

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042821\
 Data File : VW018821.D
 Acq On : 28 Apr 2021 15:32
 Operator : SY/VA
 Sample : M2177-05RE
 Misc : 5.41G/10ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 29 00:15:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Apr 29 00:13:39 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	25781	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	21117	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	7116	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	4893	12.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	49.96%
7) Chloroethane-d5	2.891	69	5565	16.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.12%
11) 1,1-Dichloroethene-d2	4.032	63	7010	10.30	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	41.20%#
21) 2-Butanone-d5	7.098	46	5677	63.66	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.32%
24) Chloroform-d	7.653	84	15453	21.84	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.36%
26) 1,2-Dichloroethane-d4	8.311	65	10089	25.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.44%
32) Benzene-d6	8.281	84	23828	19.23	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.92%
36) 1,2-Dichloropropane-d6	9.281	67	9410	25.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.84%
41) Toluene-d8	10.323	98	17060	15.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	60.24%
43) trans-1,3-Dichloroprop...	10.579	79	3368	21.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.76%
47) 2-Hexanone-d5	10.927	63	5010	77.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	154.36%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	9870	31.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	126.64%#
66) 1,2-Dichlorobenzene-d4	13.853	152	5667	22.67	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.68%
Target Compounds						Qvalue
3) Chloromethane	2.459	50	168	0.50	ug/L	89
13) Acetone	4.135	43	1281	19.79	ug/L	81
14) Carbon disulfide	4.397	76	1064	1.05	ug/L #	75
16) Methylene chloride	4.922	84	3421	8.10	ug/L	88
37) 1,2-Dichloropropane	9.281	63	1129	3.36	ug/L #	85
46) Tetrachloroethene	10.872	164	189	0.78	ug/L #	33
48) 2-Hexanone	10.969	43	113	0.87	ug/L #	27
50) 1,2-Dibromoethane	11.244	107	157	0.66	ug/L #	39
54) o-Xylene	12.170	106	205	0.37	ug/L	67
57) 1,1,2,2-Tetrachloroethane	12.695	83	1102	3.55	ug/L #	53
59) Bromoform	12.353	173	368	3.63	ug/L #	62
61) 1,2,3-Trichloropropane	12.847	75	189	1.16	ug/L #	1
64) 1,3-Dichlorobenzene	13.499	146	181	0.41	ug/L #	1
65) 1,4-Dichlorobenzene	13.579	146	561	1.25	ug/L #	1
67) 1,2-Dichlorobenzene	13.865	146	218	0.53	ug/L #	1
69) 1,3,5-Trichlorobenzene	14.633	180	250	0.79	ug/L #	57
70) 1,2,4-trichlorobenzene	15.115	180	330	1.28	ug/L #	59
71) Naphthalene	15.365	128	408	0.75	ug/L #	1
72) 1,2,3-Trichlorobenzene	15.542	180	167	0.73	ug/L #	10

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Instrument :
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ClientSampleId :

Quant Time: Apr 29 00:15:35 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Apr 29 00:13:39 2021
Response via : Initial Calibration

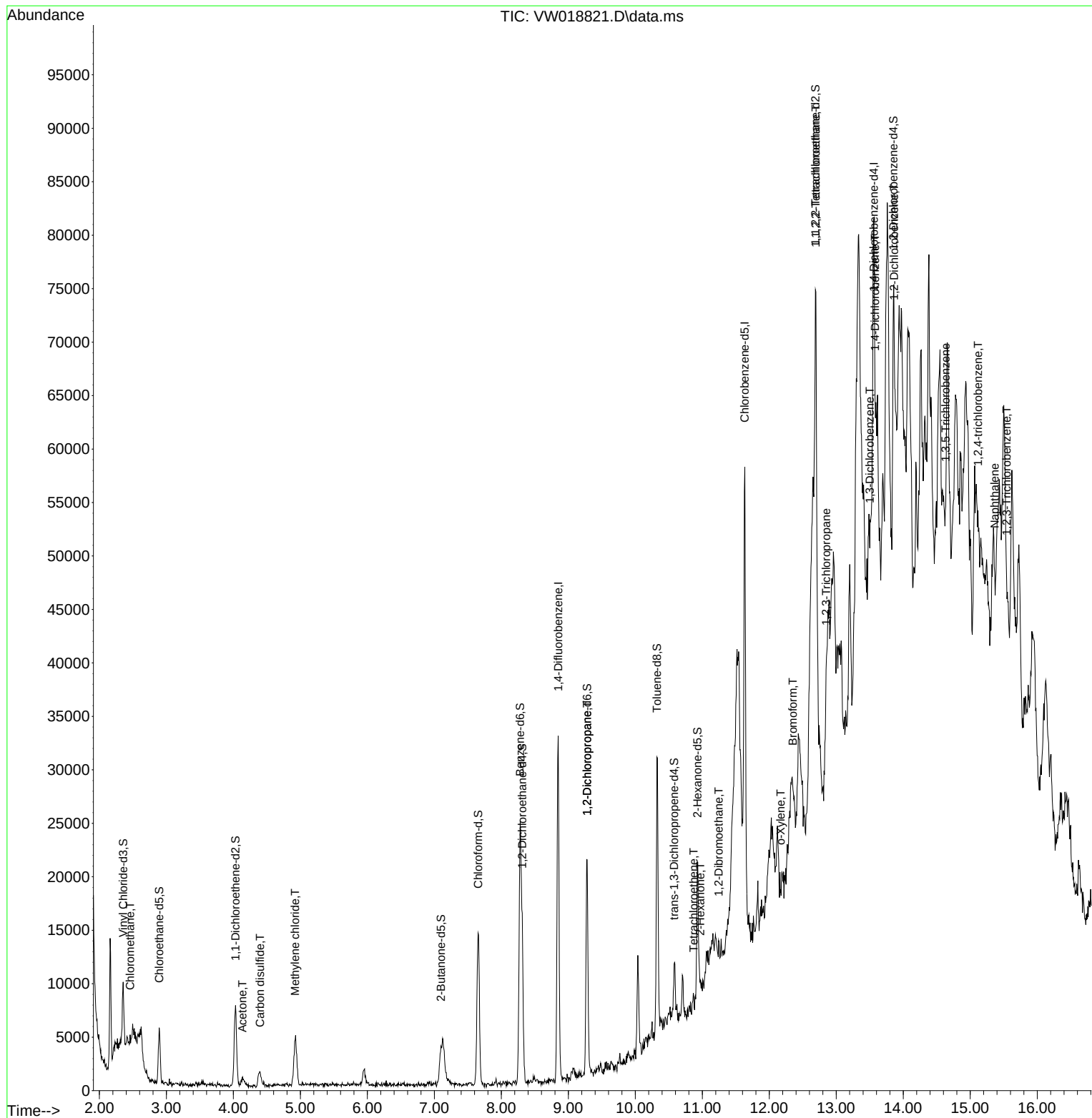
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

