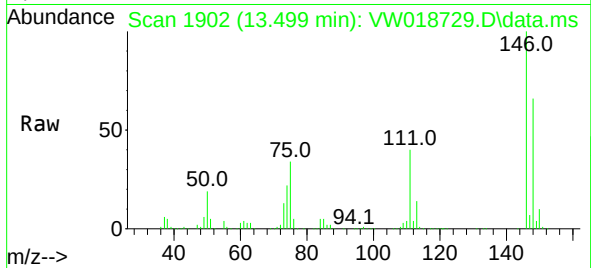




#64
1,3-Dichlorobenzene
Concen: 25.27 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW018729.D
Acq: 22 Apr 2021 12:18

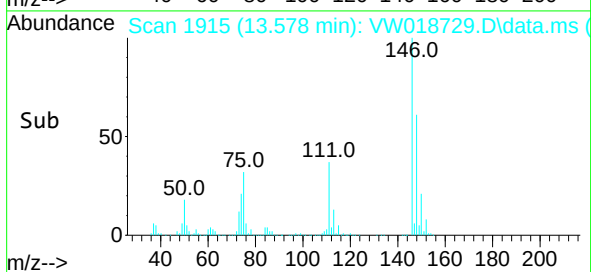
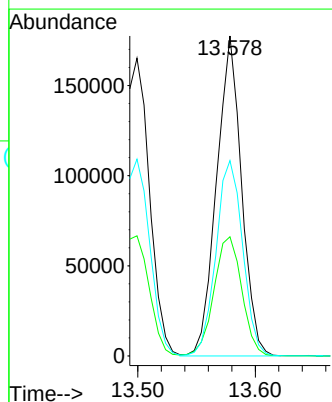
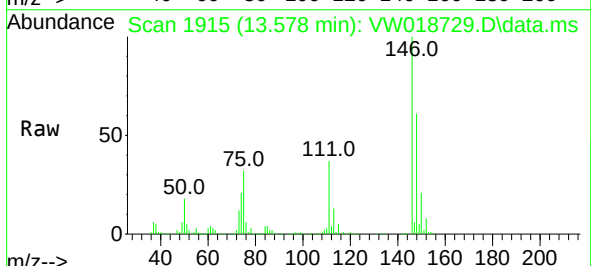
Instrument :
MSVOA_W
ClientSampleId :

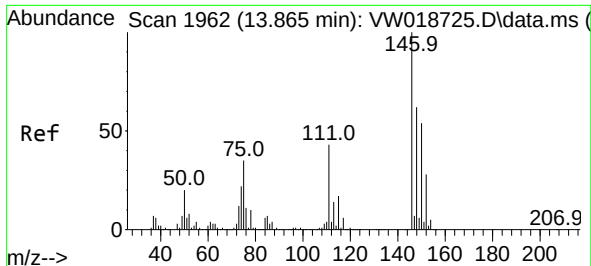
Tgt Ion:146 Resp: 267519
Ion Ratio Lower Upper
146 100
111 40.4 26.7 49.7
148 66.1 41.1 76.3



#65
1,4-Dichlorobenzene
Concen: 24.53 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW018729.D
Acq: 22 Apr 2021 12:18

Tgt Ion:146 Resp: 262767
Ion Ratio Lower Upper
146 100
111 37.3 28.8 53.4
148 61.0 46.8 87.0

