

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
 Data File : VW018848.D
 Acq On : 29 Apr 2021 16:18
 Operator : SY/VA
 Sample : M2177-20
 Misc : 3.90G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 30 02:11:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 30 02:09:50 2021
 Response via : Initial Calibration

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

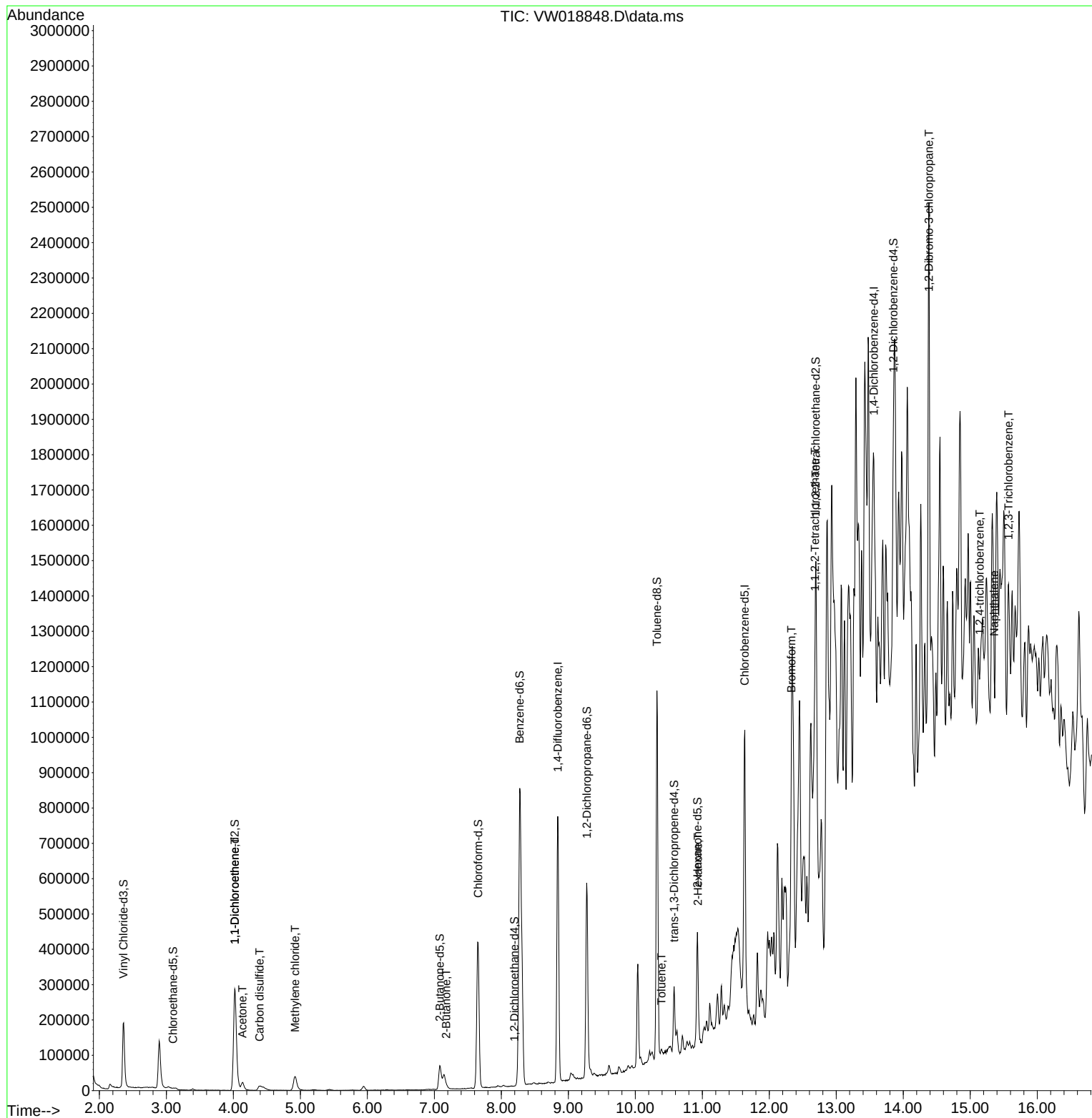
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	632879	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	430413	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	158942	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	243384	29.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	119.92%
7) Chloroethane-d5	3.099	69	249	0.04	ug/L	0.21
Spiked Amount	25.000	Range	30 - 150	Recovery	=	0.16%#
11) 1,1-Dichloroethene-d2	4.019	63	320881	19.90	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.60%
21) 2-Butanone-d5	7.080	46	114269	54.04	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.08%
24) Chloroform-d	7.653	84	426215	25.66	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.64%
26) 1,2-Dichloroethane-d4	8.195	65	63	0.01	ug/L	-0.11
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
32) Benzene-d6	8.275	84	854593	35.14	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	140.56%#
36) 1,2-Dichloropropane-d6	9.275	67	251903	34.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	139.68%#
41) Toluene-d8	10.323	98	687316	30.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	121.20%
43) trans-1,3-Dichloroprop...	10.579	79	99225	30.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	121.04%
47) 2-Hexanone-d5	10.927	63	98258	76.07	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	152.14%#
56) 1,1,2,2-Tetrachloroeth...	12.695	84	196759	32.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	128.72%#
66) 1,2-Dichlorobenzene-d4	13.853	152	132367	24.30	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.20%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.019	96	2593	0.32	ug/L #	1
13) Acetone	4.135	43	39863	24.60	ug/L	91
14) Carbon disulfide	4.391	76	26527	1.09	ug/L	98
16) Methylene chloride	4.922	84	35582	3.40	ug/L	95
22) 2-Butanone	7.177	43	11816	5.26	ug/L	80
42) Toluene	10.390	91	13625	0.48	ug/L	97
48) 2-Hexanone	10.933	43	34961	13.91	ug/L #	25
57) 1,1,2,2-Tetrachloroethane	12.682	83	76111	12.76	ug/L #	59
59) Bromoform	12.329	173	3134	1.43	ug/L #	42
68) 1,2-Dibromo-3-chloropr...	14.383	75	1265	1.77	ug/L #	1
70) 1,2,4-trichlorobenzene	15.139	180	2119	0.37	ug/L #	1
71) Naphthalene	15.359	128	13597	1.12	ug/L #	1
72) 1,2,3-Trichlorobenzene	15.572	180	7342	1.45	ug/L #	68