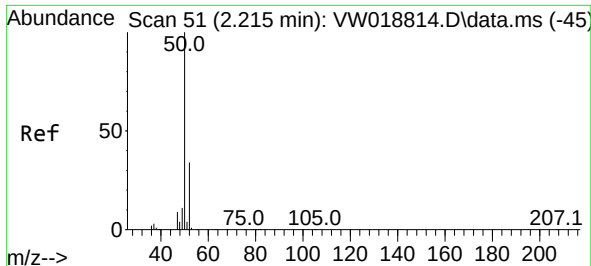
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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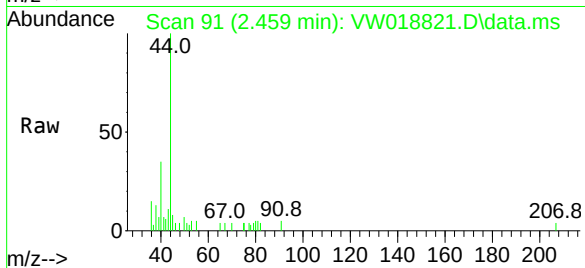
Quant Time: Apr 29 00:15:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM041421SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Apr 29 00:13:39 2021
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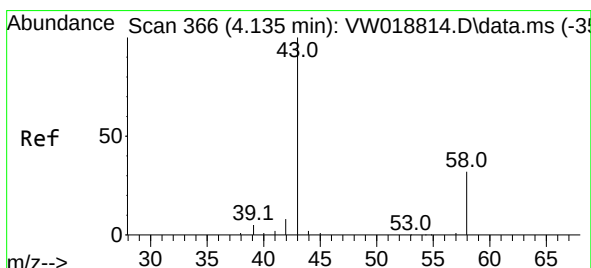
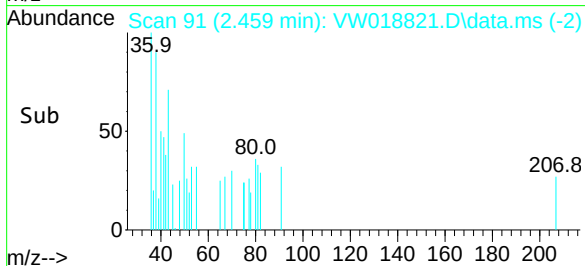
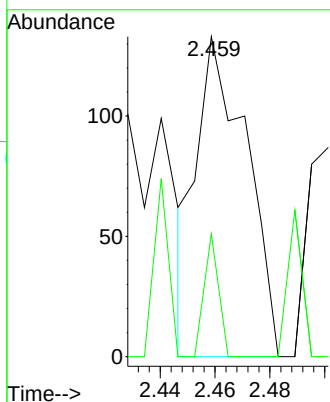


#3
Chloromethane
Concen: 0.50 ug/L
RT: 2.459 min Scan# 91
Delta R.T. 0.244 min
Lab File: VW018821.D
Acq: 28 Apr 2021 15:32

Instrument :
MSVOA_W
ClientSampled :

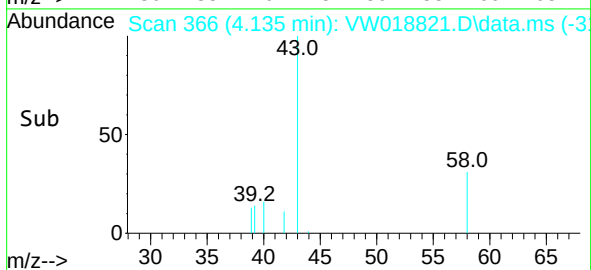
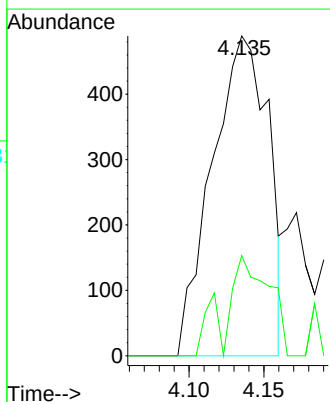
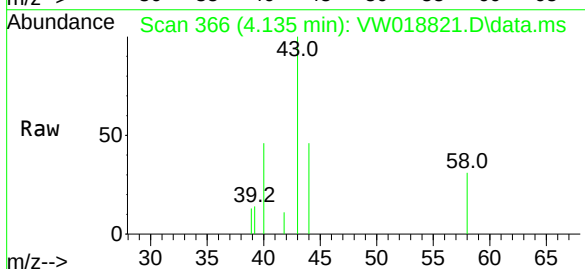


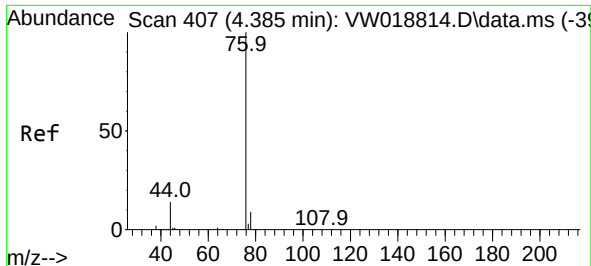
Tgt Ion: 50 Resp: 168
Ion Ratio Lower Upper
50 100
52 38.3 22.5 41.9



#13
Acetone
Concen: 19.79 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW018821.D
Acq: 28 Apr 2021 15:32

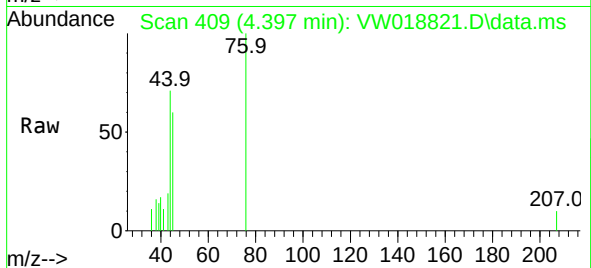
Tgt Ion: 43 Resp: 1281
Ion Ratio Lower Upper
43 100
58 17.0 0.0 53.8



