

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062921\
 Data File : VW019355.D
 Acq On : 29 Jun 2021 12:33
 Operator : SY/VA
 Sample : M2877-01
 Misc : 5.79G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 30 01:21:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 30 01:19:19 2021
 Response via : Initial Calibration

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

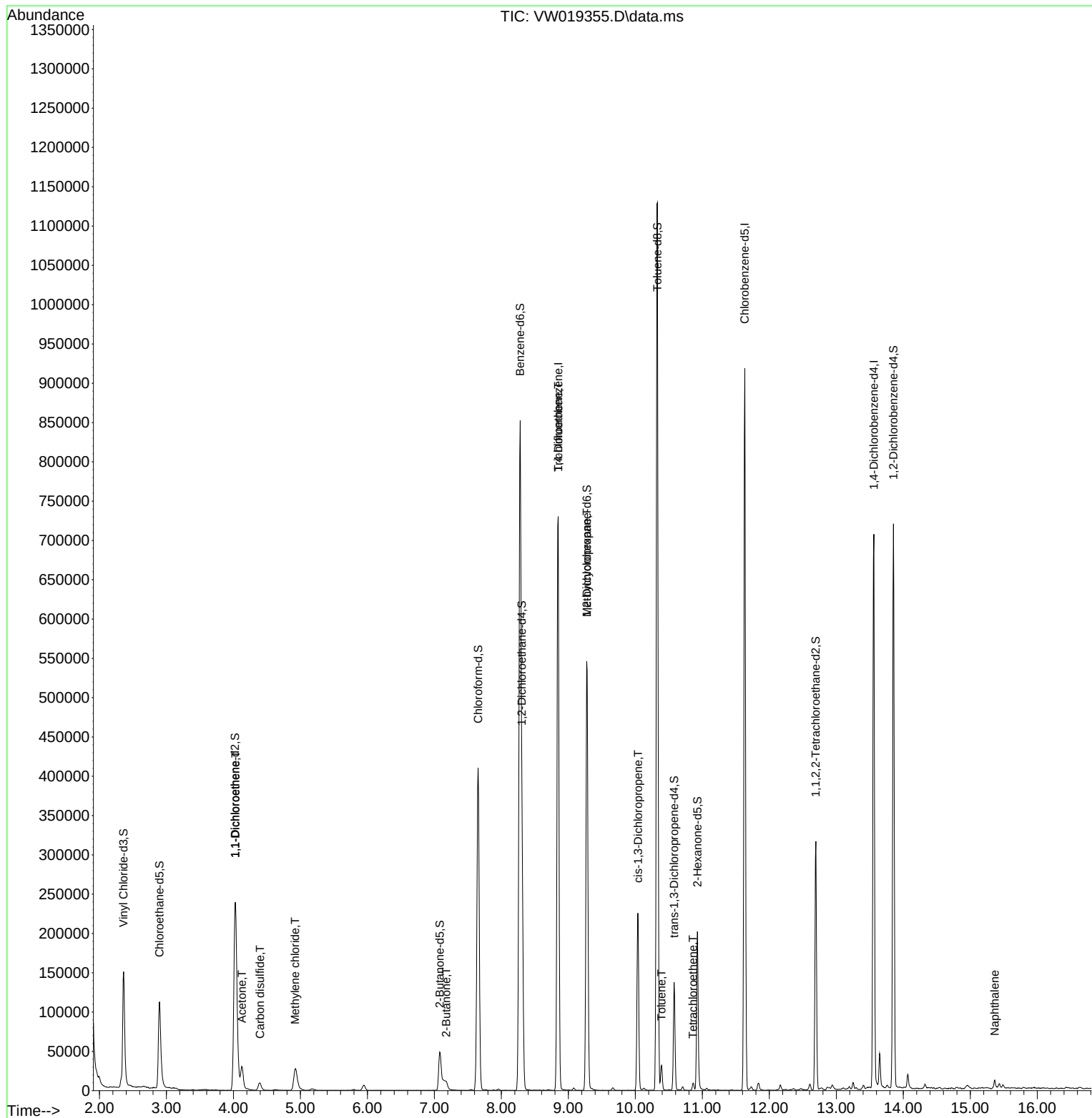
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	616596	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	503805	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	188468	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	194505	24.027	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	96.120%	
7) Chloroethane-d5	2.897	69	160529	25.509	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	102.040%	
11) 1,1-Dichloroethene-d2	4.025	63	294602	17.809	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	=	71.240%	
21) 2-Butanone-d5	7.080	46	85152	42.352	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	84.700%	
24) Chloroform-d	7.653	84	426915	25.064	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	=	100.240%	
26) 1,2-Dichloroethane-d4	8.305	65	203980	23.320	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	=	93.280%	