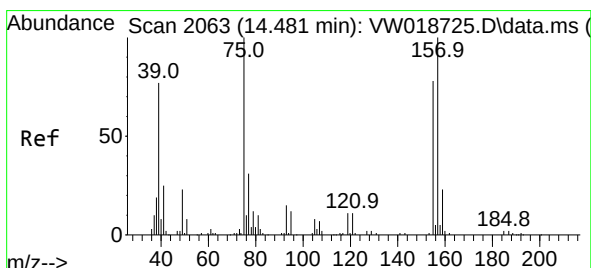
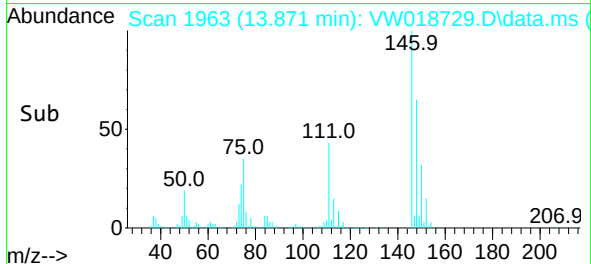
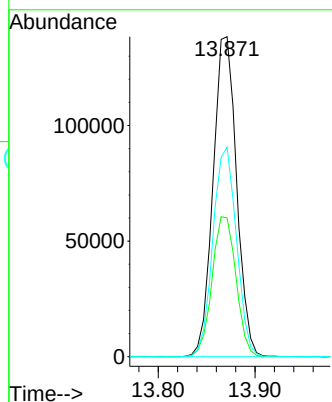
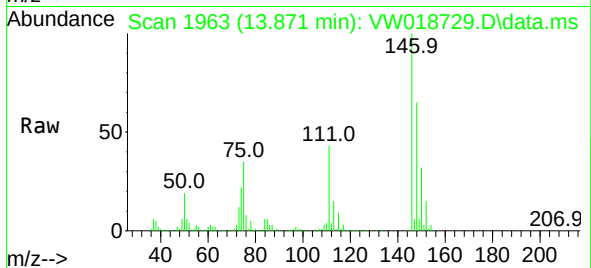




#67
1,2-Dichlorobenzene
Concen: 24.04 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VW018729.D
Acq: 22 Apr 2021 12:18

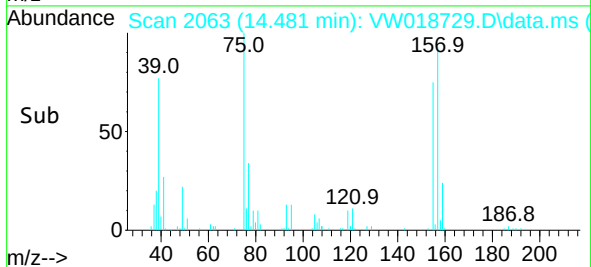
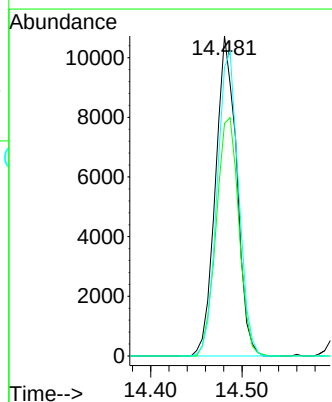
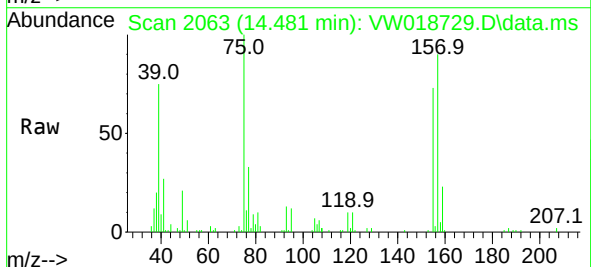
Instrument :
MSVOA_W
ClientSampled :

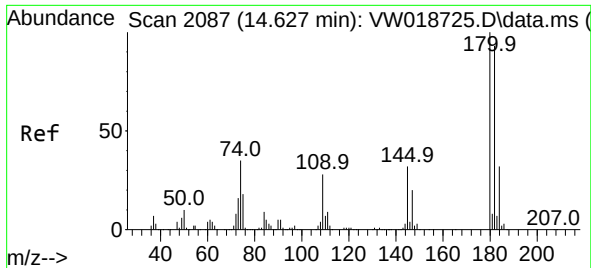
Tgt Ion:146 Resp: 234186
Ion Ratio Lower Upper
146 100
111 43.4 33.2 49.8
148 65.5 50.4 75.6



