

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW043021\
 Data File : VW018873.D
 Acq On : 30 Apr 2021 11:54
 Operator : SY/VA
 Sample : M2177-20RE
 Misc : 5.72G/10ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 30 22:54:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 30 22:53:19 2021
 Response via : Initial Calibration

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

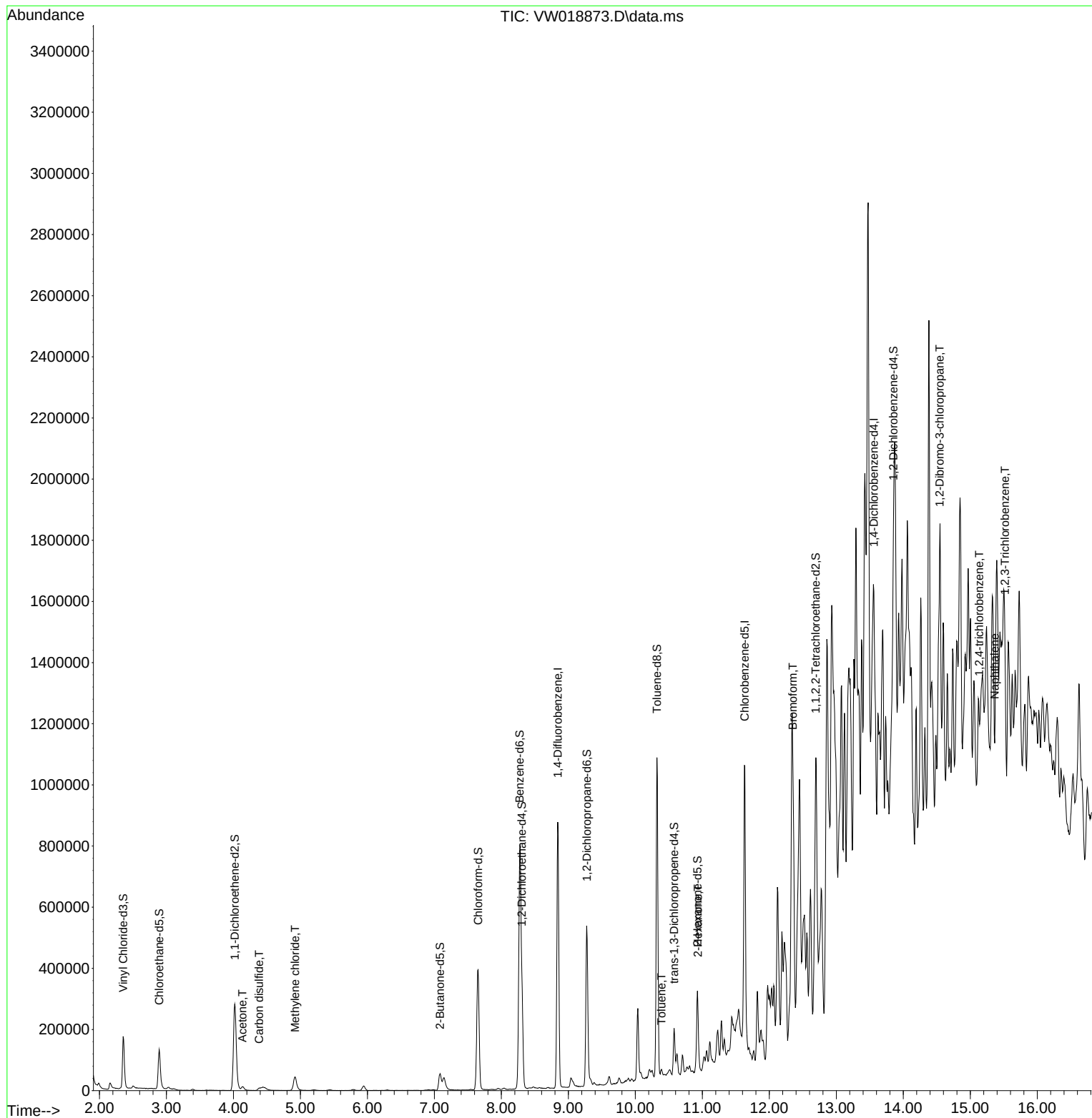
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	732472	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	515124	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	166311	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	202231	21.52	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	86.08%		
7) Chloroethane-d5	2.891	69	165490	22.73	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	90.92%		
11) 1,1-Dichloroethene-d2	4.019	63	307899	16.50	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	66.00%		
21) 2-Butanone-d5	7.086	46	92580	37.83	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	75.66%		
24) Chloroform-d	7.653	84	406368	21.14	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	84.56%		
26) 1,2-Dichloroethane-d4	8.305	65	226217	21.07	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	84.28%		
32) Benzene-d6	8.275	84	816548	28.05	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	112.20%		
36) 1,2-Dichloropropane-d6	9.274	67	239028	27.68	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	110.72%		
41) Toluene-d8	10.323	98	699655	25.78	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	103.12%		
43) trans-1,3-Dichloroprop...	10.579	79	80733	20.57	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	82.28%		
47) 2-Hexanone-d5	10.926	63	80878	52.31	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	104.62%		
56) 1,1,2,2-Tetrachloroeth...	12.694	84	159106	21.75	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	87.00%		
66) 1,2-Dichlorobenzene-d4	13.853	152	121994	21.41	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	85.64%		
Target Compounds					Qvalue	
13) Acetone	4.135	43	21811	11.63	ug/L	89
14) Carbon disulfide	4.385	76	15596	0.56	ug/L	98
16) Methylene chloride	4.921	84	36370	3.00	ug/L	93
42) Toluene	10.390	91	15005	0.44	ug/L	95
48) 2-Hexanone	10.933	43	30400	10.11	ug/L #	27
59) Bromoform	12.353	173	981	0.43	ug/L #	45
68) 1,2-Dibromo-3-chloropr...	14.542	75	1203	1.60	ug/L #	4
70) 1,2,4-trichlorobenzene	15.133	180	2444	0.41	ug/L #	1
71) Naphthalene	15.365	128	14600	1.15	ug/L #	1
72) 1,2,3-Trichlorobenzene	15.517	180	10047	1.90	ug/L #	1