32) Benzene-d6	8.281	84	890394	28.837	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	=	115.360%	
36) 1,2-Dichloropropane-d6	9.274	67	270202	28.711	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	=	114.840%	
41) Toluene-d8	10.329	98	762605	27.269	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	=	109.080%	
43) trans-1,3-Dichloroprop...	10.579	79	77540	20.924	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	=	83.680%	
47) 2-Hexanone-d5	10.926	63	70919	48.217	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	96.440%	
56) 1,1,2,2-Tetrachloroeth...	12.694	84	162261	23.371	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	=	93.480%	
66) 1,2-Dichlorobenzene-d4	13.853	152	187103	27.139	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	=	108.560%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	4.031	96	2224	0.270	ug/L #	1
13) Acetone	4.129	43	50014	39.879	ug/L	88
14) Carbon disulfide	4.397	76	22111	0.847	ug/L	97
16) Methylene chloride	4.921	84	26654	2.473	ug/L	98
22) 2-Butanone	7.177	43	16438	7.685	ug/L	90
34) Trichloroethene	8.848	95	18361	2.195	ug/L #	5
35) Methylcyclohexane	9.274	83	64502	4.372	ug/L #	20
39) cis-1,3-Dichloropropene	10.042	75	4979	0.415	ug/L #	64
42) Toluene	10.390	91	22837	0.670	ug/L	97
46) Tetrachloroethene	10.859	164	2155	0.334	ug/L	97
71) Naphthalene	15.365	128	8802	0.647	ug/L	98

