

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042921\
 Data File : VW018851.D
 Acq On : 29 Apr 2021 17:30
 Operator : SY/VA
 Sample : M2177-23
 Misc : 4.04G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 30 02:12:24 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	8.841	114	610157	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	412027	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	155288	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	242296	30.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	123.80%
7) Chloroethane-d5	2.897	69	185453	30.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	122.32%
11) 1,1-Dichloroethene-d2	4.019	63	327419	21.07	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.28%
21) 2-Butanone-d5	7.080	46	100952	49.52	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.04%
24) Chloroform-d	7.653	84	426902	26.66	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.64%
26) 1,2-Dichloroethane-d4	8.305	65	235542	26.33	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.32%
32) Benzene-d6	8.275	84	853277	36.65	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	146.60%#
36) 1,2-Dichloropropane-d6	9.274	67	249080	36.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	144.24%#
41) Toluene-d8	10.323	98	696697	32.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	128.36%
43) trans-1,3-Dichloroprop...	10.579	79	76780	24.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.84%
47) 2-Hexanone-d5	10.927	63	88257	71.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	142.74%#
56) 1,1,2,2-Tetrachloroeth...	12.694	84	161966	27.68	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.72%
66) 1,2-Dichlorobenzene-d4	13.853	152	142768	26.83	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.32%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	4.019	96	2629	0.33	ug/L #	1
13) Acetone	4.135	43	163443	104.64	ug/L	90
14) Carbon disulfide	4.391	76	58350	2.49	ug/L	99
16) Methylene chloride	4.921	84	39819	3.95	ug/L	88
22) 2-Butanone	7.177	43	71882	33.19	ug/L	98
29) Cyclohexane	7.958	56	4593	0.47	ug/L	95
35) Methylcyclohexane	9.335	83	53735	4.64	ug/L #	82
42) Toluene	10.390	91	20346	0.75	ug/L	94
48) 2-Hexanone	10.927	43	26566	11.04	ug/L #	27
52) Ethylbenzene	11.841	91	11915	0.40	ug/L	92
53) m,p-Xylene	11.847	106	4169	0.37	ug/L #	55
54) o-Xylene	12.164	106	6489	0.61	ug/L #	57
57) 1,1,2,2-Tetrachloroethane	12.743	83	12941	2.27	ug/L #	69
60) Isopropylbenzene	12.463	105	13096	0.59	ug/L #	78
63) 1,2,4-Trimethylbenzene	13.591	105	12147	0.66	ug/L	92
65) 1,4-Dichlorobenzene	13.578	146	5954	0.63	ug/L #	1
68) 1,2-Dibromo-3-chloropr...	14.493	75	1130	1.61	ug/L #	68
71) Naphthalene	15.359	128	14832	1.26	ug/L #	60
72) 1,2,3-Trichlorobenzene	15.572	180	12388	2.51	ug/L #	1

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

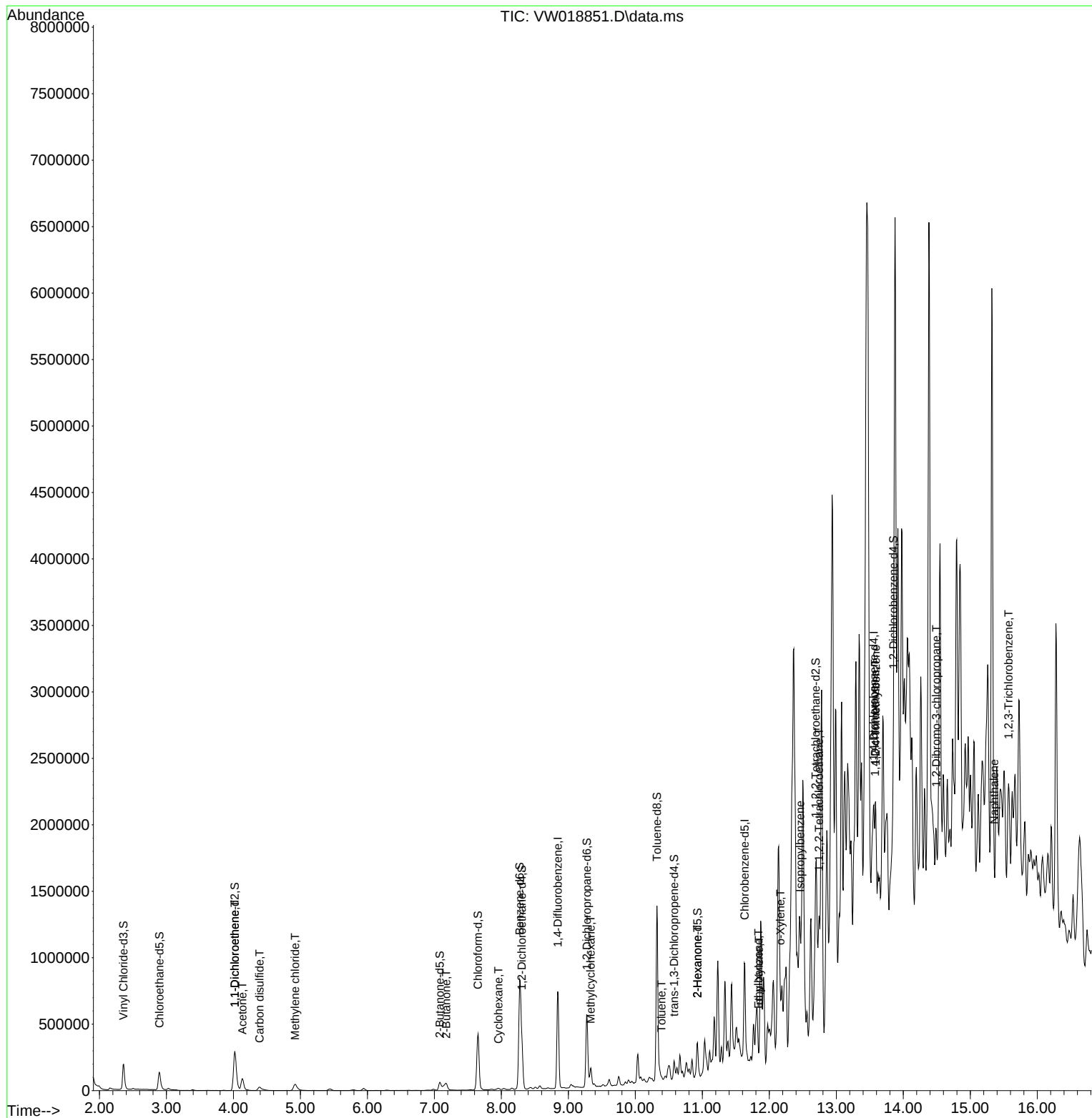
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

