

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062921\
 Data File : VW019353.D
 Acq On : 29 Jun 2021 11:45
 Operator : SY/VA
 Sample : M2869-06RE
 Misc : 4.35G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 30 01:21:04 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)

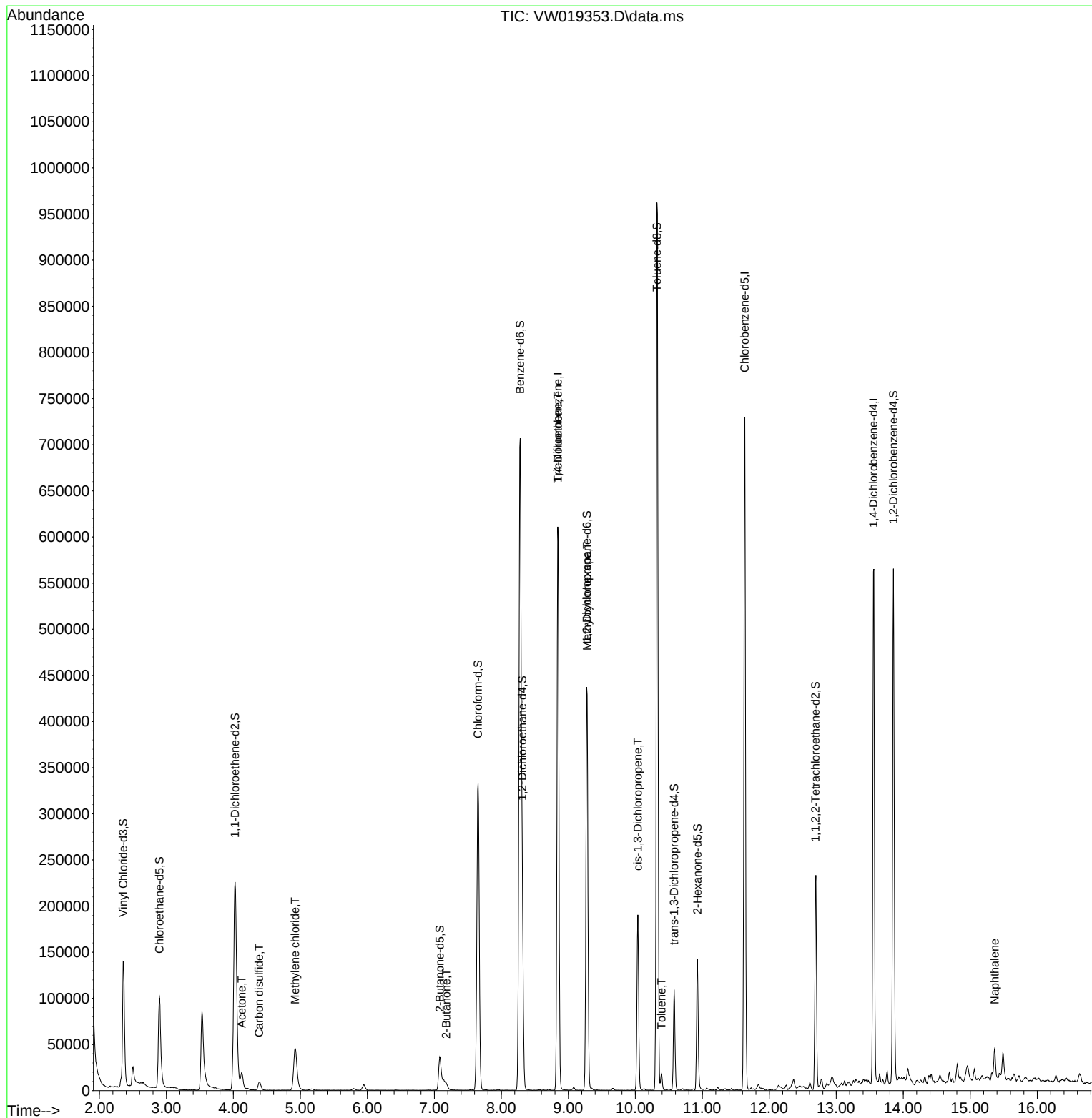
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	518480	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	412982	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	153038	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	169681	24.927	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	99.720%	
7) Chloroethane-d5	2.898	69	140720	26.592	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	106.360%	
11) 1,1-Dichloroethene-d2	4.025	63	264267	18.998	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	=	76.000%	
21) 2-Butanone-d5	7.080	46	61731	36.513	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	73.020%	
24) Chloroform-d	7.653	84	353375	24.673	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	=	98.680%	
26) 1,2-Dichloroethane-d4	8.311	65	164556	22.373	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	=	89.480%	
32) Benzene-d6	8.281	84	746908	29.510	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	=	118.040%	
36) 1,2-Dichloropropane-d6	9.275	67	220401	28.569	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	=	114.280%	
41) Toluene-d8	10.323	98	644249	28.103	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	=	112.400%	
43) trans-1,3-Dichloroprop...	10.579	79	61724	20.320	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	=	81.280%	
47) 2-Hexanone-d5	10.927	63	48151	39.937	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	79.880%	
56) 1,1,2,2-Tetrachloroeth...	12.689	84	119042	20.917	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	=	83.680%	
66) 1,2-Dichlorobenzene-d4	13.853	152	144752	25.857	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	=	103.440%	
Target Compounds						
					Qvalue	
13) Acetone	4.123	43	30622	29.038	ug/L	88
14) Carbon disulfide	4.385	76	19604	0.893	ug/L	99
16) Methylene chloride	4.922	84	41594	4.589	ug/L	94
22) 2-Butanone	7.177	43	9998	5.559	ug/L	96
34) Trichloroethene	8.842	95	15306	2.233	ug/L #	5
35) Methylcyclohexane	9.281	83	52143	4.312	ug/L #	20
39) cis-1,3-Dichloropropene	10.037	75	4311	0.438	ug/L #	41
42) Toluene	10.390	91	12836	0.459	ug/L	95
71) Naphthalene	15.365	128	32184	2.915	ug/L	99