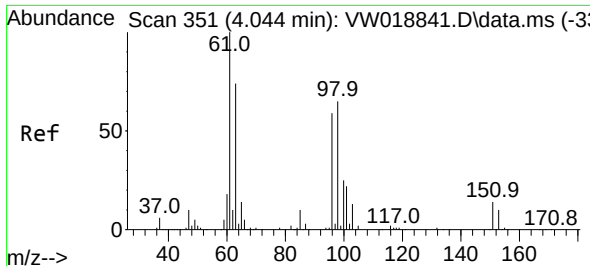
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Apr 30 02:09:50 2021
Response via : Initial Calibration

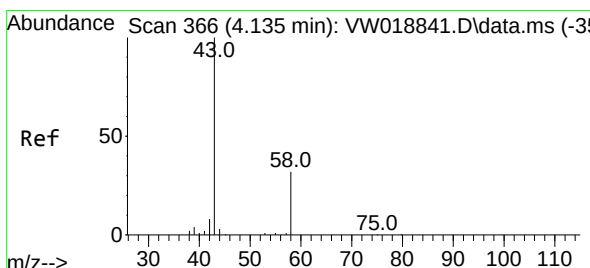
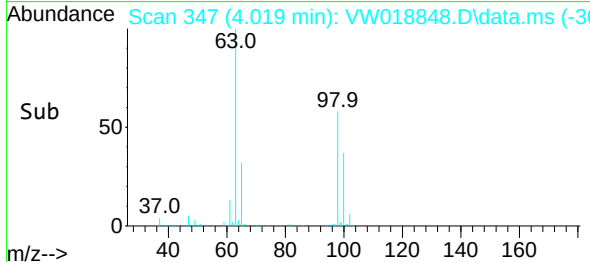
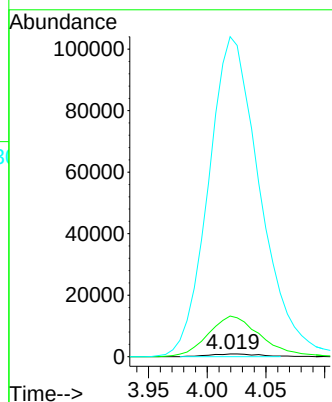
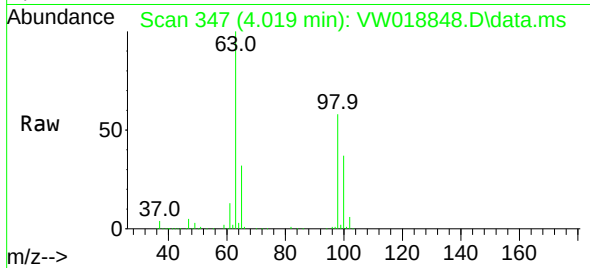




#12
1,1-Dichloroethene
Concen: 0.32 ug/L
RT: 4.019 min Scan# 347
Delta R.T. -0.024 min
Lab File: VW018848.D
Acq: 29 Apr 2021 16:18