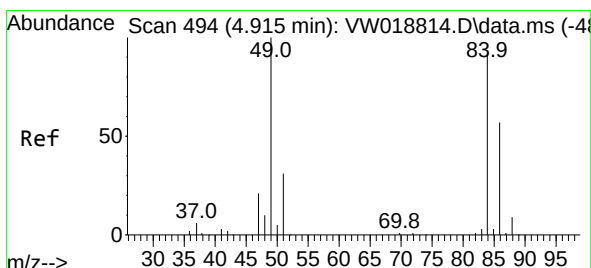
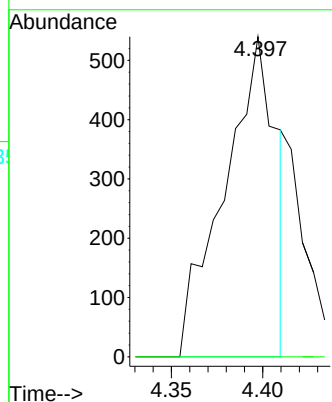
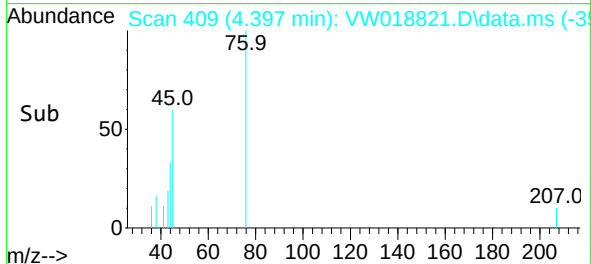


#14
Carbon disulfide
Concen: 1.05 ug/L
RT: 4.397 min Scan# 409
Delta R.T. 0.012 min
Lab File: VW018821.D
Acq: 28 Apr 2021 15:32

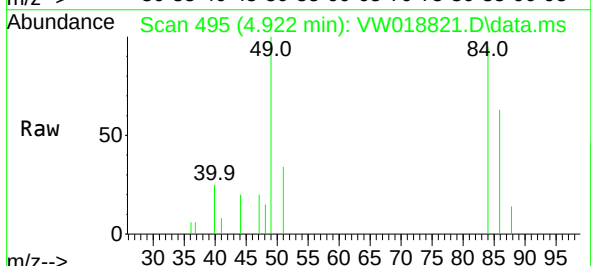
Instrument :
MSVOA_W
ClientSampled :



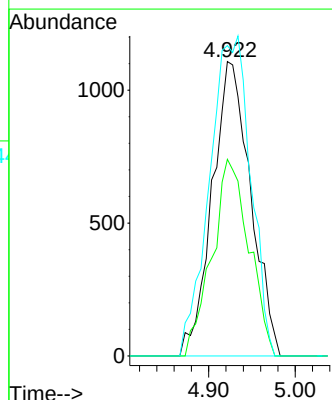
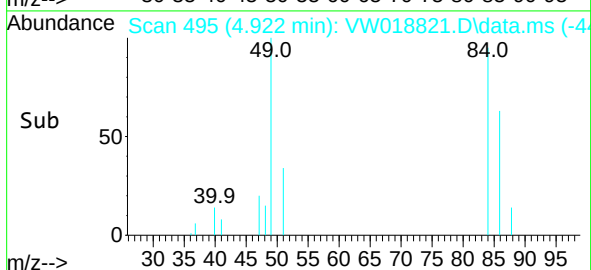
Tgt Ion: 76 Resp: 1064
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#

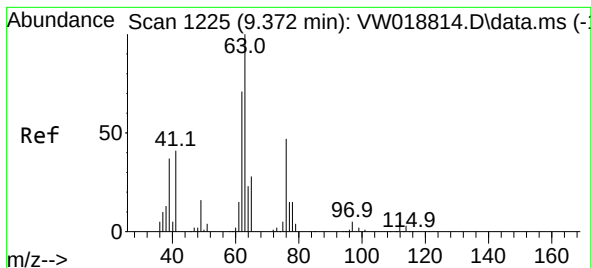


#16
Methylene chloride
Concen: 8.10 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018821.D
Acq: 28 Apr 2021 15:32



Tgt Ion: 84 Resp: 3421
Ion Ratio Lower Upper
84 100
86 66.8 45.3 84.1
49 105.4 86.6 160.8

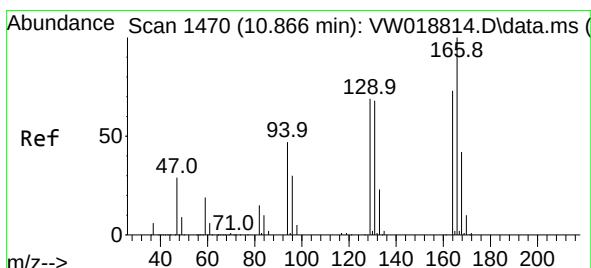
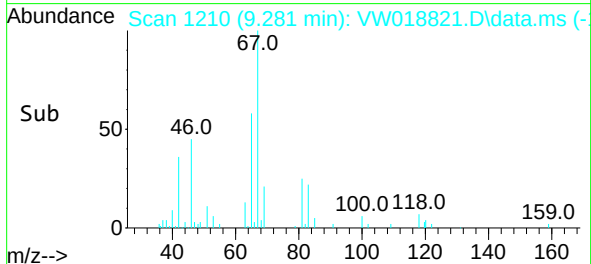
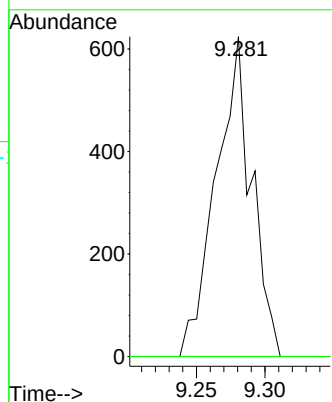
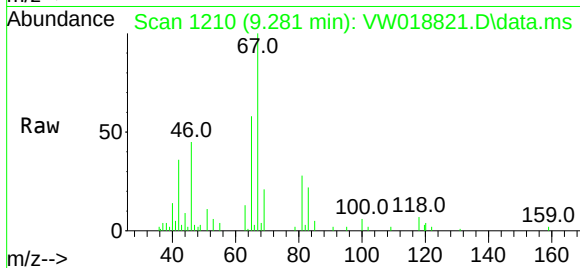




#37
1,2-Dichloropropane
Concen: 3.36 ug/L
RT: 9.281 min Scan# 1210
Delta R.T. -0.091 min
Lab File: VW018821.D
Acq: 28 Apr 2021 15:32