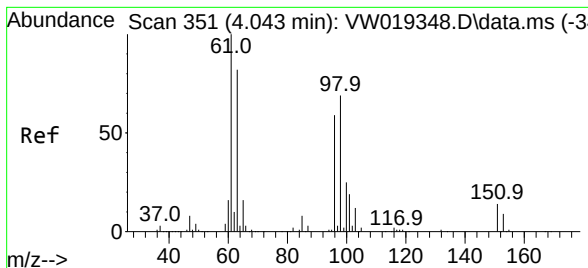
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062821SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jun 30 01:19:19 2021
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.270 ug/L

RT: 4.031 min Scan# 349

Delta R.T. -0.012 min

Lab File: VW019355.D

Acq: 29 Jun 2021 12:33

Tgt Ion: 96 Resp: 2224

Ion Ratio Lower Upper

96 100

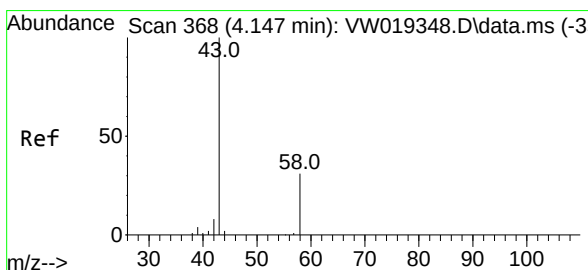
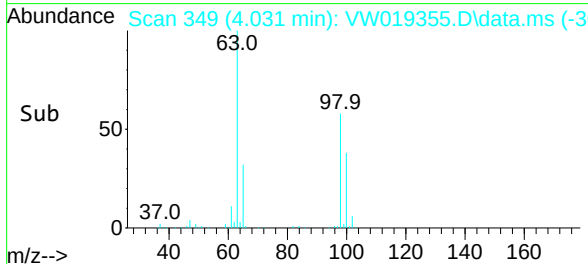
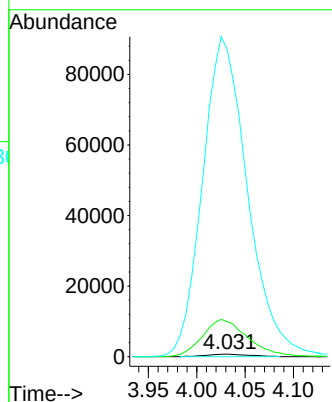
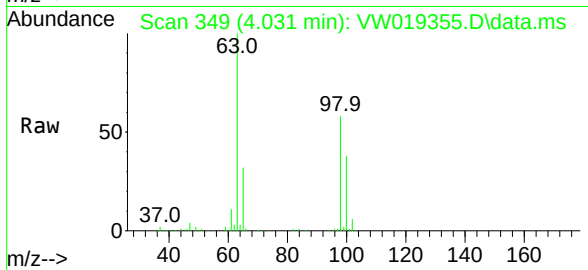
61 1378.7 118.1 219.3#

63 12125.7 83.7 155.5#

Instrument :

MSVOA_W

ClientSampled :



#13

Acetone

Concen: 39.879 ug/L

RT: 4.129 min Scan# 365

Delta R.T. -0.018 min

Lab File: VW019355.D

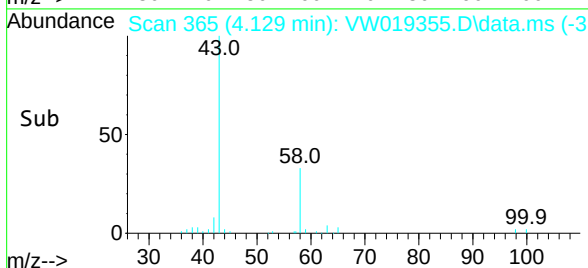
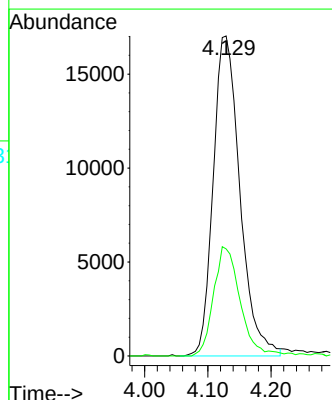
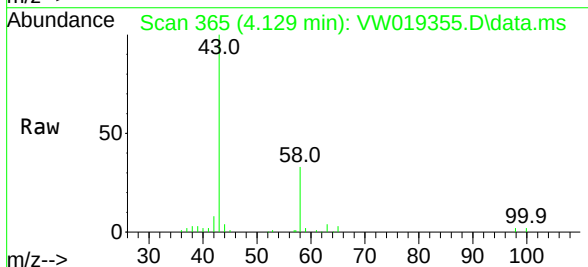
Acq: 29 Jun 2021 12:33