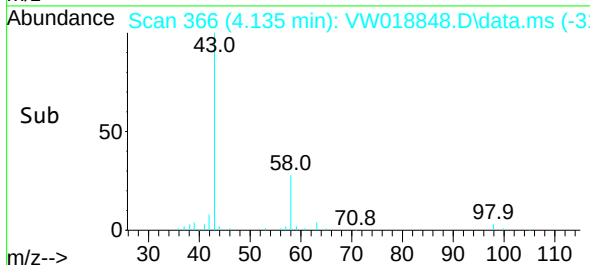
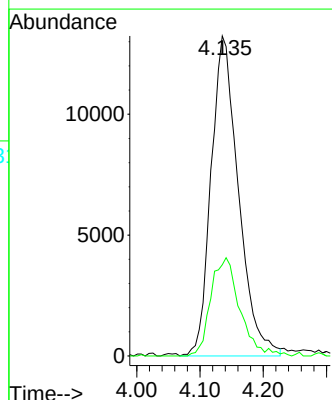
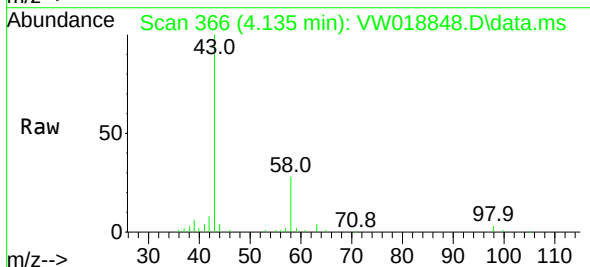
Instrument :
MSVOA_W
ClientSampled :

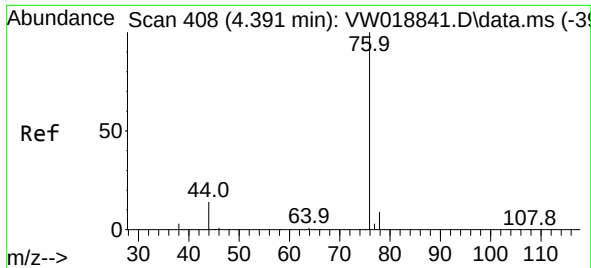
Tgt Ion: 96 Resp: 2593
Ion Ratio Lower Upper
96 100
61 1477.2 118.1 219.3#
63 11639.4 83.7 155.5#



#13
Acetone
Concen: 24.60 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW018848.D
Acq: 29 Apr 2021 16:18

Tgt Ion: 43 Resp: 39863
Ion Ratio Lower Upper
43 100
58 31.6 0.0 53.8

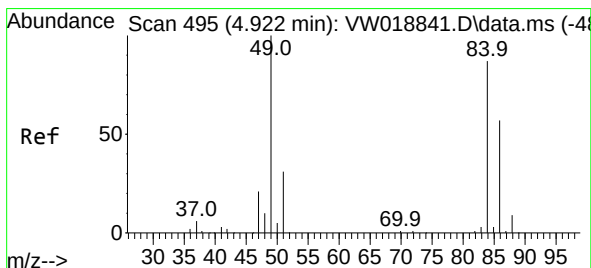
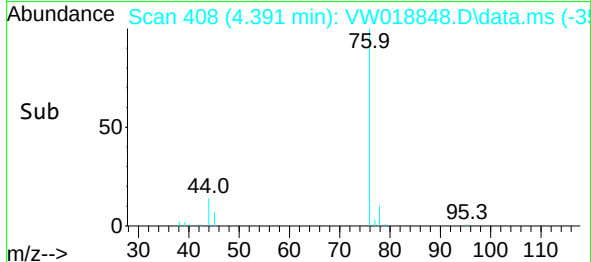
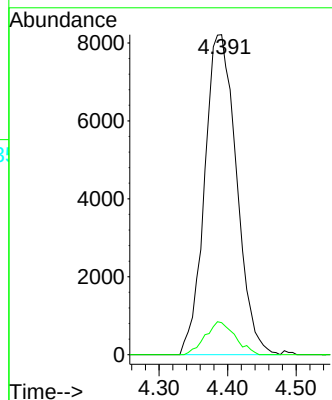
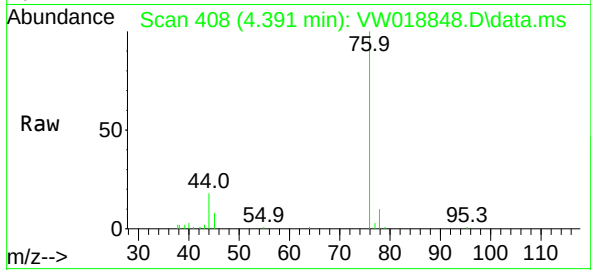