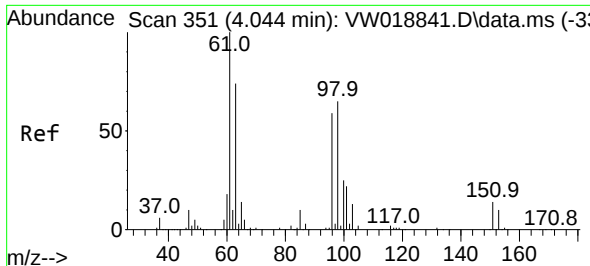
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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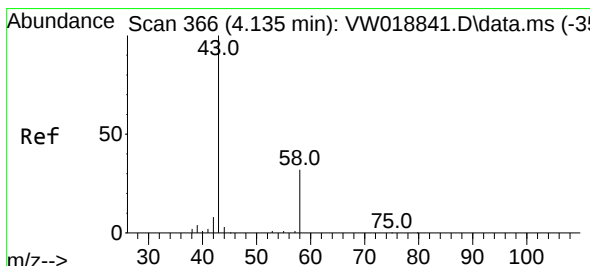
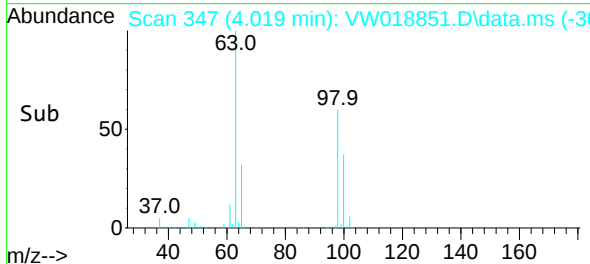
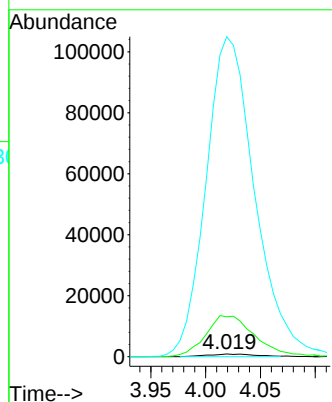
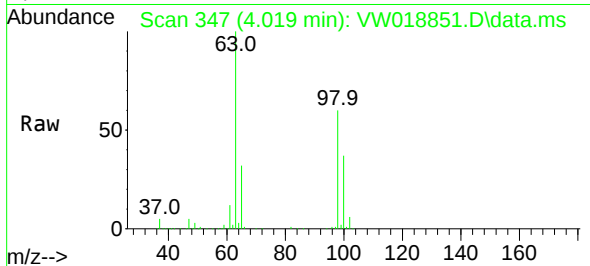




#12
1,1-Dichloroethene
Concen: 0.33 ug/L
RT: 4.019 min Scan# 347
Delta R.T. -0.025 min
Lab File: VW018851.D
Acq: 29 Apr 2021 17:30

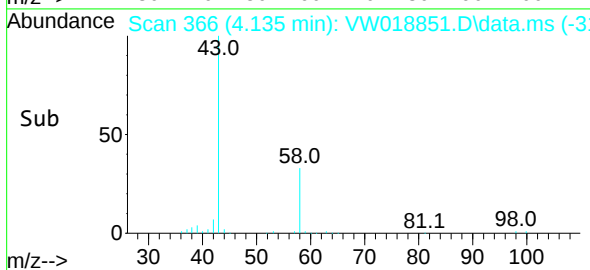
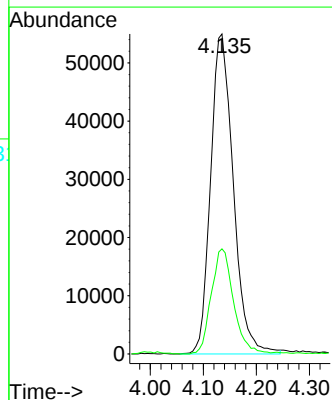
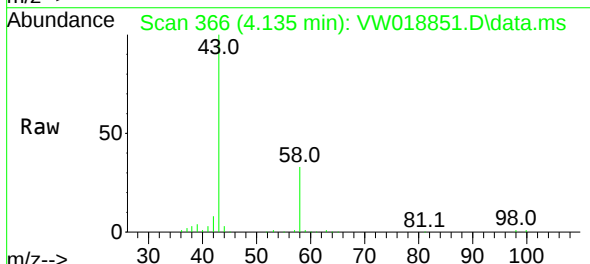
Instrument :
MSVOA_W
ClientSampled :

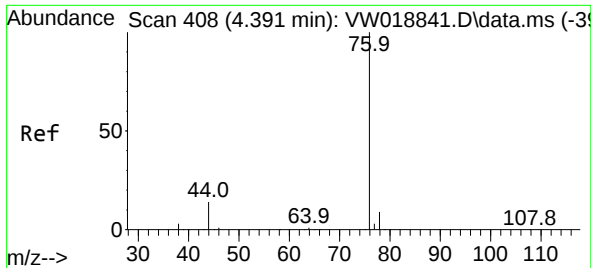
Tgt Ion: 96 Resp: 2629
Ion Ratio Lower Upper
96 100
61 1490.7 118.1 219.3#
63 11954.4 83.7 155.5#



#13
Acetone
Concen: 104.64 ug/L
RT: 4.135 min Scan# 366
Delta R.T. -0.000 min
Lab File: VW018851.D
Acq: 29 Apr 2021 17:30