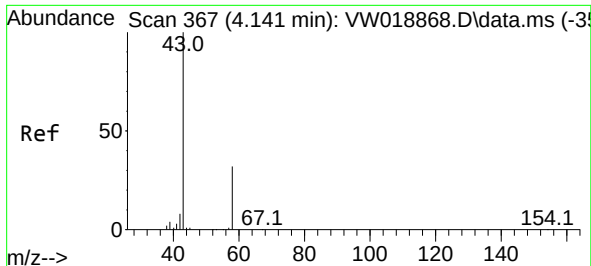
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Apr 30 22:53:19 2021
Response via : Initial Calibration

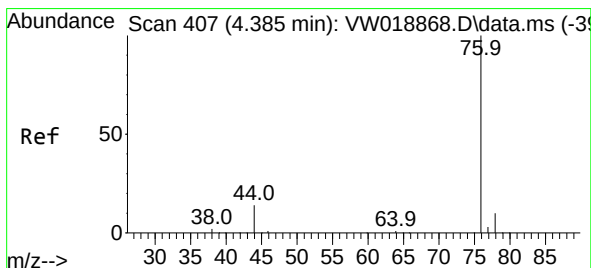
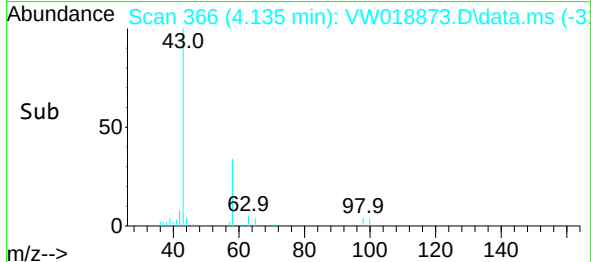
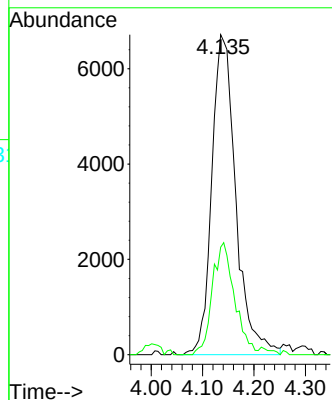
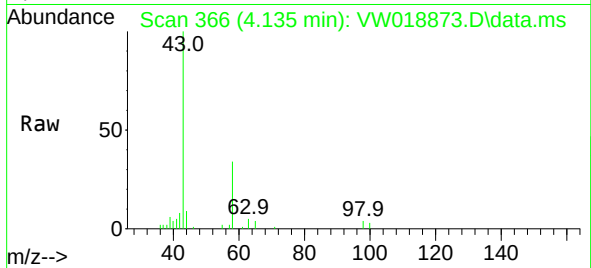