#14
Carbon disulfide
Concen: 1.09 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.000 min
Lab File: VW018848.D
Acq: 29 Apr 2021 16:18

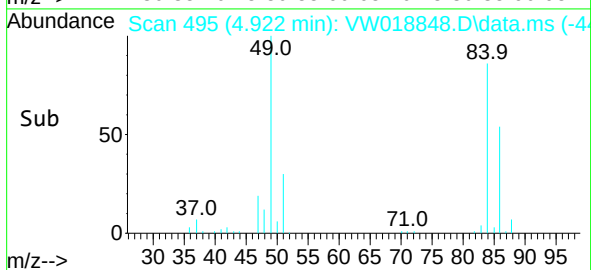
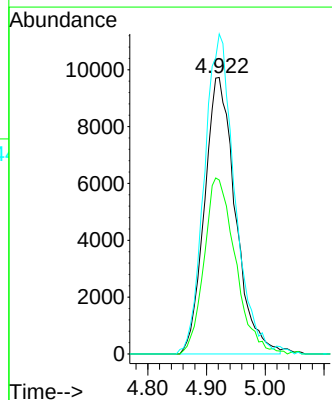
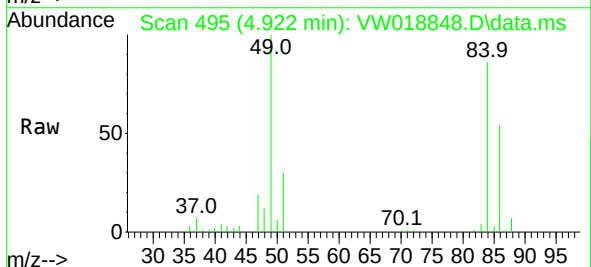
Instrument :
MSVOA_W
ClientSampled :

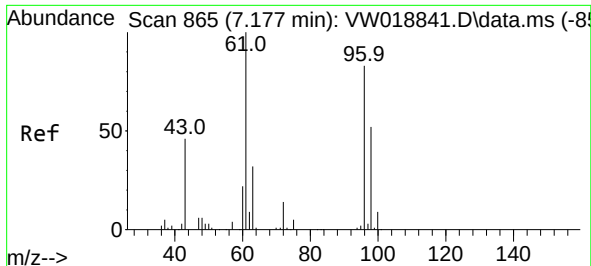
Tgt Ion: 76 Resp: 26527
Ion Ratio Lower Upper
76 100
78 10.0 7.4 11.0



#16
Methylene chloride
Concen: 3.40 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW018848.D
Acq: 29 Apr 2021 16:18

Tgt Ion: 84 Resp: 35582
Ion Ratio Lower Upper
84 100
86 62.9 45.3 84.1
49 115.7 86.6 160.8

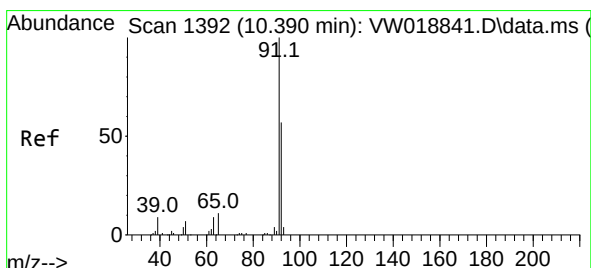
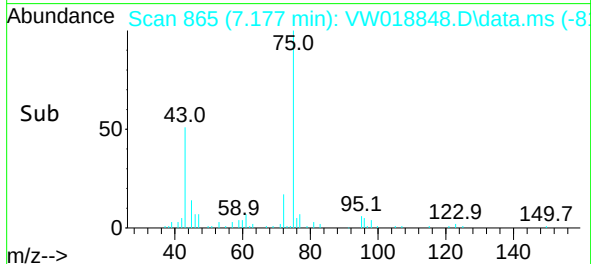
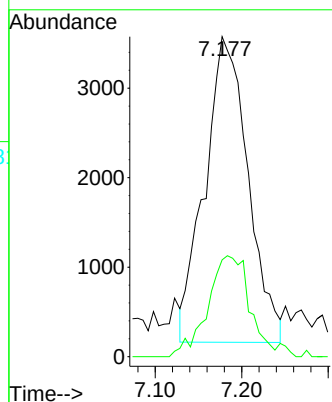
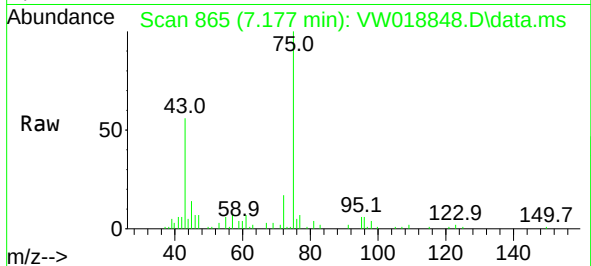