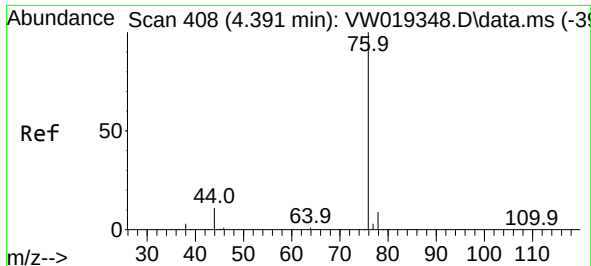
Tgt Ion: 43 Resp: 50014

Ion Ratio Lower Upper

43 100

58 33.1 0.0 53.8

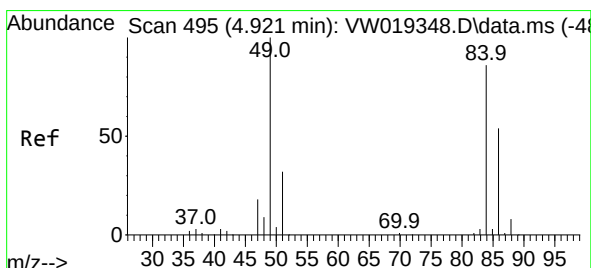
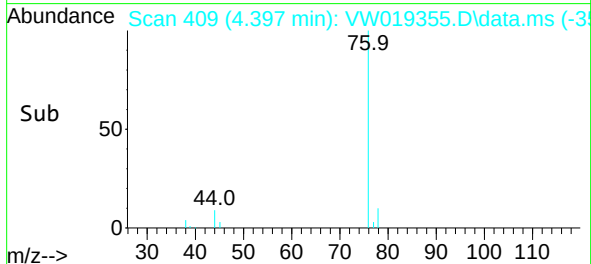
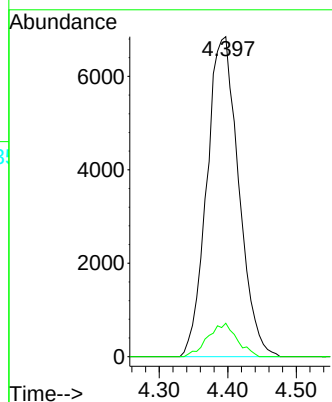
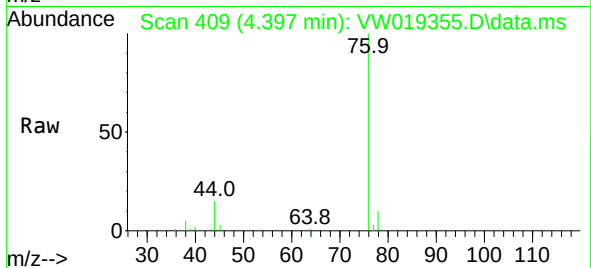




#14
Carbon disulfide
Concen: 0.847 ug/L
RT: 4.397 min Scan# 409
Delta R.T. 0.006 min
Lab File: VW019355.D
Acq: 29 Jun 2021 12:33

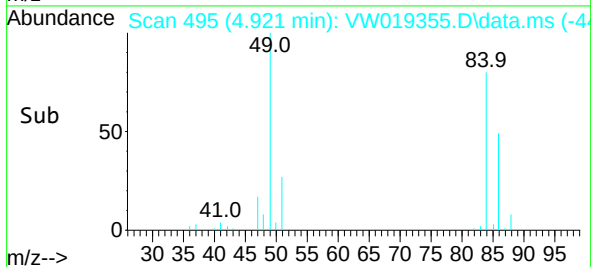
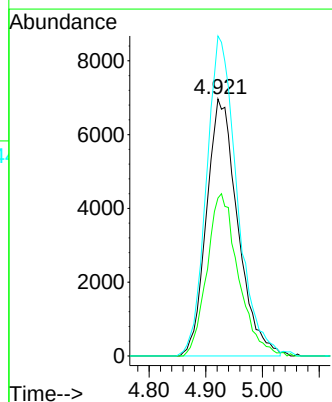
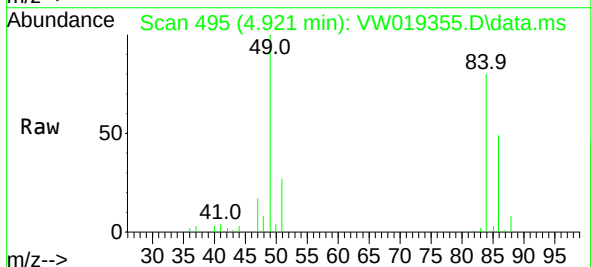
Instrument :
MSVOA_W
ClientSampled :