#13
Acetone
Concen: 11.63 ug/L
RT: 4.135 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW018873.D
Acq: 30 Apr 2021 11:54

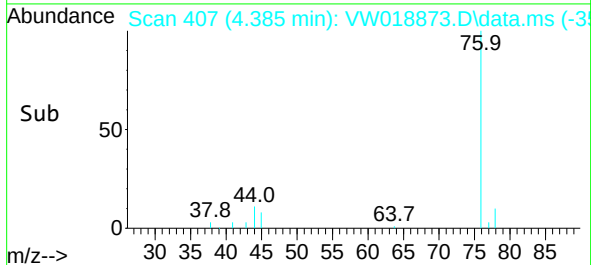
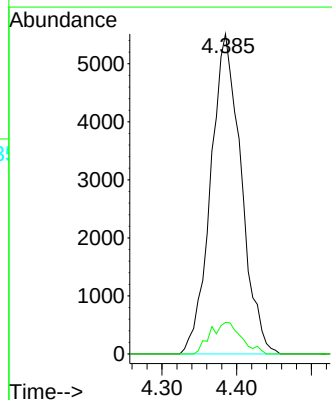
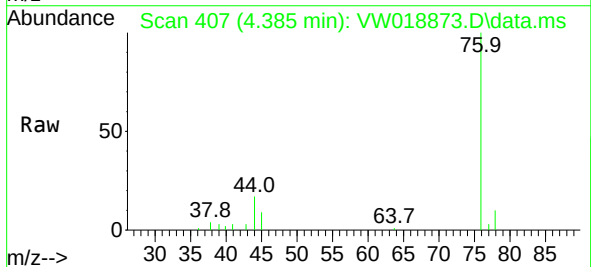
Instrument :
MSVOA_W
ClientSampled :

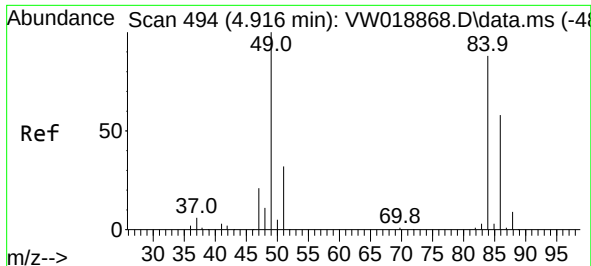
Tgt Ion: 43 Resp: 21811
Ion Ratio Lower Upper
43 100
58 32.5 0.0 53.8



#14
Carbon disulfide
Concen: 0.56 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
Lab File: VW018873.D
Acq: 30 Apr 2021 11:54