#68
1,2-Dibromo-3-chloropropane
Concen: 21.41 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW018729.D
Acq: 22 Apr 2021 12:18

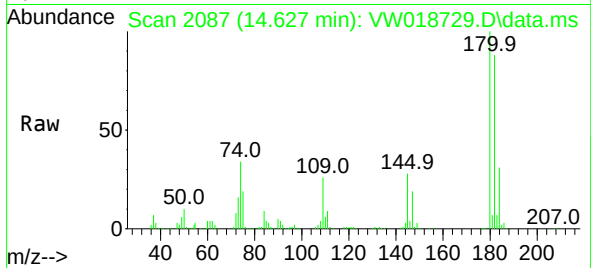
Tgt Ion: 75 Resp: 17267
Ion Ratio Lower Upper
75 100
155 72.7 59.4 89.0
157 90.2 72.2 108.2



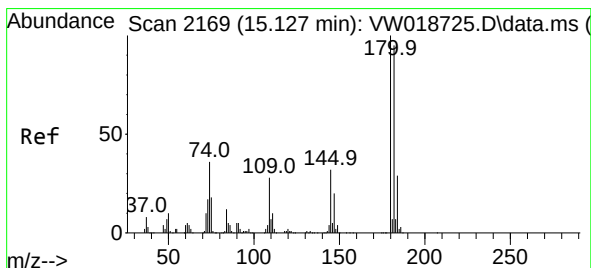
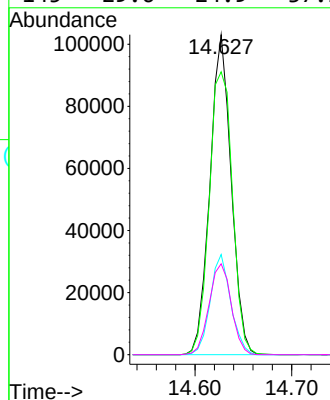
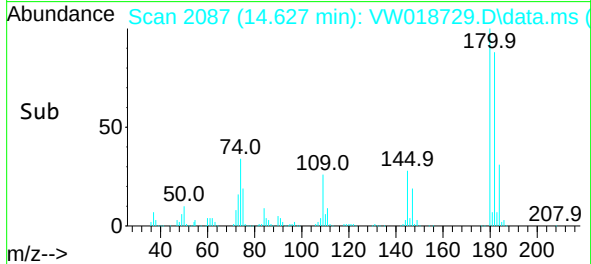


#69
1,3,5-Trichlorobenzene
Concen: 20.83 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW018729.D
Acq: 22 Apr 2021 12:18

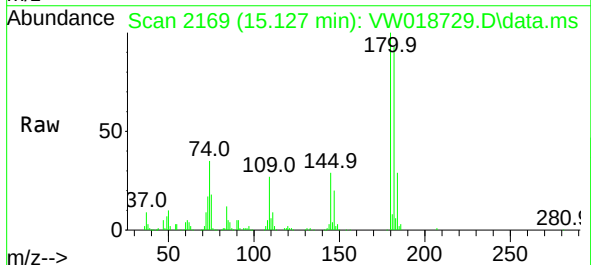
Instrument :
MSVOA_W
ClientSampleId :



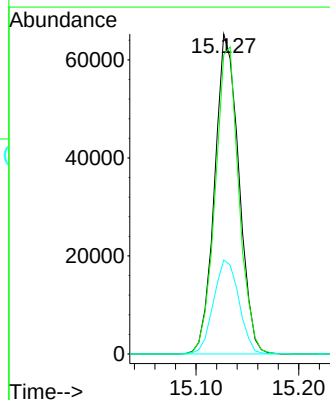
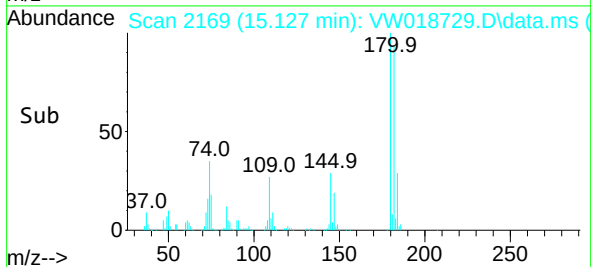
Tgt Ion:180 Resp: 157467
Ion Ratio Lower Upper
180 100
182 96.8 73.4 110.2
184 30.3 23.6 35.4
145 29.6 24.9 37.3