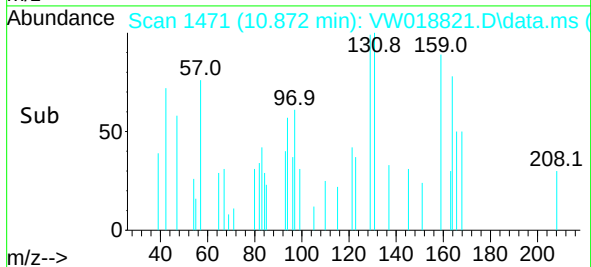
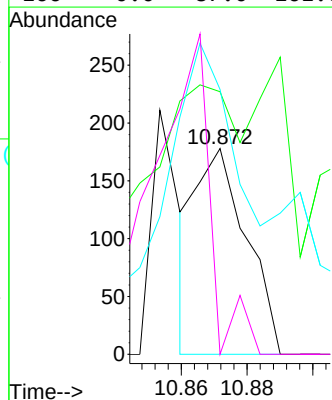
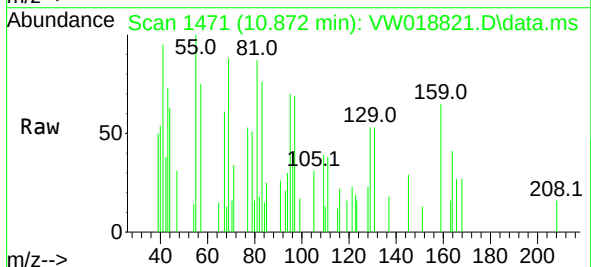
Instrument :
MSVOA_W
ClientSampled :

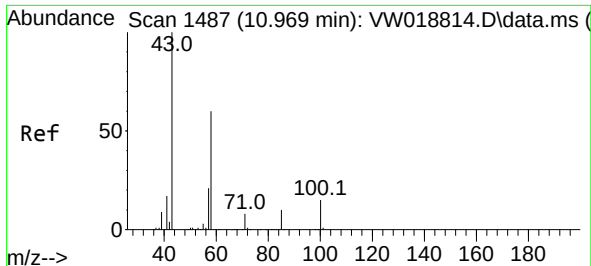
Tgt Ion: 63 Resp: 1129
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#



#46
Tetrachloroethene
Concen: 0.78 ug/L
RT: 10.872 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VW018821.D
Acq: 28 Apr 2021 15:32

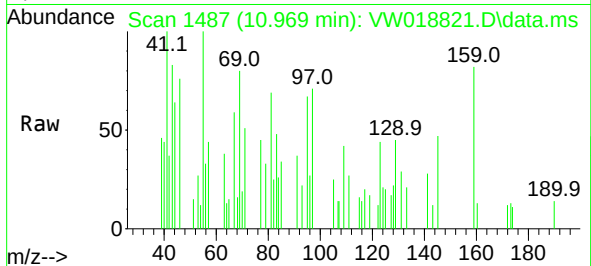
Tgt Ion: 164 Resp: 189
Ion Ratio Lower Upper
164 100
129 127.5 66.7 123.9#
131 128.7 61.1 113.5#
166 0.0 87.0 161.6#



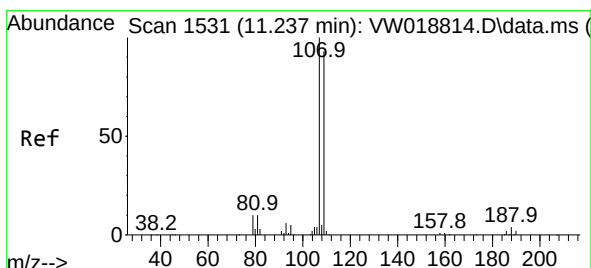
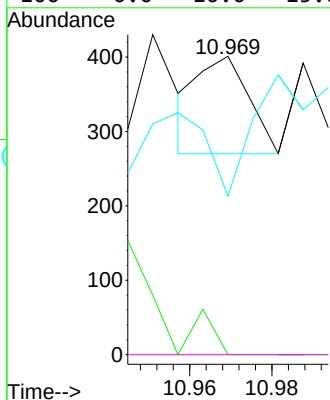
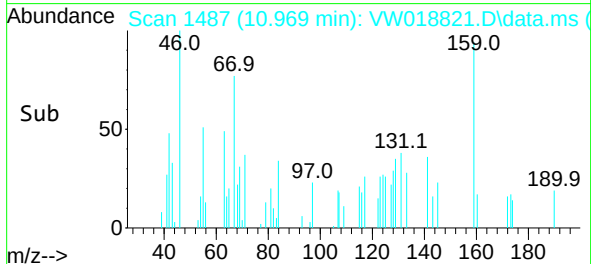


#48
2-Hexanone
Concen: 0.87 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW018821.D
Acq: 28 Apr 2021 15:32

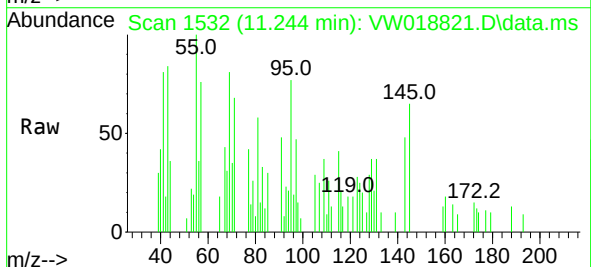
Instrument :
MSVOA_W
ClientSampled :



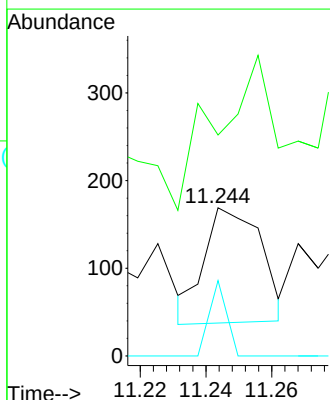
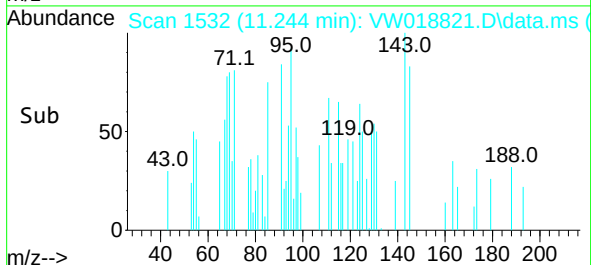
Tgt Ion:	43	Resp:	113
Ion	Ratio	Lower	Upper
43	100		
58	19.5	42.7	64.1#
57	96.5	15.8	23.8#
100	0.0	10.0	15.0#