Tgt Ion: 43 Resp: 163443
Ion Ratio Lower Upper
43 100
58 32.2 0.0 53.8

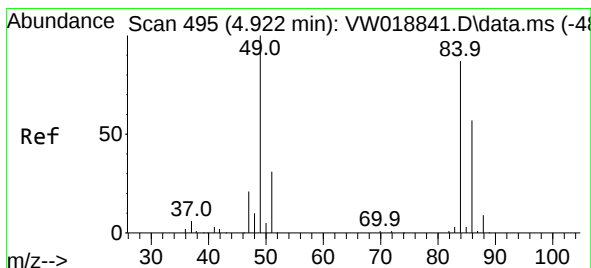
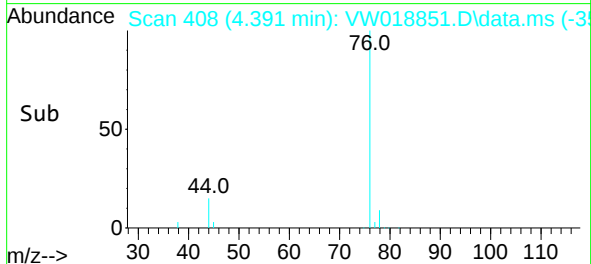
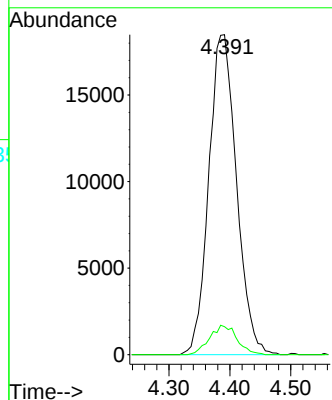
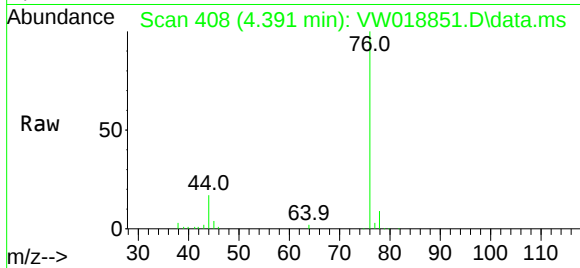




#14
Carbon disulfide
Concen: 2.49 ug/L
RT: 4.391 min Scan# 408
Delta R.T. -0.000 min
Lab File: VW018851.D
Acq: 29 Apr 2021 17:30

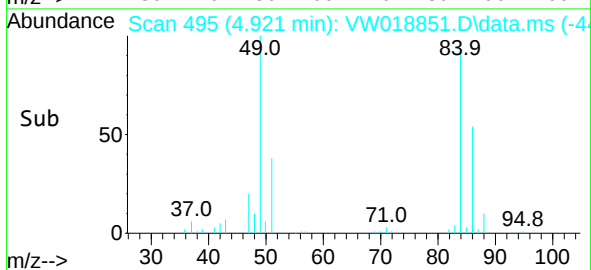
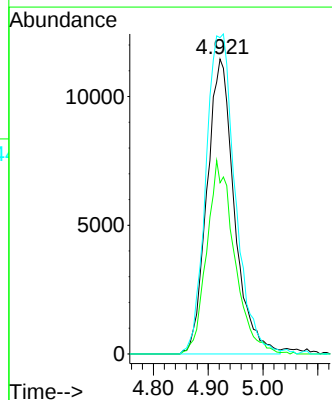
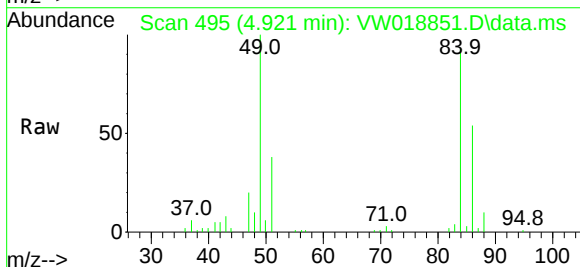
Instrument :
MSVOA_W
ClientSampled :

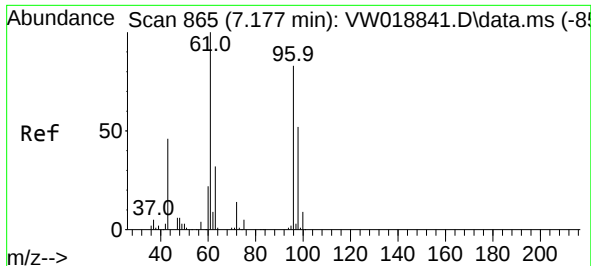
Tgt Ion: 76 Resp: 58350
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0



#16
Methylene chloride
Concen: 3.95 ug/L
RT: 4.921 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW018851.D
Acq: 29 Apr 2021 17:30

Tgt Ion: 84 Resp: 39819
Ion Ratio Lower Upper
84 100
86 58.0 45.3 84.1
49 107.3 86.6 160.8

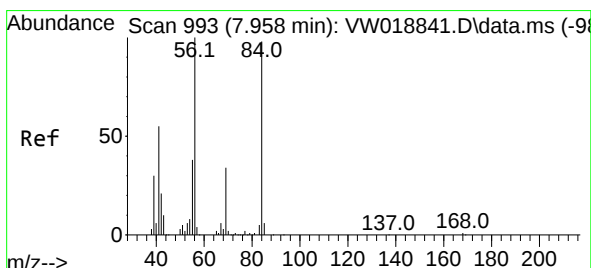
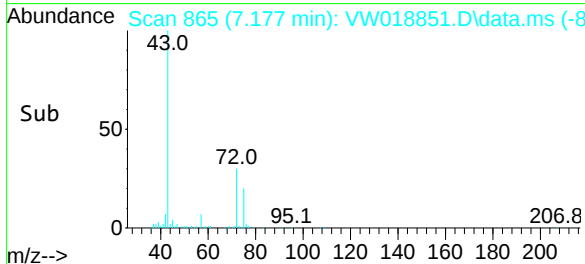
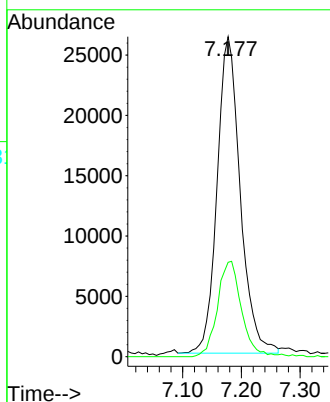
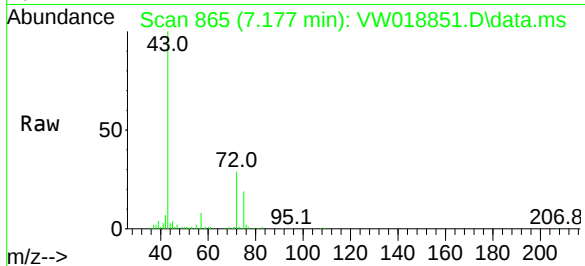




#22
2-Butanone
Concen: 33.19 ug/L
RT: 7.177 min Scan# 865
Delta R.T. -0.000 min
Lab File: VW018851.D
Acq: 29 Apr 2021 17:30