Tgt Ion: 76 Resp: 15596
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.0

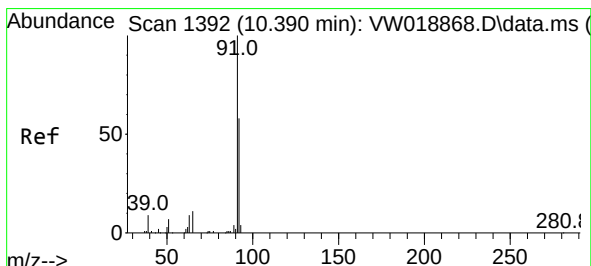
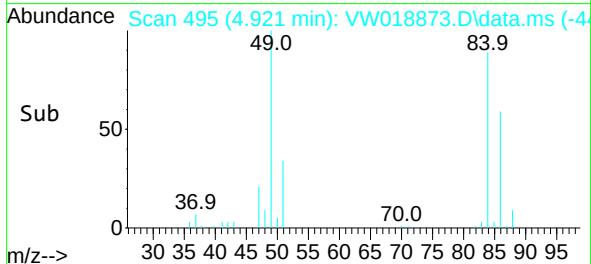
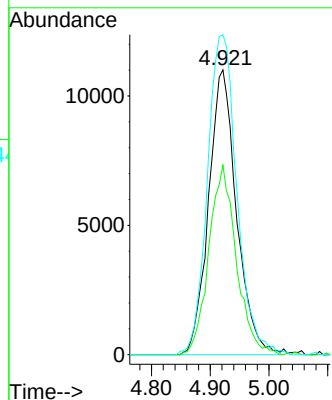
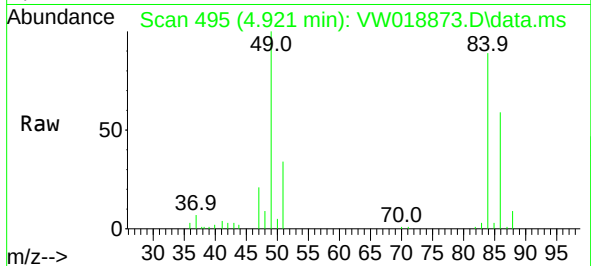




#16
Methylene chloride
Concen: 3.00 ug/L
RT: 4.921 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018873.D
Acq: 30 Apr 2021 11:54

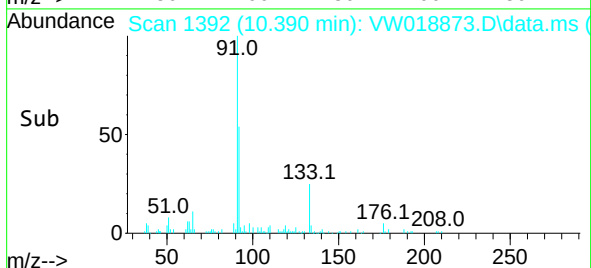
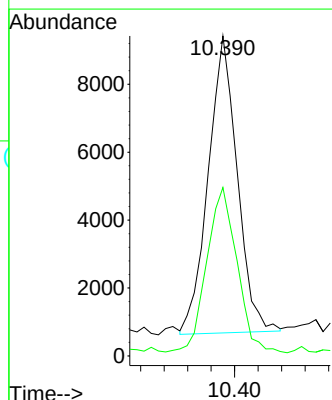
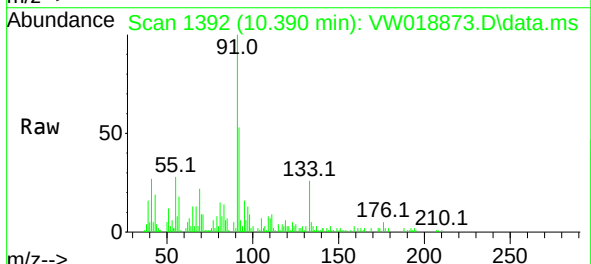
Instrument :
MSVOA_W
ClientSampled :

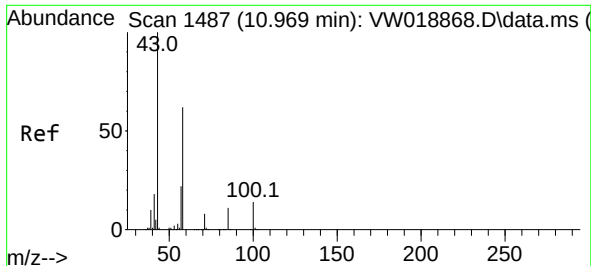
Tgt Ion: 84 Resp: 36370
Ion Ratio Lower Upper
84 100
86 66.6 45.3 84.1
49 112.4 86.6 160.8



#42
Toluene
Concen: 0.44 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW018873.D
Acq: 30 Apr 2021 11:54

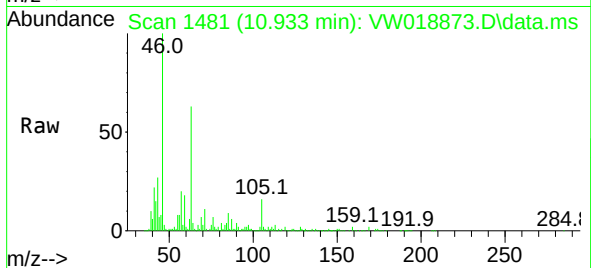
Tgt Ion: 91 Resp: 15005
Ion Ratio Lower Upper
91 100
92 52.6 39.5 73.3