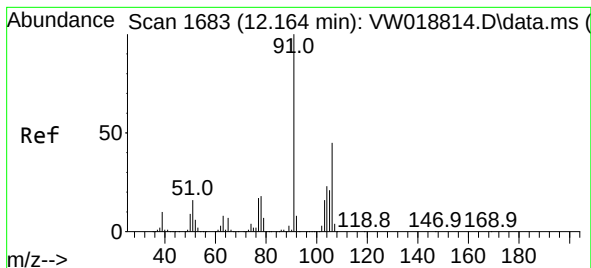


#50
1,2-Dibromoethane
Concen: 0.66 ug/L
RT: 11.244 min Scan# 1532
Delta R.T. 0.006 min
Lab File: VW018821.D
Acq: 28 Apr 2021 15:32



Tgt Ion:	107	Resp:	157
Ion	Ratio	Lower	Upper
107	100		
109	149.1	65.4	121.4#
188	50.9	2.6	4.0#

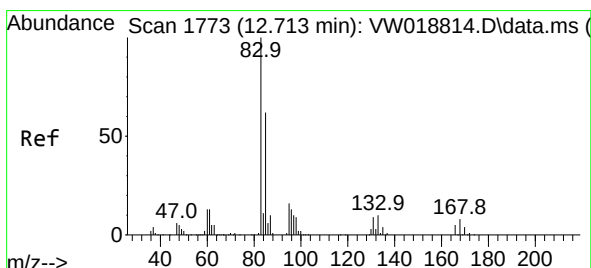
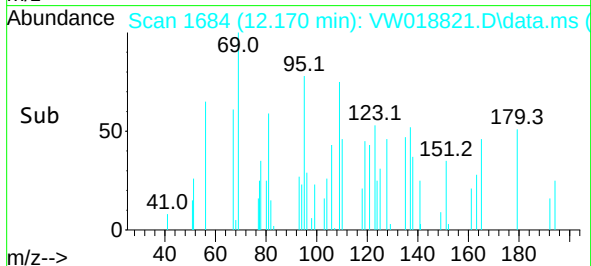
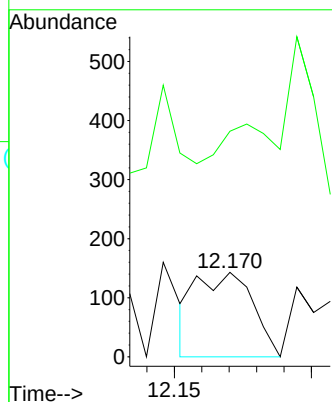
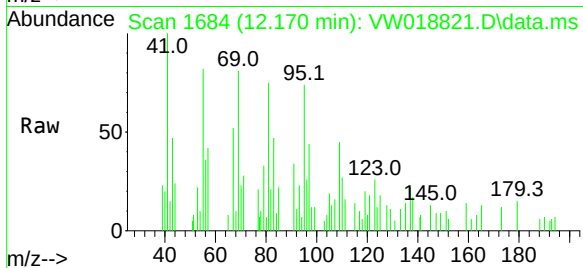




#54
o-Xylene
Concen: 0.37 ug/L
RT: 12.170 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VW018821.D
Acq: 28 Apr 2021 15:32

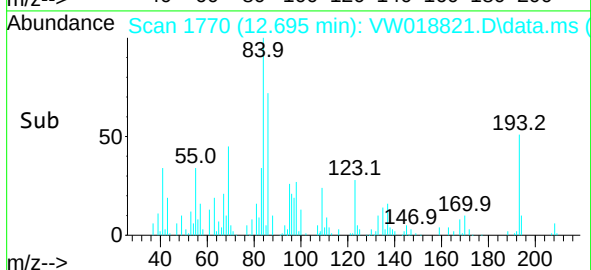
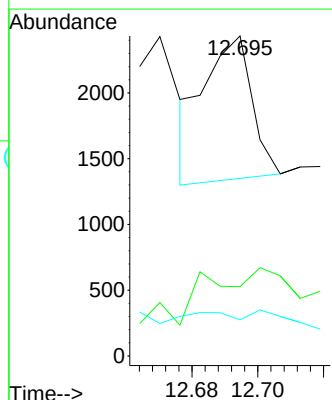
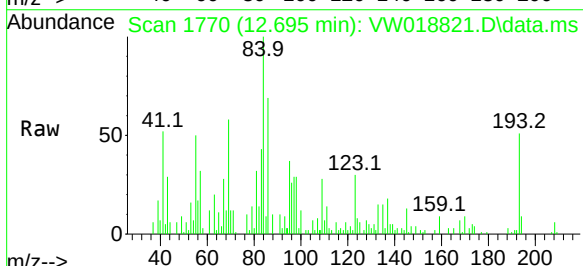
Instrument :
MSVOA_W
ClientSampled :

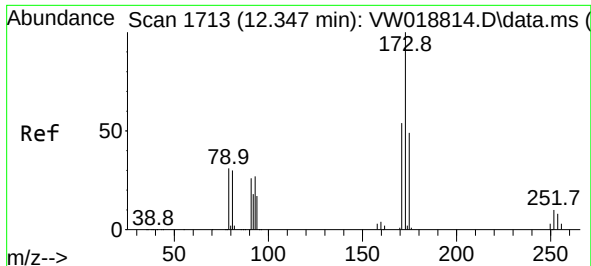
Tgt Ion:106 Resp: 205
Ion Ratio Lower Upper
106 100
91 267.1 150.0 278.6



#57
1,1,2,2-Tetrachloroethane
Concen: 3.55 ug/L
RT: 12.695 min Scan# 1770
Delta R.T. -0.018 min
Lab File: VW018821.D
Acq: 28 Apr 2021 15:32

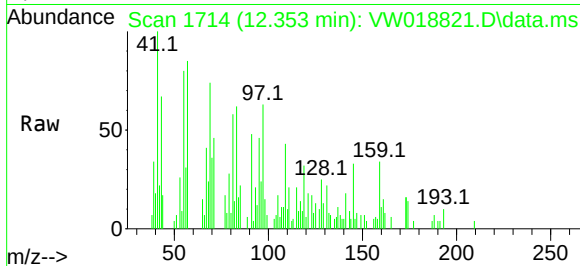
Tgt Ion: 83 Resp: 1102
Ion Ratio Lower Upper
83 100
85 21.7 44.4 82.4#
131 11.3 8.2 12.4