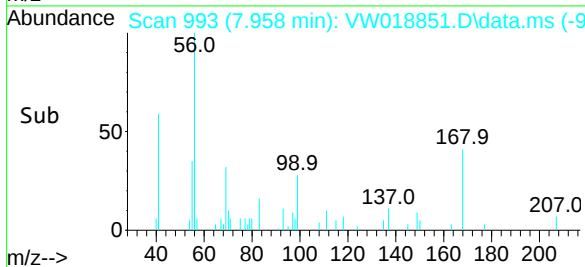
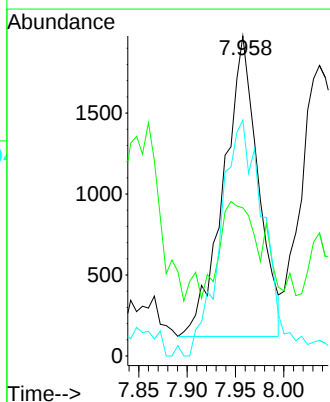
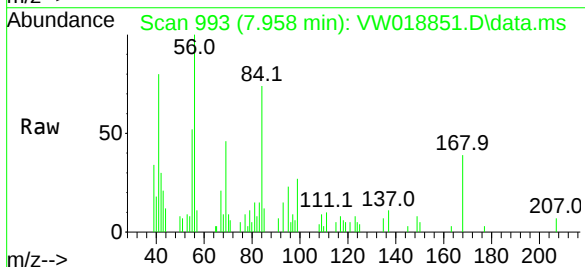
Instrument :
MSVOA_W
ClientSampled :

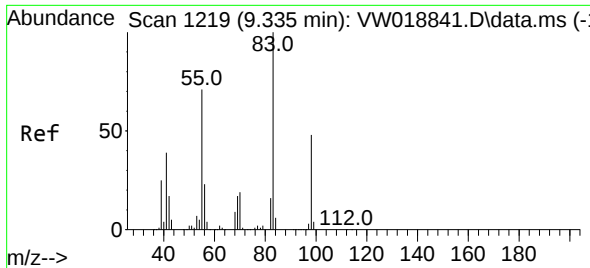
Tgt Ion: 43 Resp: 71882
Ion Ratio Lower Upper
43 100
72 30.7 14.9 44.7



#29
Cyclohexane
Concen: 0.47 ug/L
RT: 7.958 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW018851.D
Acq: 29 Apr 2021 17:30

Tgt Ion: 56 Resp: 4593
Ion Ratio Lower Upper
56 100
69 31.2 24.5 36.7
84 99.3 75.0 112.4

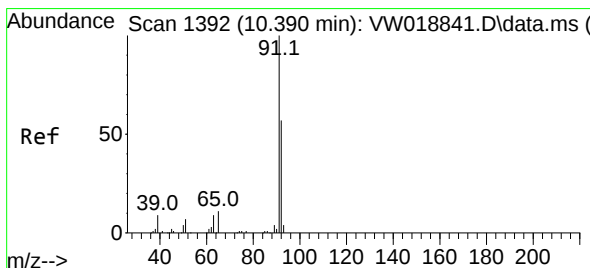
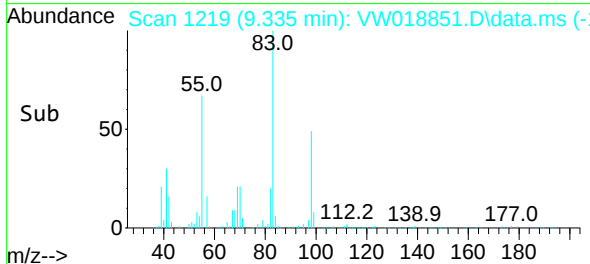
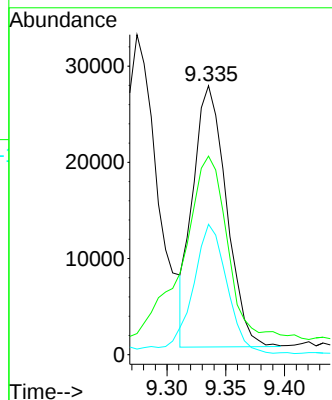
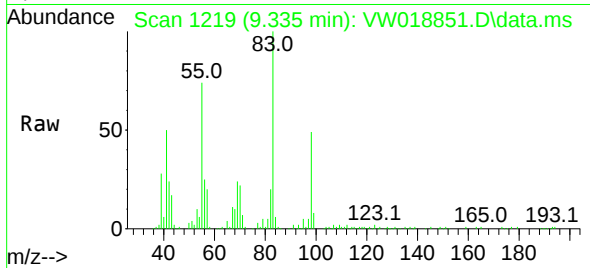




#35
Methylcyclohexane
Concen: 4.64 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW018851.D
Acq: 29 Apr 2021 17:30

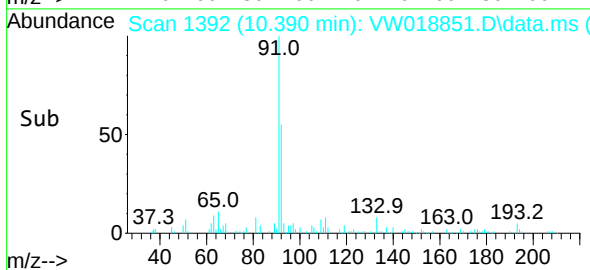
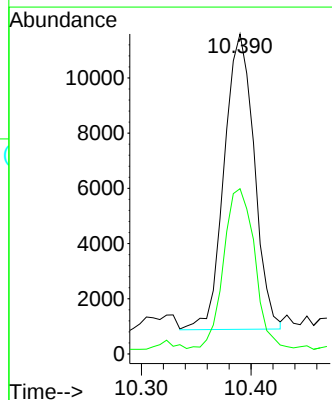
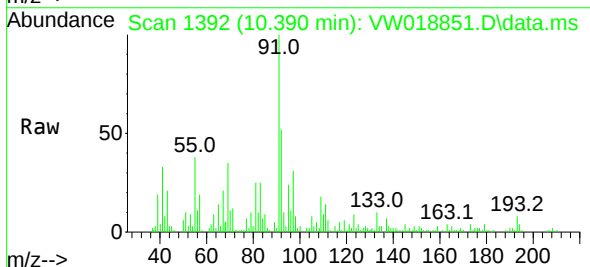
Instrument :
MSVOA_W
ClientSampled :