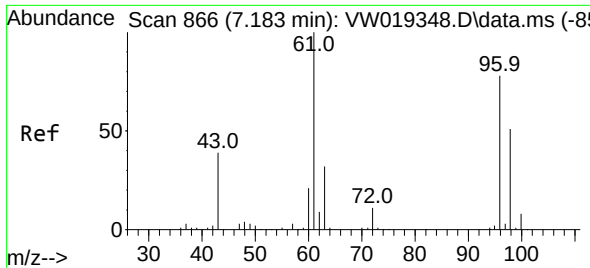
Tgt Ion: 76 Resp: 22111
Ion Ratio Lower Upper
76 100
78 10.5 7.4 11.0



#16
Methylene chloride
Concen: 2.473 ug/L
RT: 4.921 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW019355.D
Acq: 29 Jun 2021 12:33

Tgt Ion: 84 Resp: 26654
Ion Ratio Lower Upper
84 100
86 61.4 45.3 84.1
49 124.5 86.6 160.8

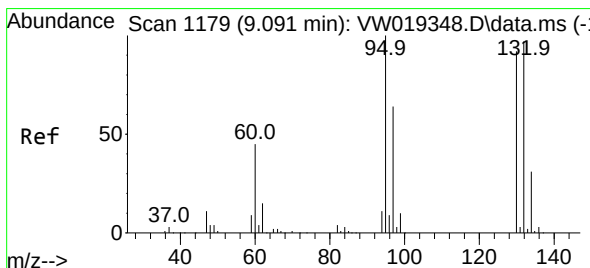
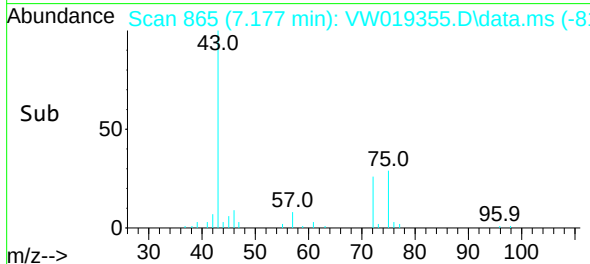
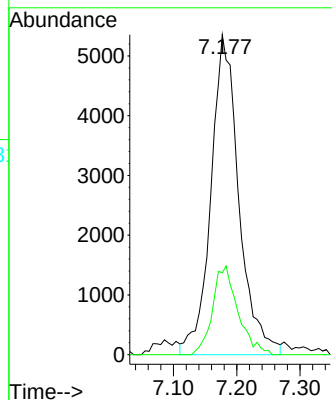
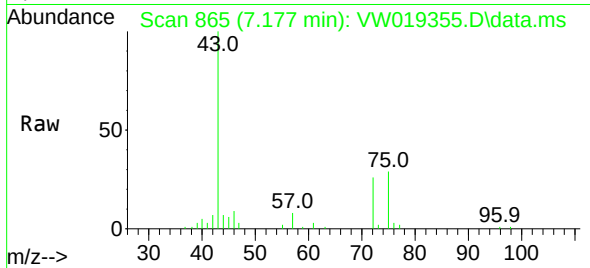




#22
2-Butanone
Concen: 7.685 ug/L
RT: 7.177 min Scan# 865
Delta R.T. -0.006 min
Lab File: VW019355.D
Acq: 29 Jun 2021 12:33

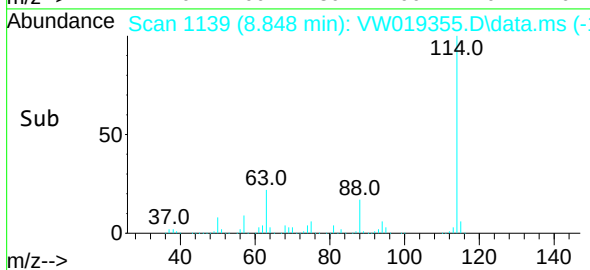
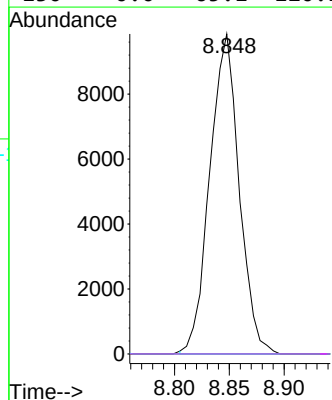
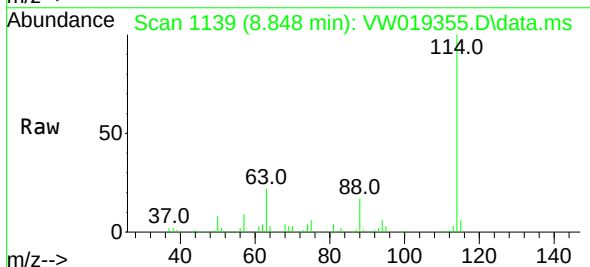
Instrument :
MSVOA_W
ClientSampled :