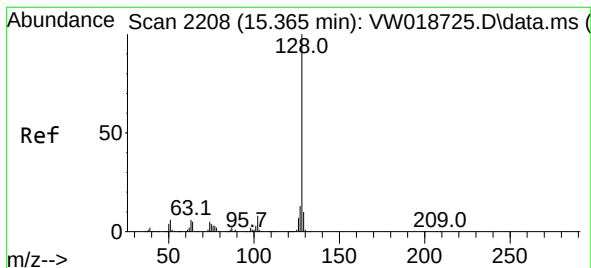


#70
1,2,4-trichlorobenzene
Concen: 17.32 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW018729.D
Acq: 22 Apr 2021 12:18



Tgt Ion:180 Resp: 106599
Ion Ratio Lower Upper
180 100
182 93.9 74.7 112.1
145 30.8 25.0 37.4

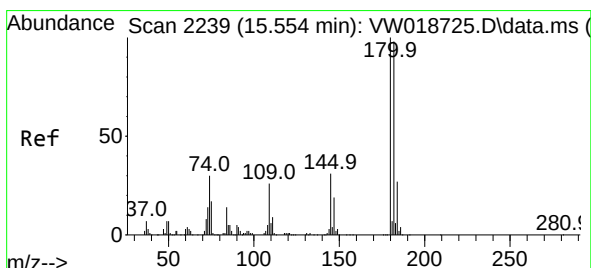
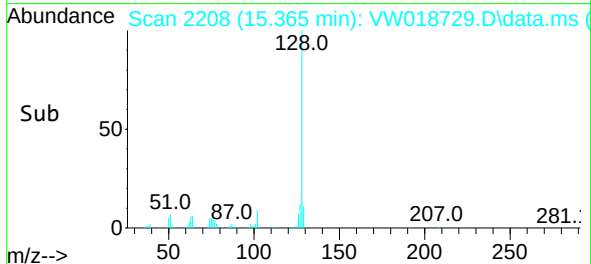
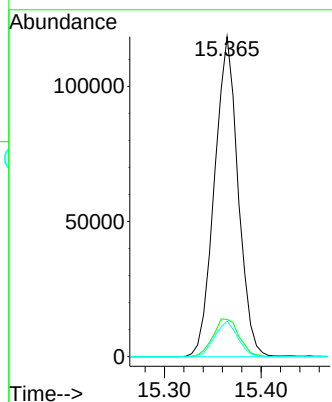
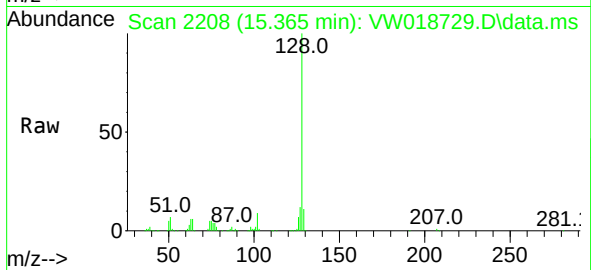




#71
Naphthalene
Concen: 15.50 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW018729.D
Acq: 22 Apr 2021 12:18

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion:128 Resp: 200892
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 10.9 9.0 13.6



#72
1,2,3-Trichlorobenzene
Concen: 15.59 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW018729.D
Acq: 22 Apr 2021 12:18

Tgt Ion:180 Resp: 84661
Ion Ratio Lower Upper
180 100
182 98.3 76.7 115.1
145 33.7 28.9 43.3