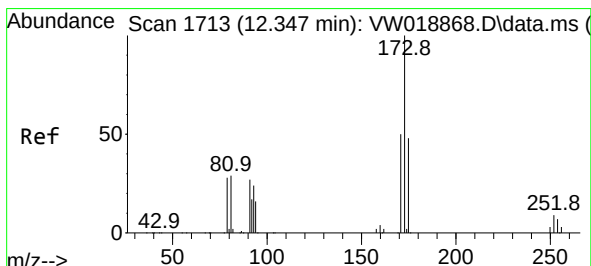
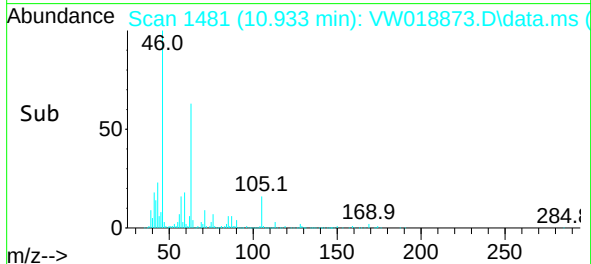
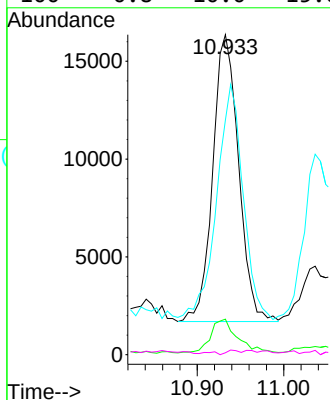


#48
2-Hexanone
Concen: 10.11 ug/L
RT: 10.933 min Scan# 1481
Delta R.T. -0.037 min
Lab File: VW018873.D
Acq: 30 Apr 2021 11:54

Instrument :
MSVOA_W
ClientSampled :

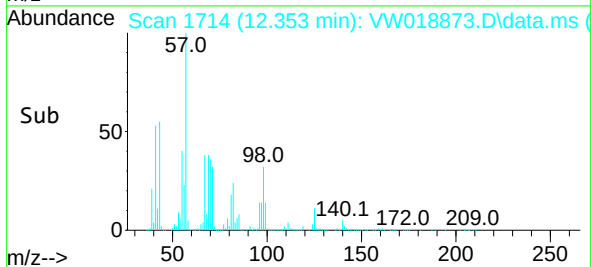
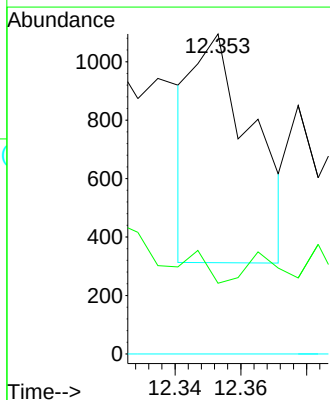
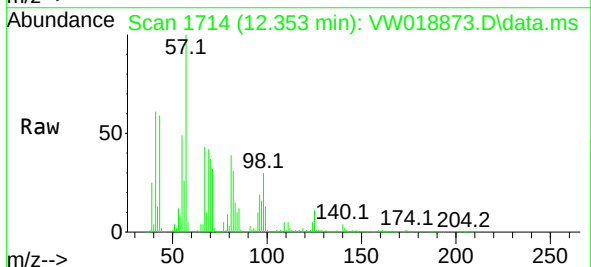


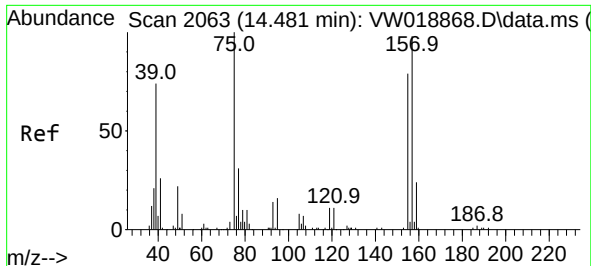
Tgt Ion: 43 Resp: 30400
Ion Ratio Lower Upper
43 100
58 11.5 42.7 64.1#
57 84.1 15.8 23.8#
100 0.8 10.0 15.0#