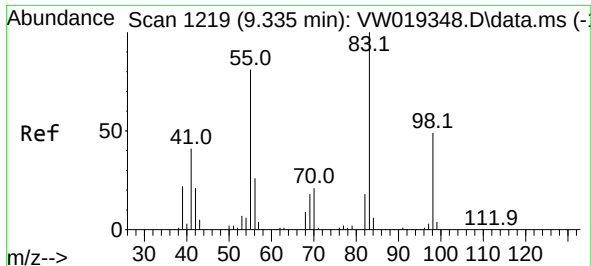
Tgt Ion: 43 Resp: 16438
Ion Ratio Lower Upper
43 100
72 24.1 14.9 44.7



#34
Trichloroethene
Concen: 2.195 ug/L
RT: 8.848 min Scan# 1139
Delta R.T. -0.244 min
Lab File: VW019355.D
Acq: 29 Jun 2021 12:33

Tgt Ion: 95 Resp: 18361
Ion Ratio Lower Upper
95 100
97 0.0 47.3 87.8#
132 0.0 71.0 131.8#
130 0.0 65.1 120.9#

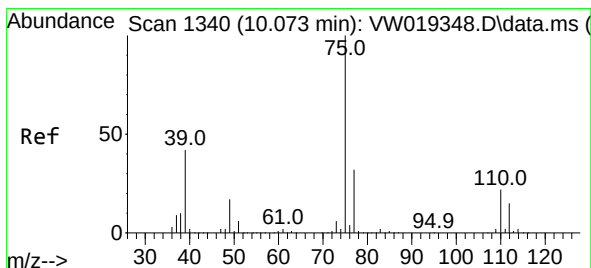
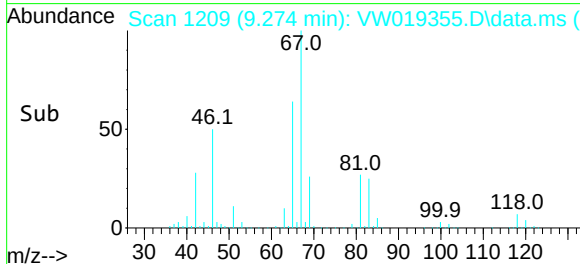
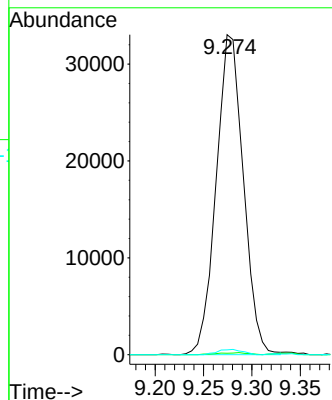
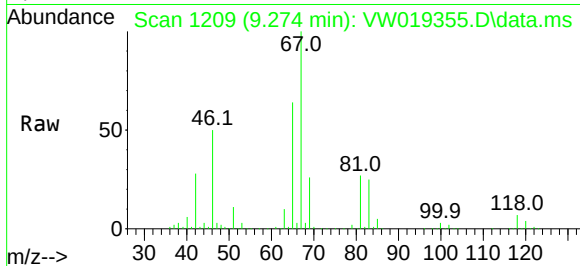