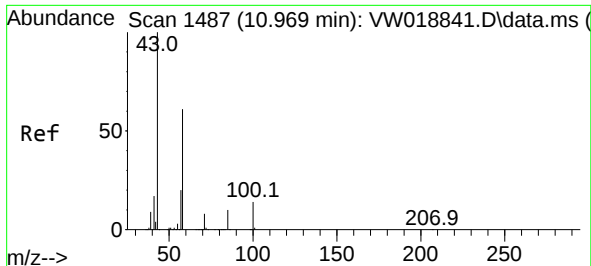
Tgt Ion: 83 Resp: 53735
Ion Ratio Lower Upper
83 100
55 99.8 58.9 88.3#
98 50.1 40.1 60.1



#42
Toluene
Concen: 0.75 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW018851.D
Acq: 29 Apr 2021 17:30

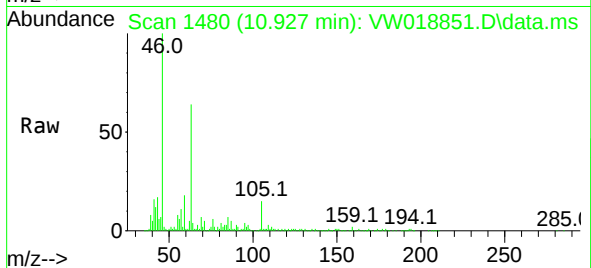
Tgt Ion: 91 Resp: 20346
Ion Ratio Lower Upper
91 100
92 51.7 39.5 73.3



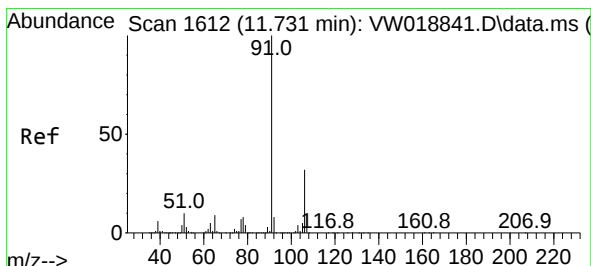
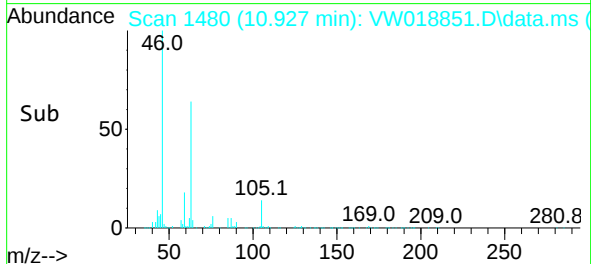
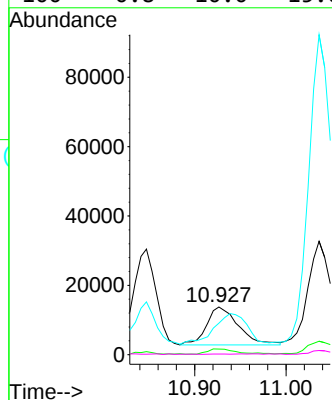


#48
2-Hexanone
Concen: 11.04 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.043 min
Lab File: VW018851.D
Acq: 29 Apr 2021 17:30

Instrument :
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ClientSampled :

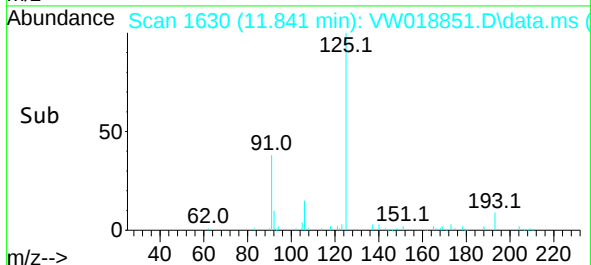
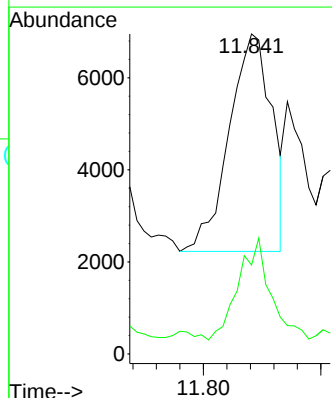
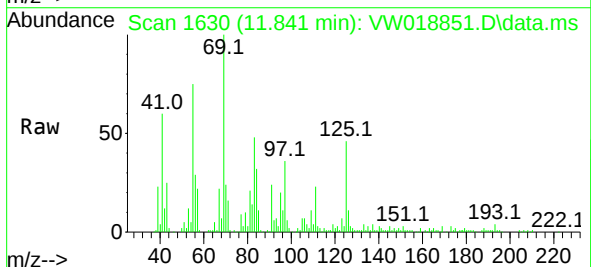


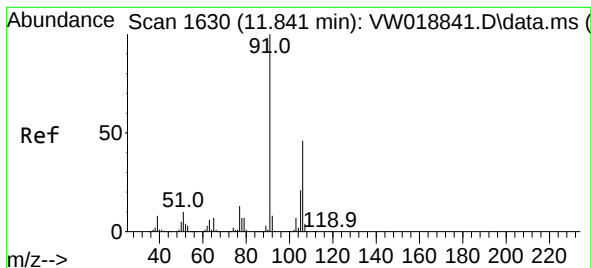
Tgt Ion: 43 Resp: 26566
Ion Ratio Lower Upper
43 100
58 11.5 42.7 64.1#
57 83.4 15.8 23.8#
100 0.8 10.0 15.0#



#52
Ethylbenzene
Concen: 0.40 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.110 min
Lab File: VW018851.D
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Tgt Ion: 91 Resp: 11915
Ion Ratio Lower Upper
91 100
106 27.8 22.5 41.7

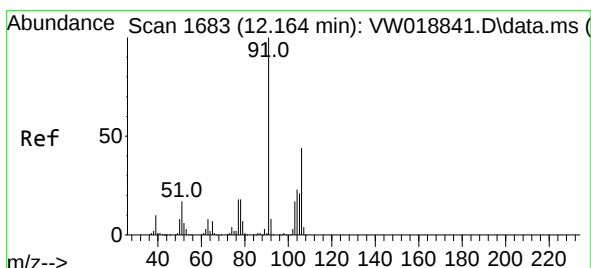
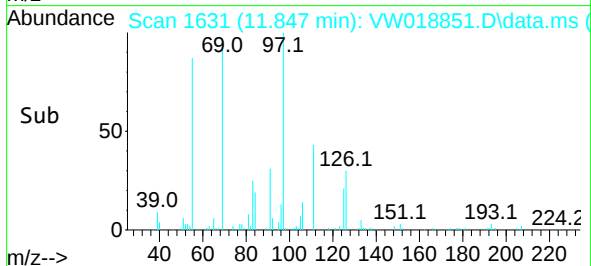
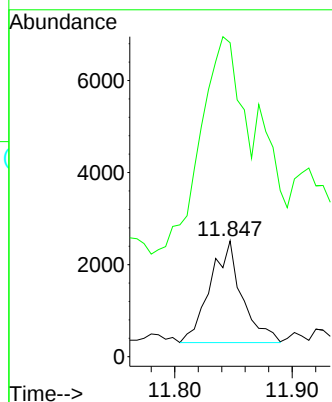
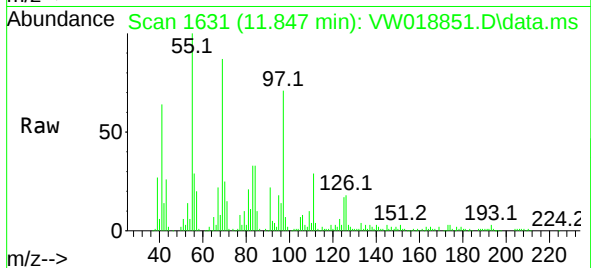