#59
Bromoform
Concen: 0.43 ug/L
RT: 12.353 min Scan# 1714
Delta R.T. 0.006 min
Lab File: VW018873.D
Acq: 30 Apr 2021 11:54

Tgt Ion: 173 Resp: 981
Ion Ratio Lower Upper
173 100
175 6.7 37.5 56.3#
254 0.0 7.0 10.4#

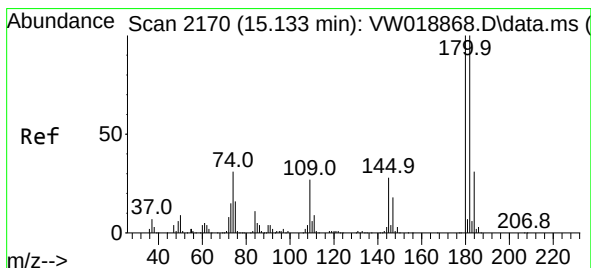
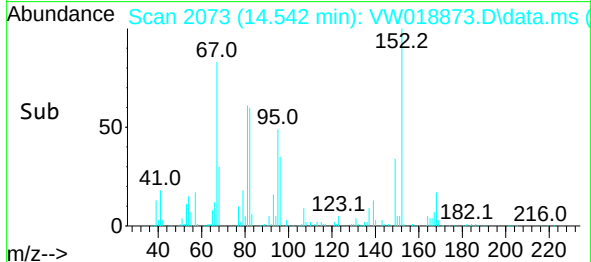
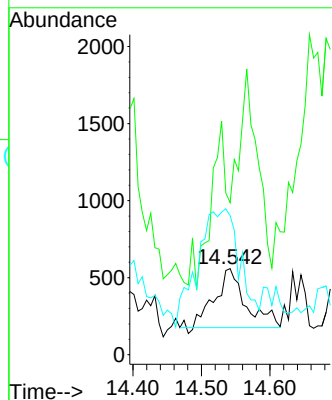
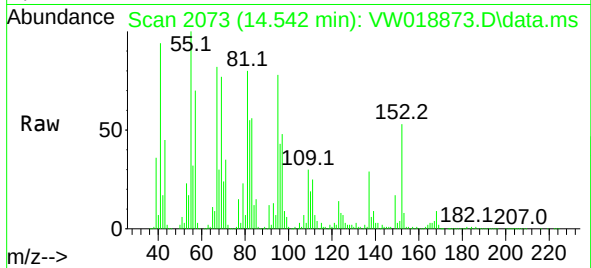




#68
1,2-Dibromo-3-chloropropane
Concen: 1.60 ug/L
RT: 14.542 min Scan# 2073
Delta R.T. 0.061 min
Lab File: VW018873.D
Acq: 30 Apr 2021 11:54

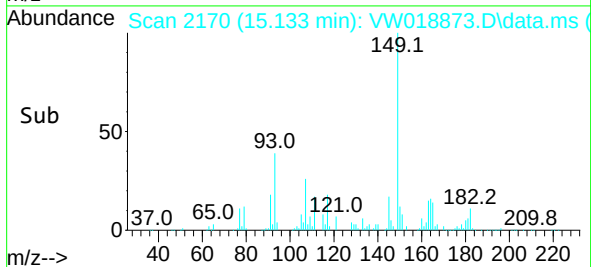
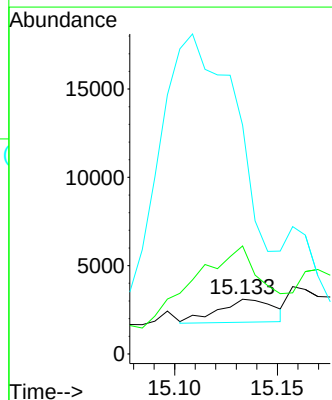
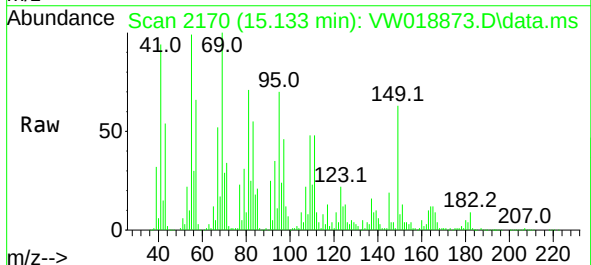
Instrument :
MSVOA_W
ClientSampleId :