#35
Methylcyclohexane
Concen: 4.372 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW019355.D
Acq: 29 Jun 2021 12:33

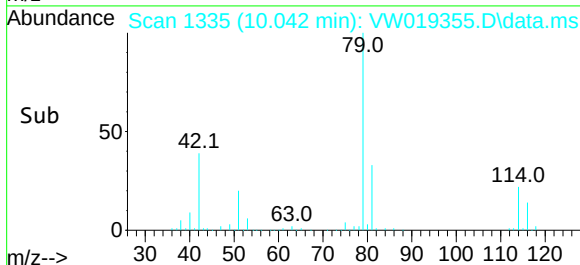
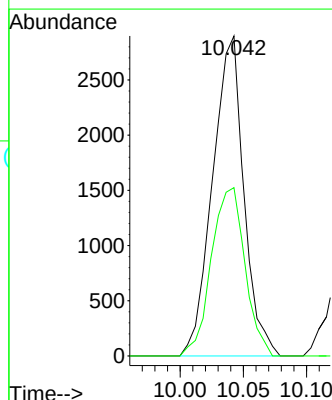
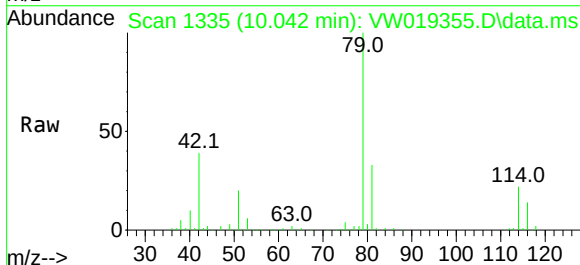
Instrument :
MSVOA_W
ClientSampleId :

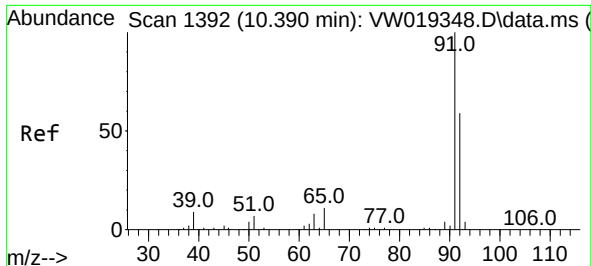
Tgt Ion: 83 Resp: 64502
Ion Ratio Lower Upper
83 100
55 0.4 58.9 88.3#
98 1.5 40.1 60.1#



#39
cis-1,3-Dichloropropene
Concen: 0.415 ug/L
RT: 10.042 min Scan# 1335
Delta R.T. -0.030 min
Lab File: VW019355.D
Acq: 29 Jun 2021 12:33

Tgt Ion: 75 Resp: 4979
Ion Ratio Lower Upper
75 100
77 52.6 22.6 42.0#

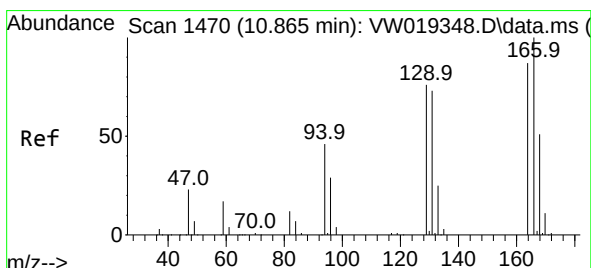
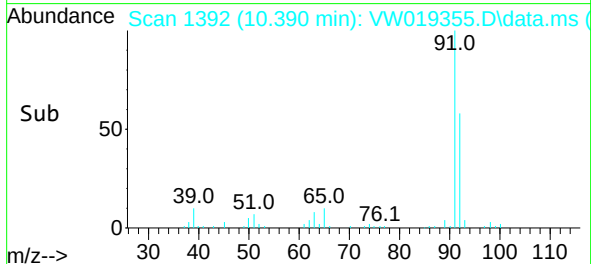
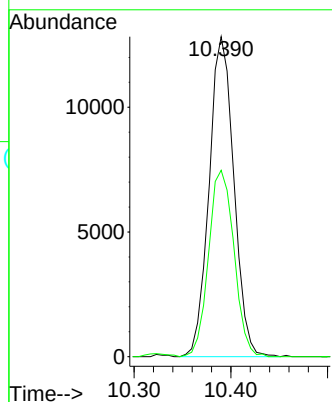
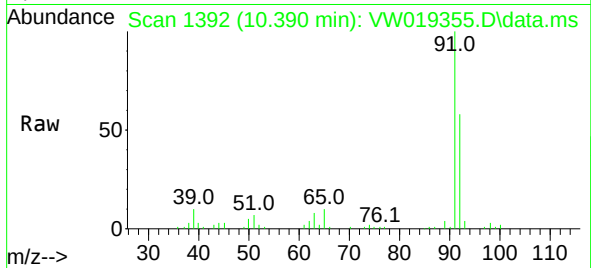