#53
m,p-Xylene
Concen: 0.37 ug/L
RT: 11.847 min Scan# 1631
Delta R.T. 0.006 min
Lab File: VW018851.D
Acq: 29 Apr 2021 17:30

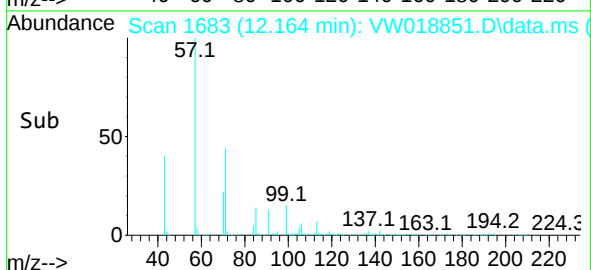
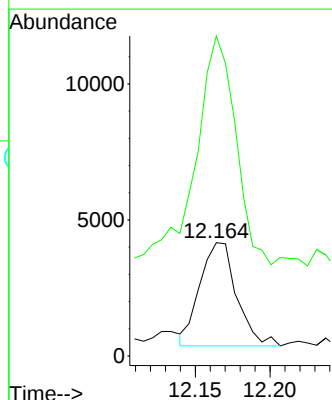
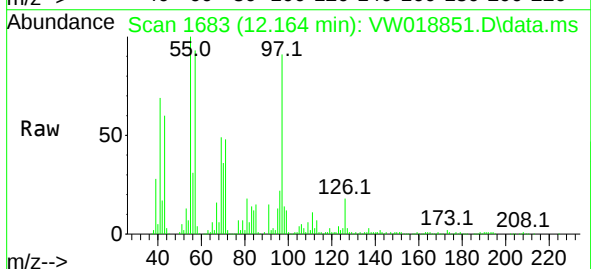
Instrument :
MSVOA_W
ClientSampled :

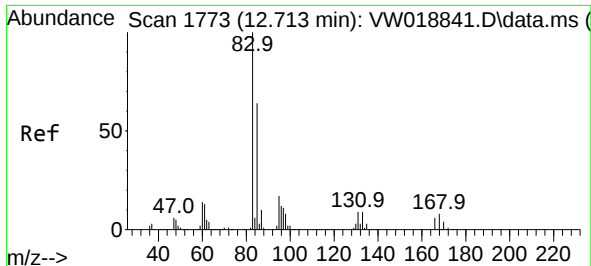
Tgt Ion:106 Resp: 4169
Ion Ratio Lower Upper
106 100
91 270.8 141.3 262.3#



#54
o-Xylene
Concen: 0.61 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW018851.D
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Tgt Ion:106 Resp: 6489
Ion Ratio Lower Upper
106 100
91 282.3 150.0 278.6#

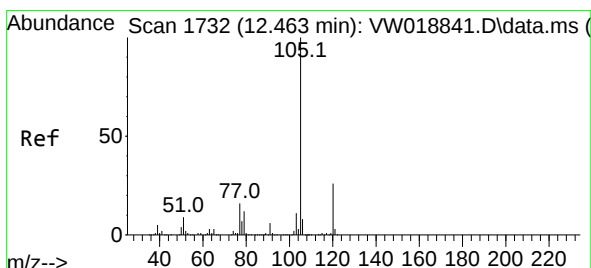
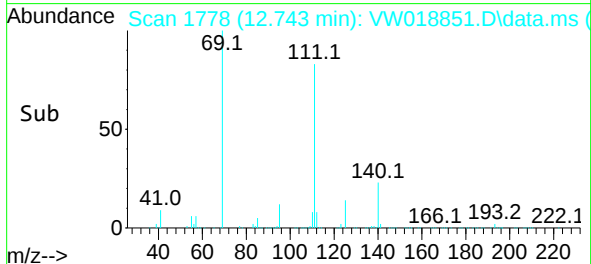
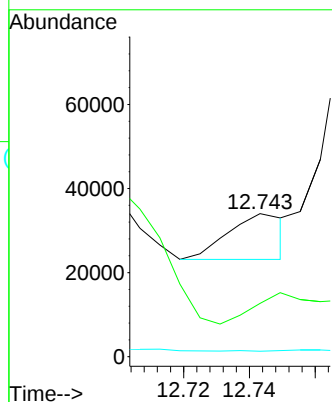
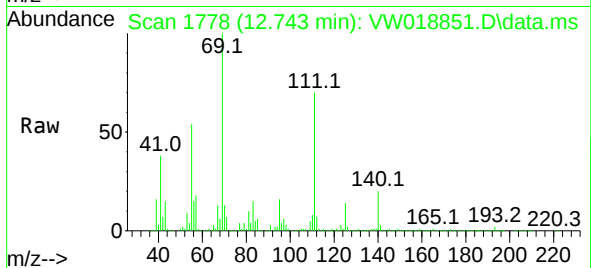




#57
1,1,2,2-Tetrachloroethane
Concen: 2.27 ug/L
RT: 12.743 min Scan# 1778
Delta R.T. 0.030 min
Lab File: VW018851.D
Acq: 29 Apr 2021 17:30