#22
2-Butanone
Concen: 5.26 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.000 min
Lab File: VW018848.D
Acq: 29 Apr 2021 16:18

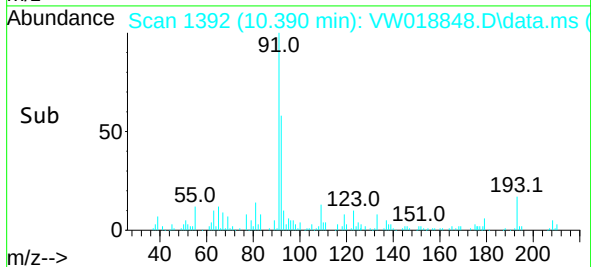
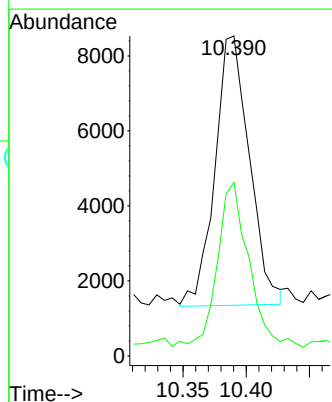
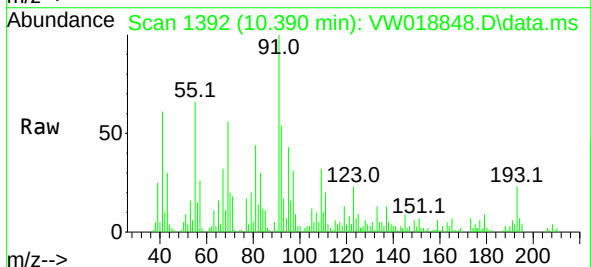
Instrument :
MSVOA_W
ClientSampled :

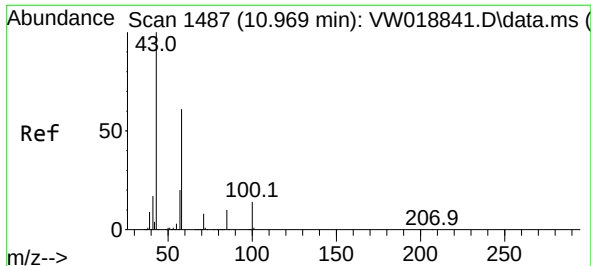
Tgt Ion: 43 Resp: 11816
Ion Ratio Lower Upper
43 100
72 18.9 14.9 44.7



#42
Toluene
Concen: 0.48 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW018848.D
Acq: 29 Apr 2021 16:18

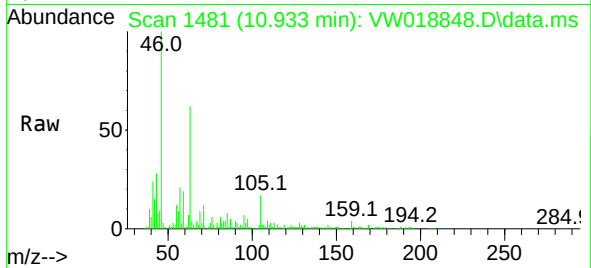
Tgt Ion: 91 Resp: 13625
Ion Ratio Lower Upper
91 100
92 54.2 39.5 73.3



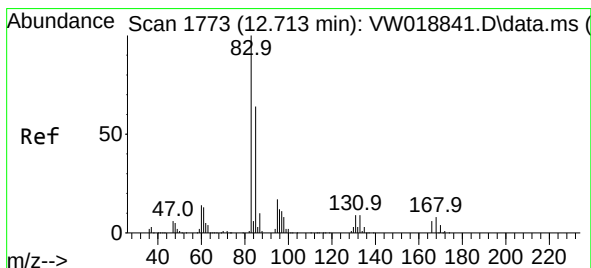
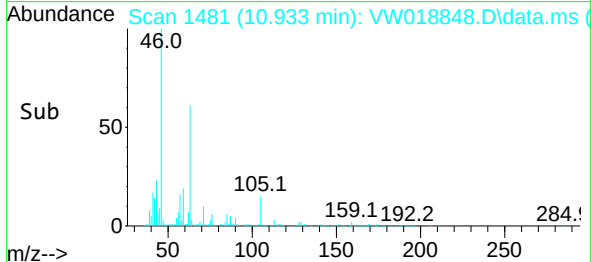
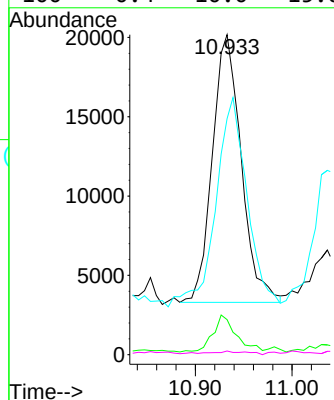