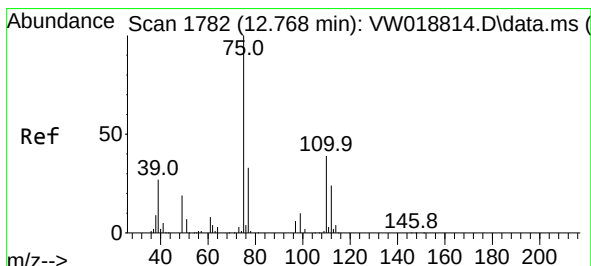
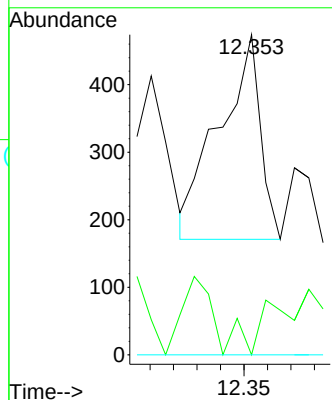
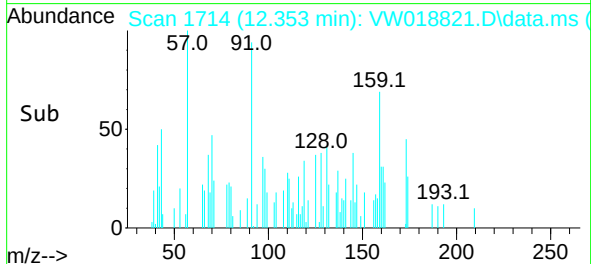


#59
Bromoform
Concen: 3.63 ug/L
RT: 12.353 min Scan# 1714
Delta R.T. 0.006 min
Lab File: VW018821.D
Acq: 28 Apr 2021 15:32

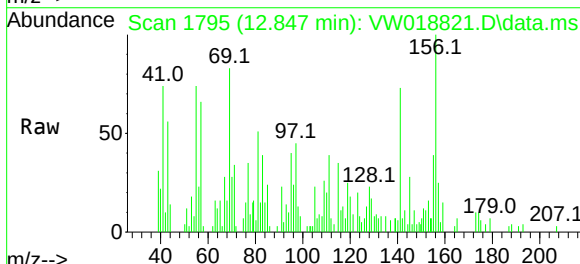
Instrument :
MSVOA_W
ClientSampled :



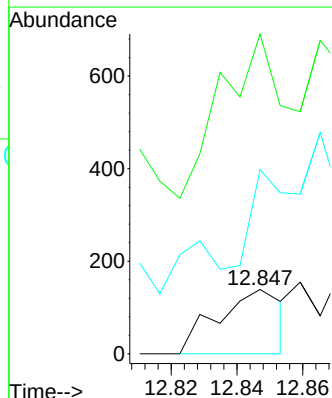
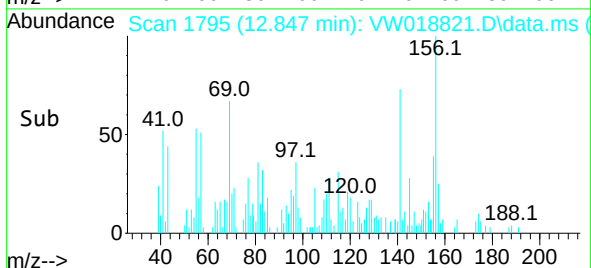
Tgt Ion:173 Resp: 368
Ion Ratio Lower Upper
173 100
175 19.6 37.5 56.3#
254 0.0 7.0 10.4#

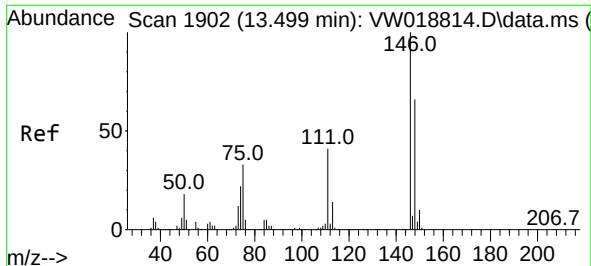


#61
1,2,3-Trichloropropane
Concen: 1.16 ug/L
RT: 12.847 min Scan# 1795
Delta R.T. 0.079 min
Lab File: VW018821.D
Acq: 28 Apr 2021 15:32



Tgt Ion: 75 Resp: 189
Ion Ratio Lower Upper
75 100
77 257.1 25.3 37.9#
110 129.1 32.6 48.8#

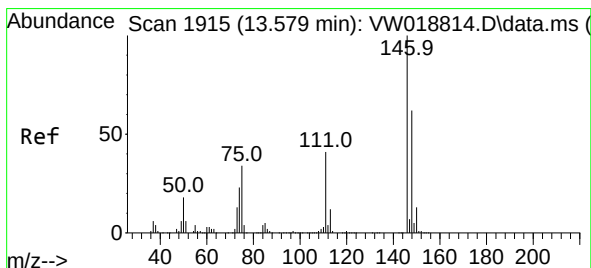
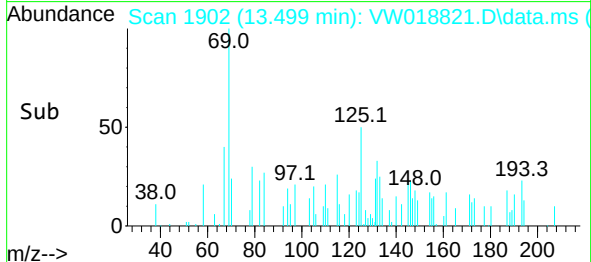
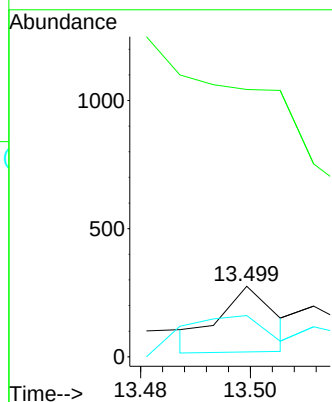
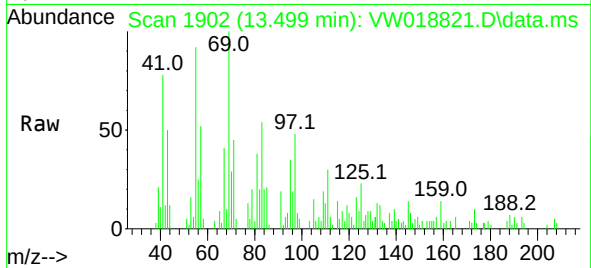




#64
1,3-Dichlorobenzene
Concen: 0.41 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW018821.D
Acq: 28 Apr 2021 15:32