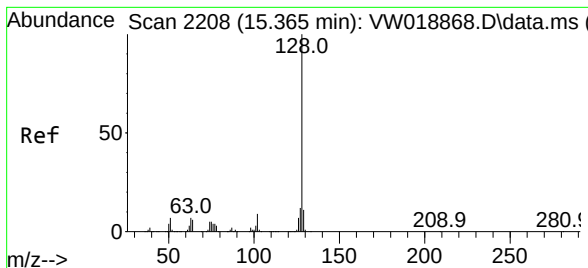
Tgt Ion: 75 Resp: 1203
Ion Ratio Lower Upper
75 100
155 176.6 59.4 89.0#
157 161.5 72.2 108.2#



#70
1,2,4-trichlorobenzene
Concen: 0.41 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VW018873.D
Acq: 30 Apr 2021 11:54

Tgt Ion: 180 Resp: 2444
Ion Ratio Lower Upper
180 100
182 449.6 74.7 112.1#
145 0.0 25.0 37.4#

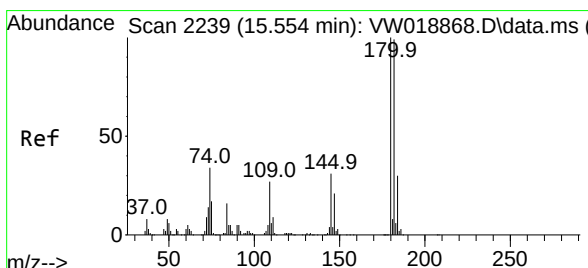
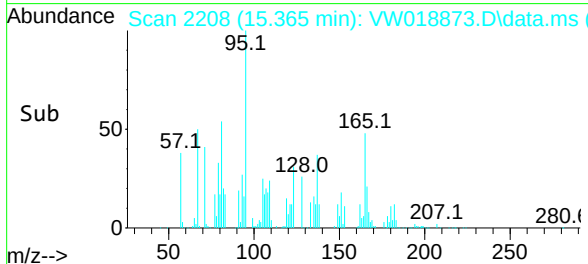
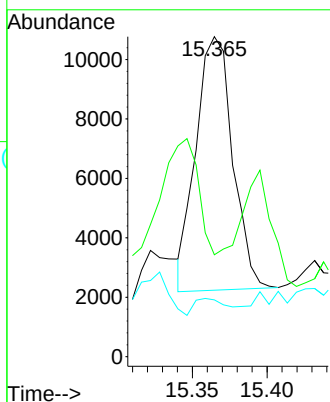
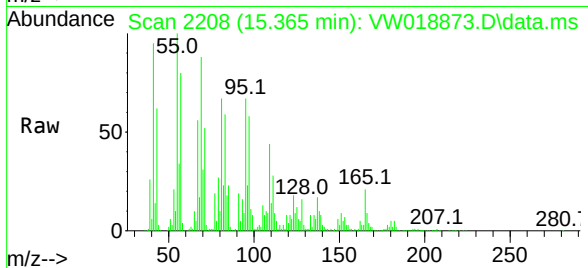




#71
Naphthalene
Concen: 1.15 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW018873.D
Acq: 30 Apr 2021 11:54

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion:128 Resp: 14600
Ion Ratio Lower Upper
128 100
127 88.5 10.6 15.8#
129 6.4 9.0 13.6#



#72
1,2,3-Trichlorobenzene
Concen: 1.90 ug/L
RT: 15.517 min Scan# 2233
Delta R.T. -0.037 min
Lab File: VW018873.D
Acq: 30 Apr 2021 11:54

Tgt Ion:180 Resp: 10047
Ion Ratio Lower Upper
180 100
182 42.1 76.7 115.1#
145 183.3 28.9 43.3#