#48
2-Hexanone
Concen: 13.91 ug/L
RT: 10.933 min Scan# 1481
Delta R.T. -0.037 min
Lab File: VW018848.D
Acq: 29 Apr 2021 16:18

Instrument :
MSVOA_W
ClientSampleId :

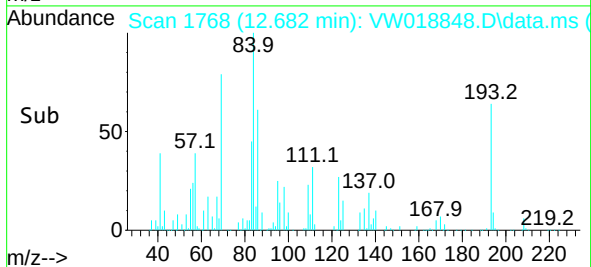
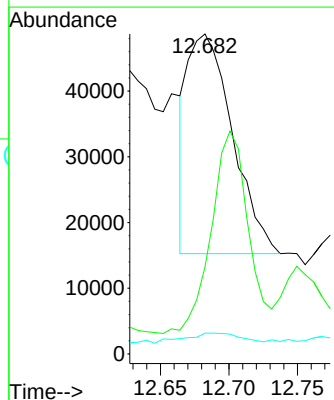
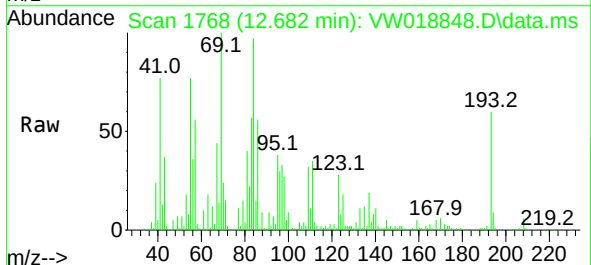


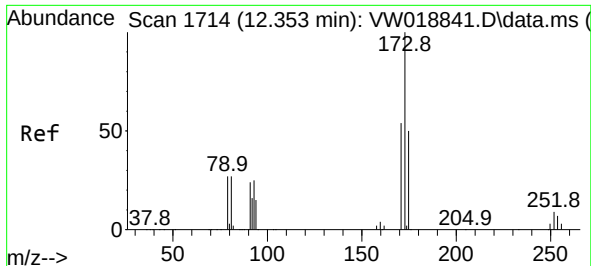
Tgt Ion	Ratio	Lower	Upper
43	100		
58	9.9	42.7	64.1#
57	84.9	15.8	23.8#
100	0.4	10.0	15.0#



#57
1,1,2,2-Tetrachloroethane
Concen: 12.76 ug/L
RT: 12.682 min Scan# 1768
Delta R.T. -0.030 min
Lab File: VW018848.D
Acq: 29 Apr 2021 16:18

Tgt Ion	Ratio	Lower	Upper
83	100		
85	27.2	44.4	82.4#
131	6.5	8.2	12.4#

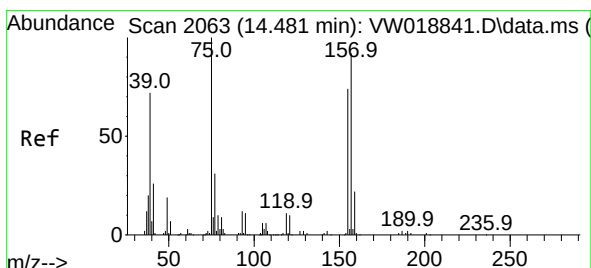
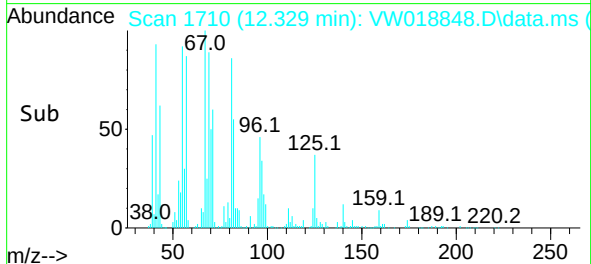
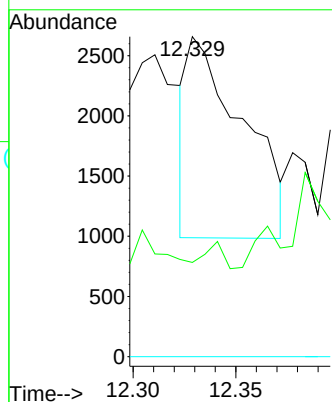
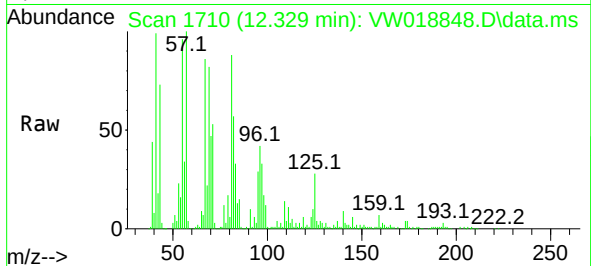