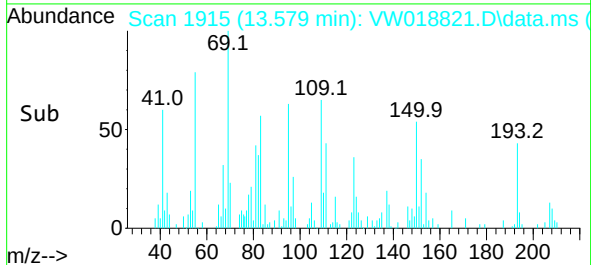
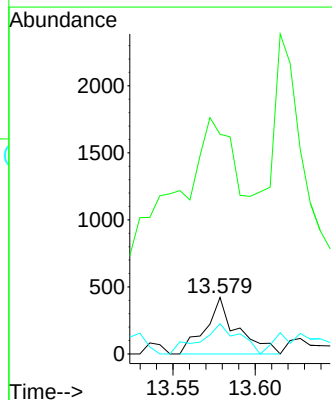
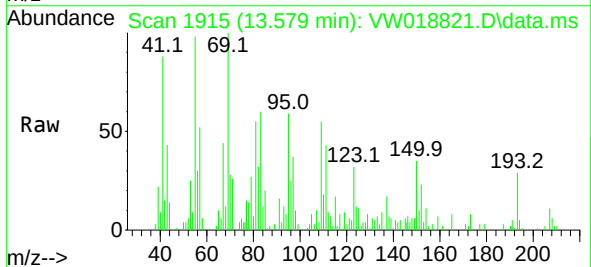
Instrument :
MSVOA_W
ClientSampleId :

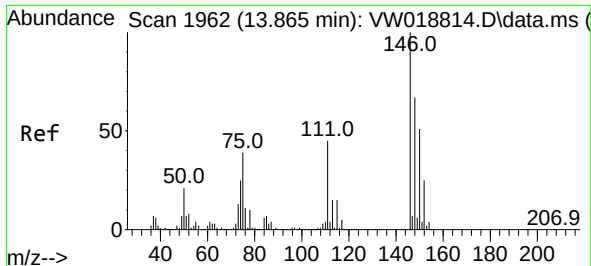
Tgt Ion:146 Resp: 181
Ion Ratio Lower Upper
146 100
111 379.3 26.7 49.7#
148 58.5 41.1 76.3



#65
1,4-Dichlorobenzene
Concen: 1.25 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW018821.D
Acq: 28 Apr 2021 15:32

Tgt Ion:146 Resp: 561
Ion Ratio Lower Upper
146 100
111 389.3 28.8 53.4#
148 53.4 46.8 87.0

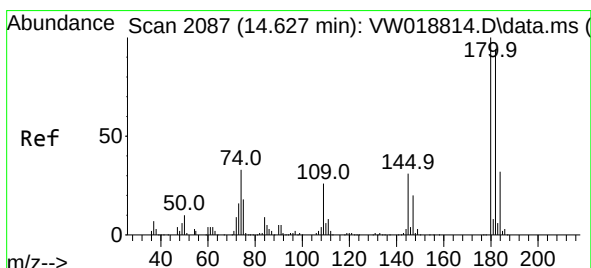
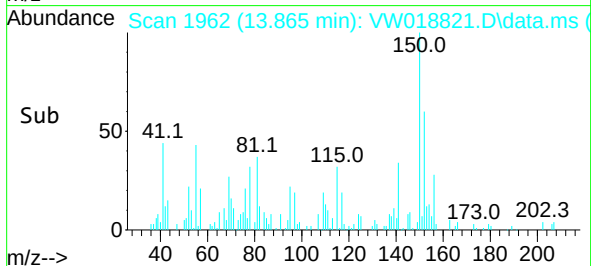
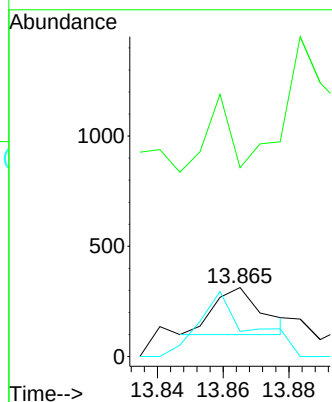
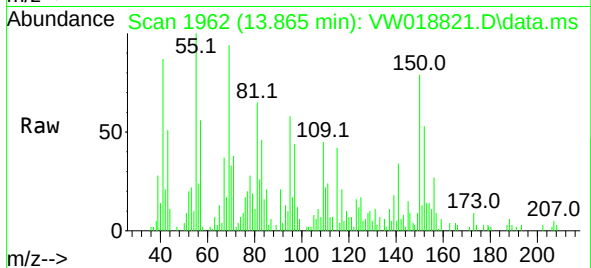




#67
1,2-Dichlorobenzene
Concen: 0.53 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VW018821.D
Acq: 28 Apr 2021 15:32

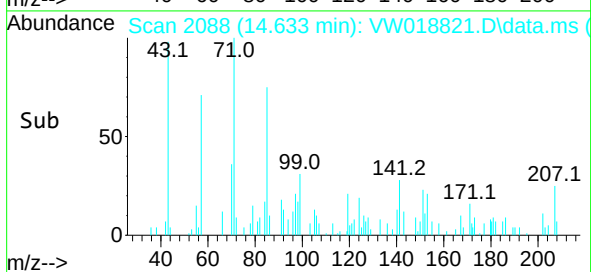
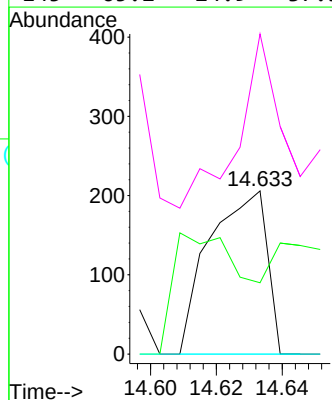
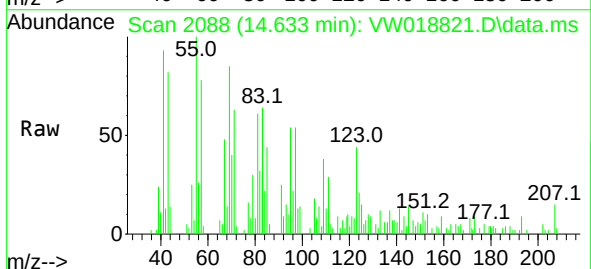
Instrument :
MSVOA_W
ClientSampled :

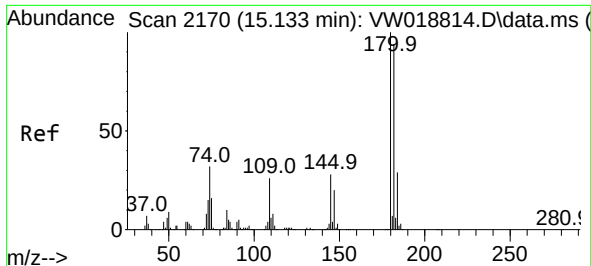
Tgt Ion:146 Resp: 218
Ion Ratio Lower Upper
146 100
111 273.8 33.2 49.8#
148 36.4 50.4 75.6#