#42
Toluene
Concen: 0.670 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW019355.D
Acq: 29 Jun 2021 12:33

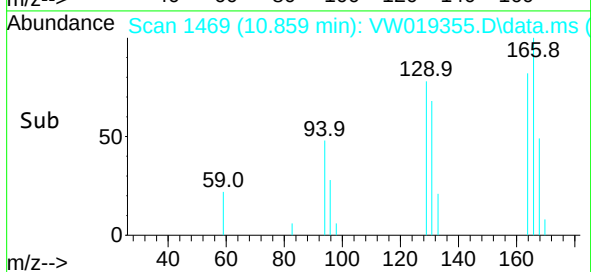
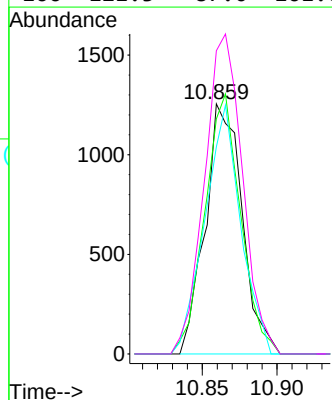
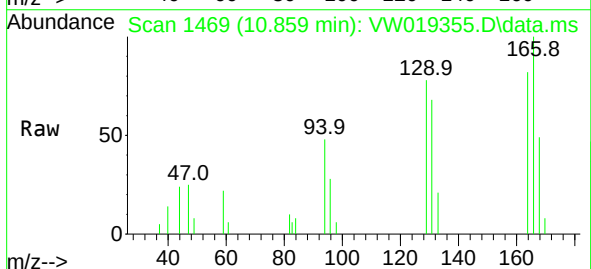
Instrument :
MSVOA_W
ClientSampled :

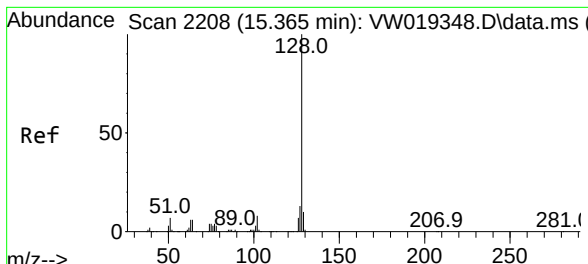
Tgt Ion: 91 Resp: 22837
Ion Ratio Lower Upper
91 100
92 58.3 39.5 73.3



#46
Tetrachloroethene
Concen: 0.334 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW019355.D
Acq: 29 Jun 2021 12:33

Tgt Ion: 164 Resp: 2155
Ion Ratio Lower Upper
164 100
129 94.0 66.7 123.9
131 82.8 61.1 113.5
166 121.3 87.0 161.6





#71
 Naphthalene
 Concen: 0.647 ug/L
 RT: 15.365 min Scan# 2208
 Delta R.T. 0.000 min
 Lab File: VW019355.D
 Acq: 29 Jun 2021 12:33

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:	128	Resp:	8802
Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.6	15.8
129	10.4	9.0	13.6