#59
Bromoform
Concen: 1.43 ug/L
RT: 12.329 min Scan# 1710
Delta R.T. -0.024 min
Lab File: VW018848.D
Acq: 29 Apr 2021 16:18

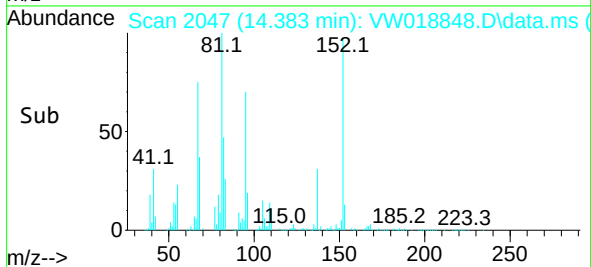
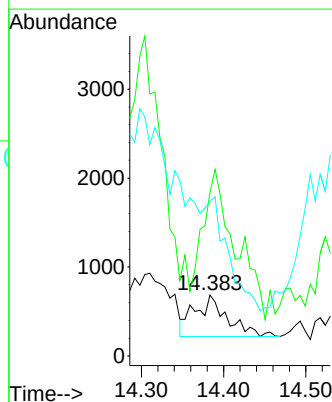
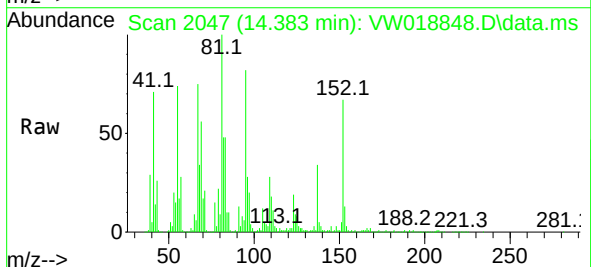
Instrument :
MSVOA_W
ClientSampled :

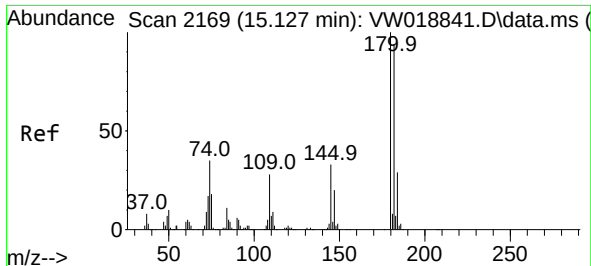
Tgt Ion:173 Resp: 3134
Ion Ratio Lower Upper
173 100
175 4.0 37.5 56.3#
254 0.0 7.0 10.4#



#68
1,2-Dibromo-3-chloropropane
Concen: 1.77 ug/L
RT: 14.383 min Scan# 2047
Delta R.T. -0.098 min
Lab File: VW018848.D
Acq: 29 Apr 2021 16:18

Tgt Ion: 75 Resp: 1265
Ion Ratio Lower Upper
75 100
155 268.6 59.4 89.0#
157 253.9 72.2 108.2#

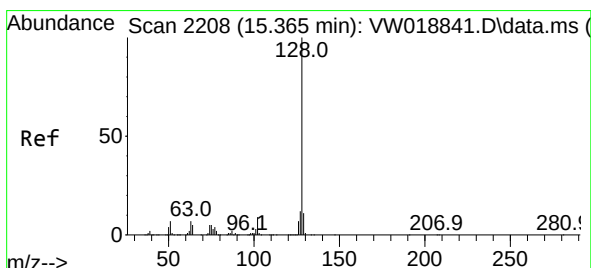
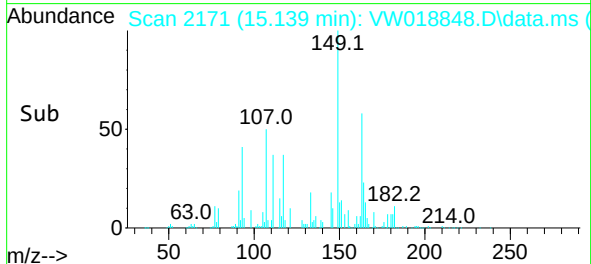
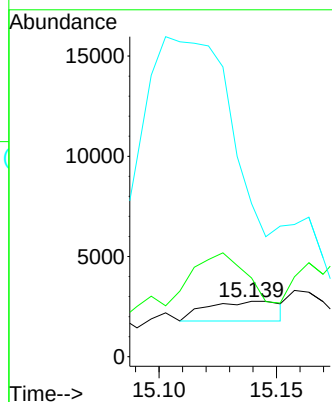
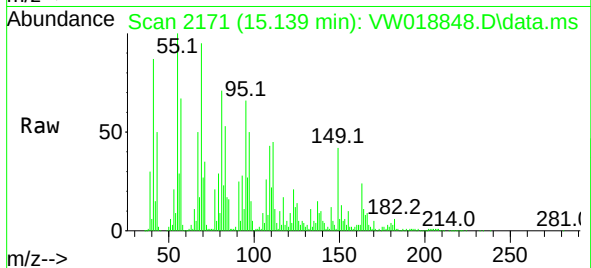