#69
1,3,5-Trichlorobenzene
Concen: 0.79 ug/L
RT: 14.633 min Scan# 2088
Delta R.T. 0.006 min
Lab File: VW018821.D
Acq: 28 Apr 2021 15:32

Tgt Ion:180 Resp: 250
Ion Ratio Lower Upper
180 100
182 60.0 73.4 110.2#
184 0.0 23.6 35.4#
145 65.2 24.9 37.3#

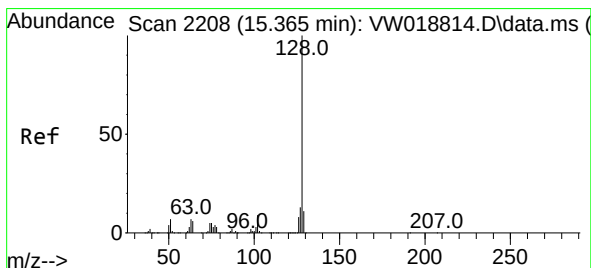
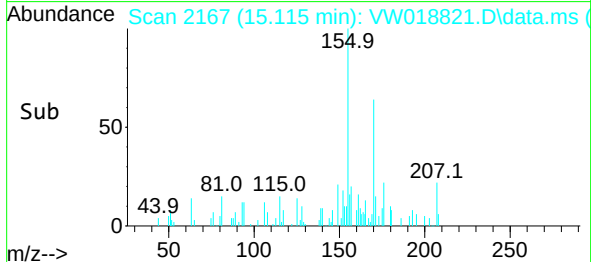
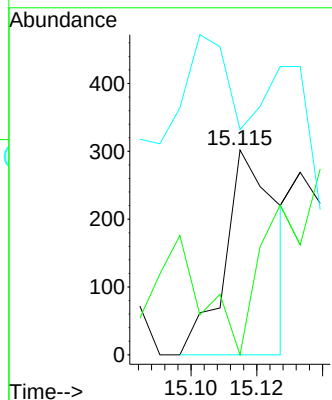
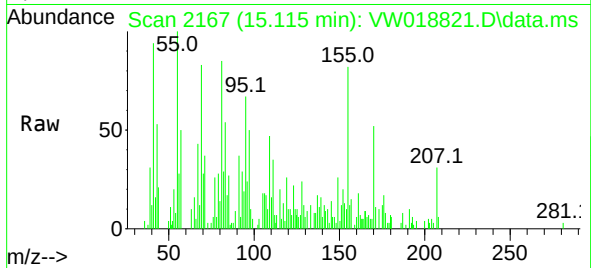




#70
1,2,4-trichlorobenzene
Concen: 1.28 ug/L
RT: 15.115 min Scan# 2167
Delta R.T. -0.018 min
Lab File: VW018821.D
Acq: 28 Apr 2021 15:32

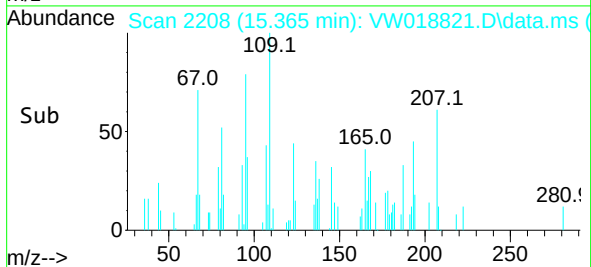
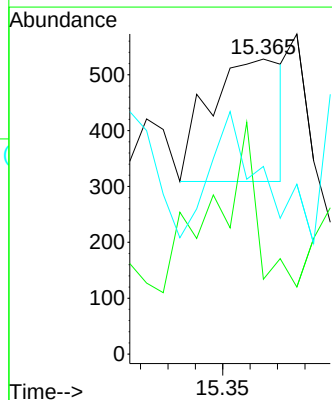
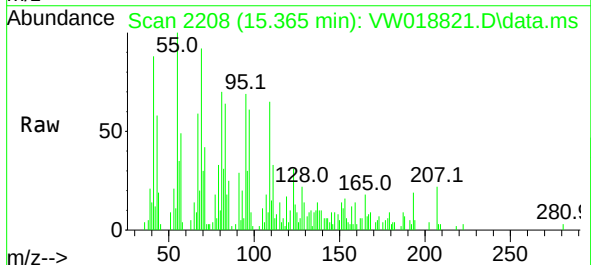
Instrument :
MSVOA_W
ClientSampled :

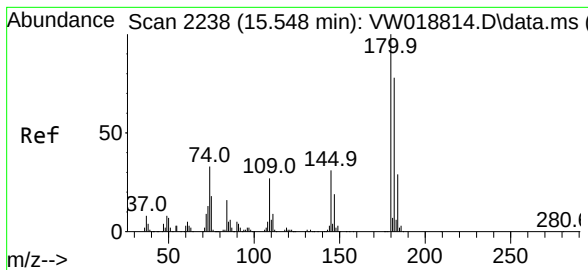
Tgt Ion:180 Resp: 330
Ion Ratio Lower Upper
180 100
182 60.0 74.7 112.1#
145 63.6 25.0 37.4#



#71
Naphthalene
Concen: 0.75 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW018821.D
Acq: 28 Apr 2021 15:32

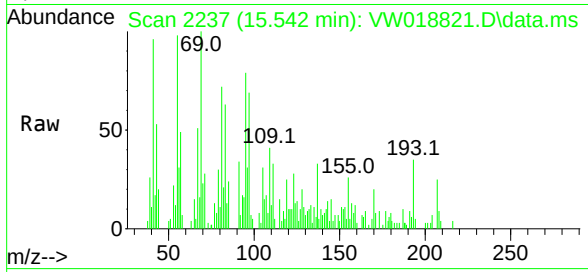
Tgt Ion:128 Resp: 408
Ion Ratio Lower Upper
128 100
127 39.5 10.6 15.8#
129 76.5 9.0 13.6#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.73 ug/L
 RT: 15.542 min Scan# 2237
 Delta R.T. -0.006 min
 Lab File: VW018821.D
 Acq: 28 Apr 2021 15:32

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:180 Resp: 167
 Ion Ratio Lower Upper
 180 100
 182 28.7 76.7 115.1#
 145 121.6 28.9 43.3#