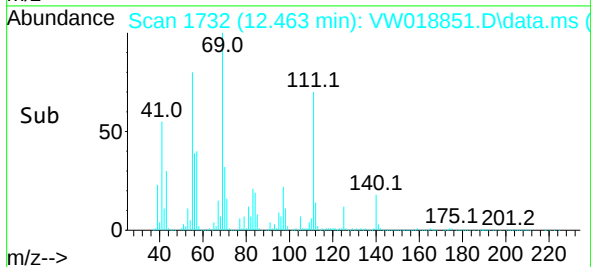
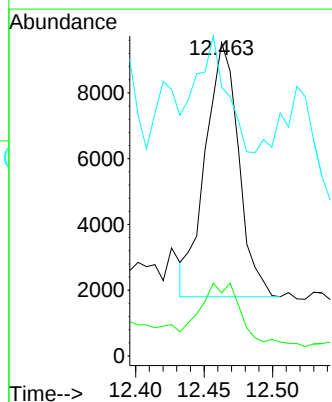
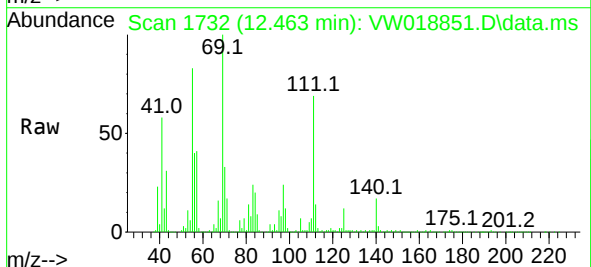
Instrument :
MSVOA_W
ClientSampled :

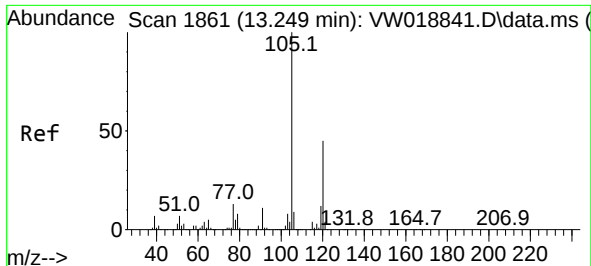
Tgt Ion: 83 Resp: 12941
Ion Ratio Lower Upper
83 100
85 37.3 44.4 82.4#
131 3.8 8.2 12.4#



#60
Isopropylbenzene
Concen: 0.59 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW018851.D
Acq: 29 Apr 2021 17:30

Tgt Ion:105 Resp: 13096
Ion Ratio Lower Upper
105 100
120 26.4 21.1 31.7
77 41.1 13.2 19.8#

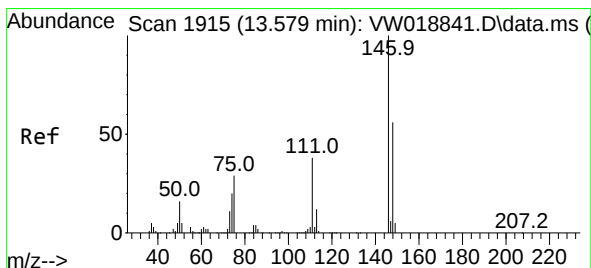
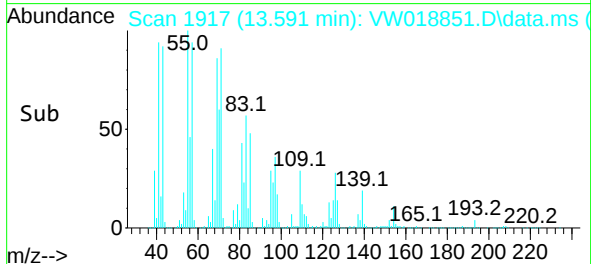
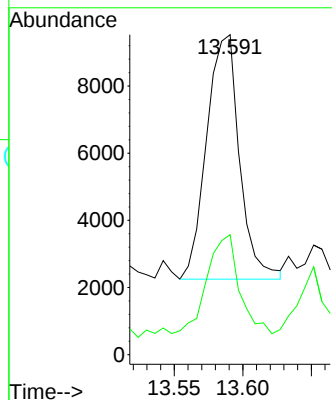
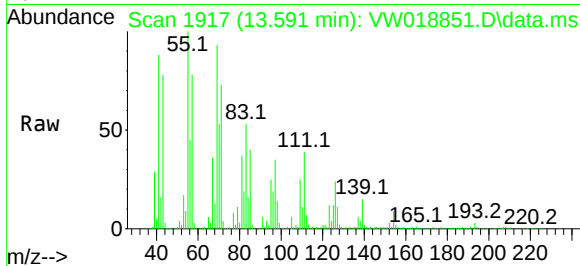




#63
1,2,4-Trimethylbenzene
Concen: 0.66 ug/L
RT: 13.591 min Scan# 1917
Delta R.T. 0.341 min
Lab File: VW018851.D
Acq: 29 Apr 2021 17:30

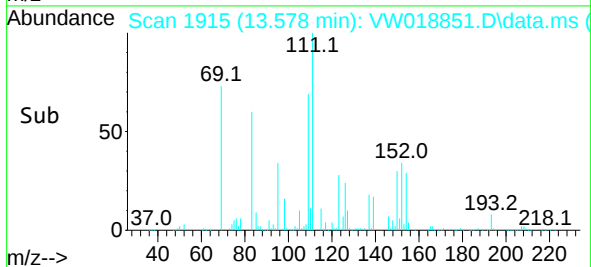
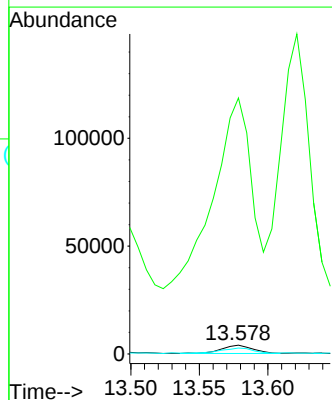
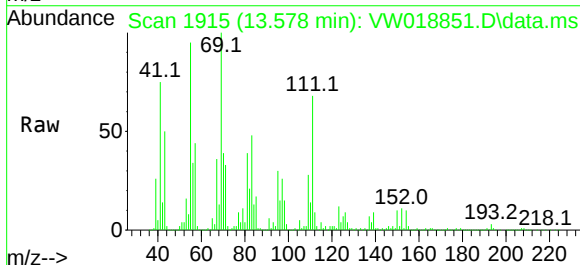
Instrument :
MSVOA_W
ClientSampled :

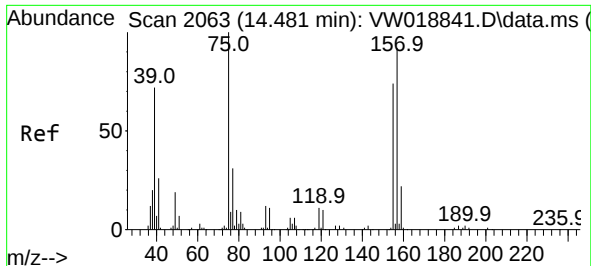
Tgt Ion:105 Resp: 12147
Ion Ratio Lower Upper
105 100
120 39.4 35.6 53.4