#70
1,2,4-trichlorobenzene
Concen: 0.37 ug/L
RT: 15.139 min Scan# 2171
Delta R.T. 0.012 min
Lab File: VW018848.D
Acq: 29 Apr 2021 16:18

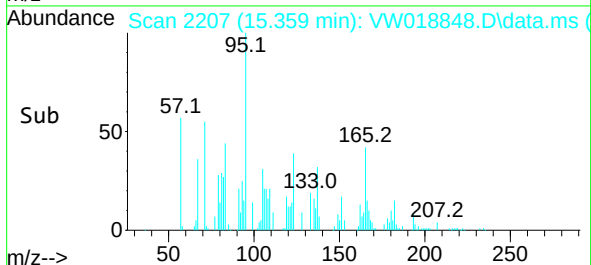
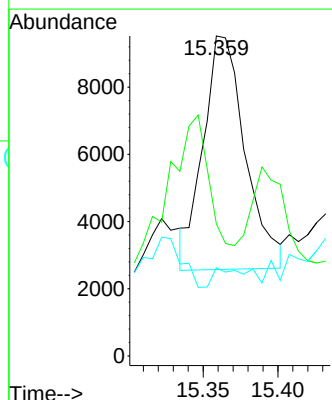
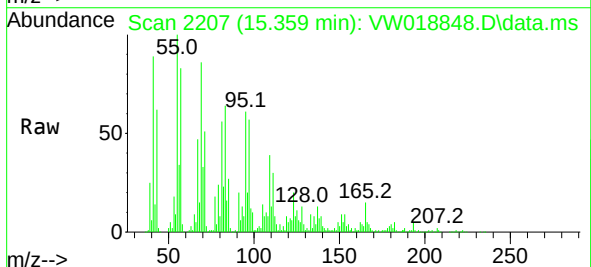
Instrument :
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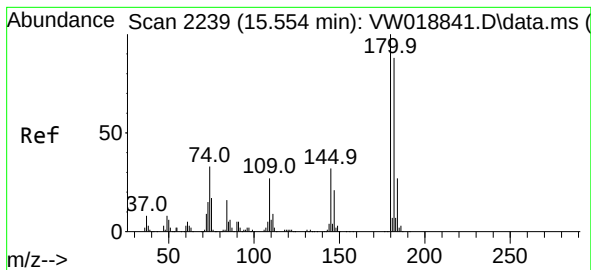
Tgt Ion:180 Resp: 2119
Ion Ratio Lower Upper
180 100
182 296.6 74.7 112.1#
145 0.0 25.0 37.4#



#71
Naphthalene
Concen: 1.12 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. -0.006 min
Lab File: VW018848.D
Acq: 29 Apr 2021 16:18

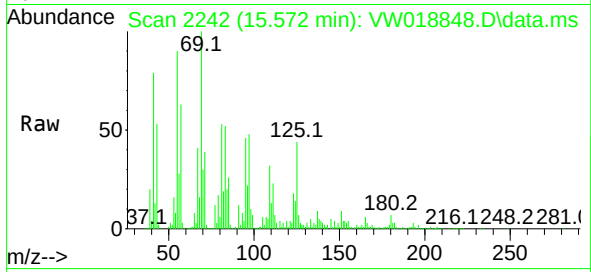
Tgt Ion:128 Resp: 13597
Ion Ratio Lower Upper
128 100
127 86.0 10.6 15.8#
129 5.2 9.0 13.6#





#72
 1,2,3-Trichlorobenzene
 Concen: 1.45 ug/L
 RT: 15.572 min Scan# 2242
 Delta R.T. 0.018 min
 Lab File: VW018848.D
 Acq: 29 Apr 2021 16:18

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:180 Resp: 7342
 Ion Ratio Lower Upper
 180 100
 182 75.7 76.7 115.1#
 145 0.0 28.9 43.3#