#65
1,4-Dichlorobenzene
Concen: 0.63 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW018851.D
Acq: 29 Apr 2021 17:30

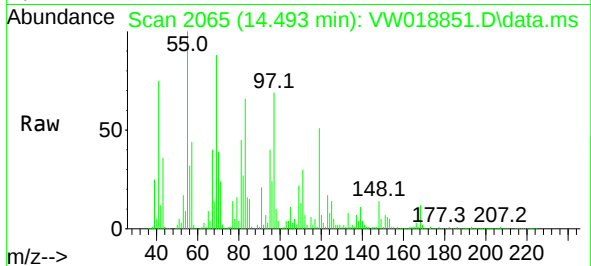
Tgt Ion:146 Resp: 5954
Ion Ratio Lower Upper
146 100
111 2900.1 28.8 53.4#
148 67.5 46.8 87.0



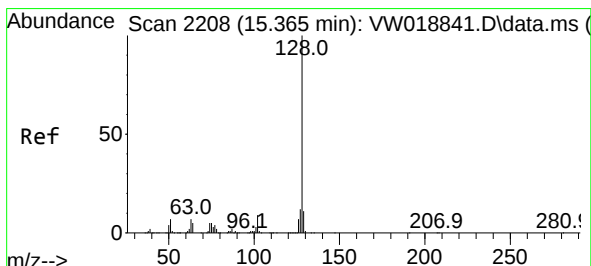
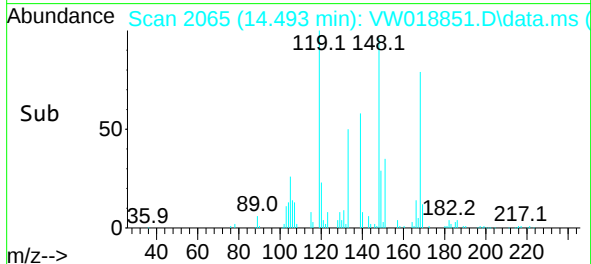
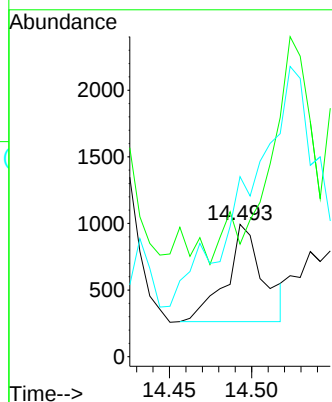


#68
1,2-Dibromo-3-chloropropane
Concen: 1.61 ug/L
RT: 14.493 min Scan# 2065
Delta R.T. 0.012 min
Lab File: VW018851.D
Acq: 29 Apr 2021 17:30

Instrument :
MSVOA_W
ClientSampled :

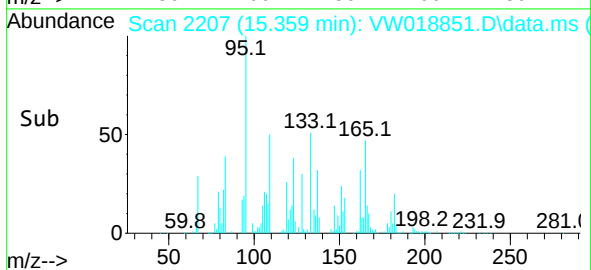
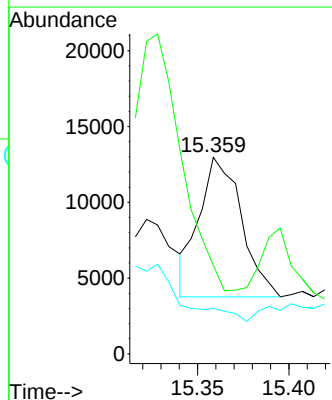
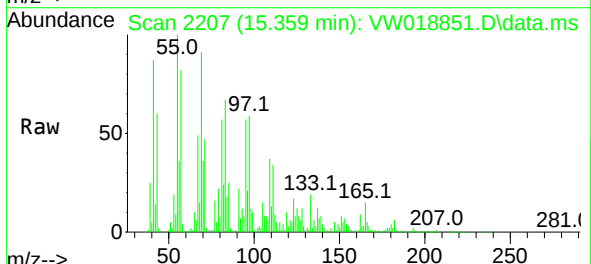


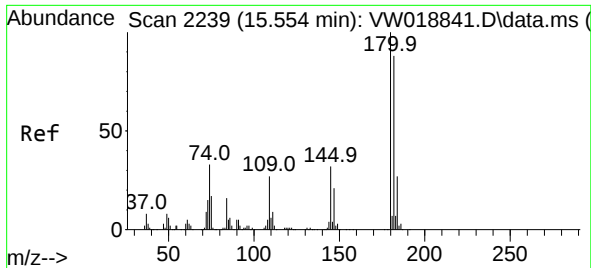
Tgt Ion: 75 Resp: 1130
Ion Ratio Lower Upper
75 100
155 85.0 59.4 89.0
157 136.1 72.2 108.2#



#71
Naphthalene
Concen: 1.26 ug/L
RT: 15.359 min Scan# 2207
Delta R.T. -0.006 min
Lab File: VW018851.D
Acq: 29 Apr 2021 17:30

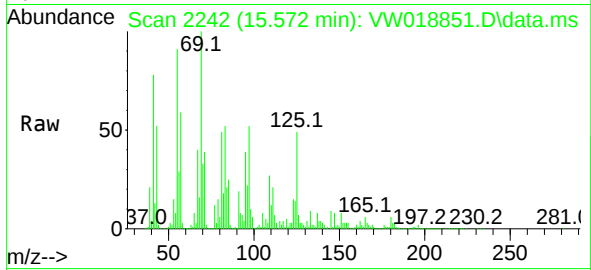
Tgt Ion: 128 Resp: 14832
Ion Ratio Lower Upper
128 100
127 38.3 10.6 15.8#
129 5.9 9.0 13.6#





#72
 1,2,3-Trichlorobenzene
 Concen: 2.51 ug/L
 RT: 15.572 min Scan# 2242
 Delta R.T. 0.018 min
 Lab File: VW018851.D
 Acq: 29 Apr 2021 17:30

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	180	Resp:	12388
Ion Ratio	Lower	Upper	
180	100		
182	62.2	76.7	115.1#
145	555.8	28.9	43.3#