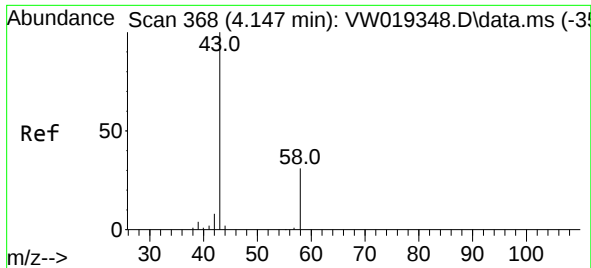
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 1 Sample Multiplier: 1

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MSVOA_W
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Quant Time: Jun 30 01:21:04 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

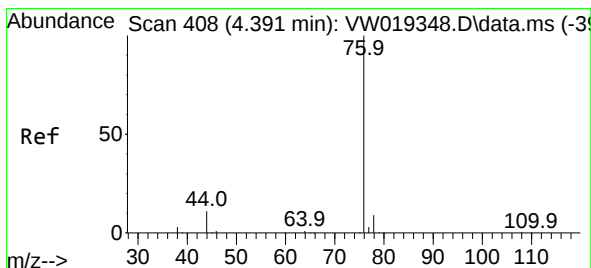
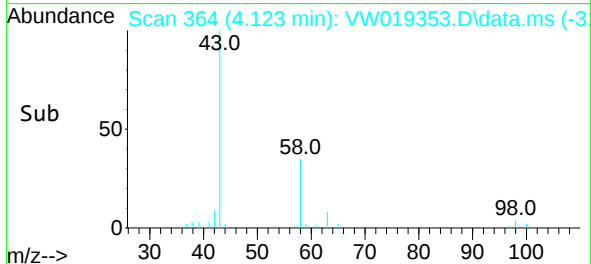
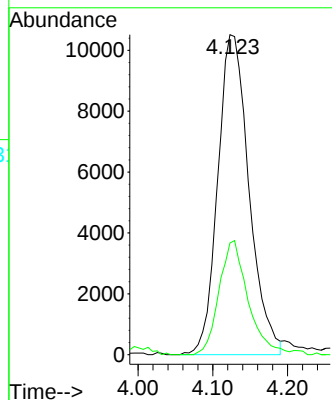
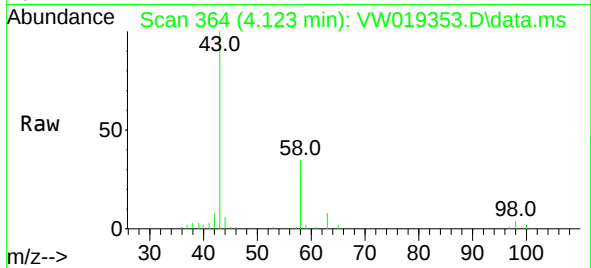




#13
Acetone
Concen: 29.038 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.024 min
Lab File: VW019353.D
Acq: 29 Jun 2021 11:45

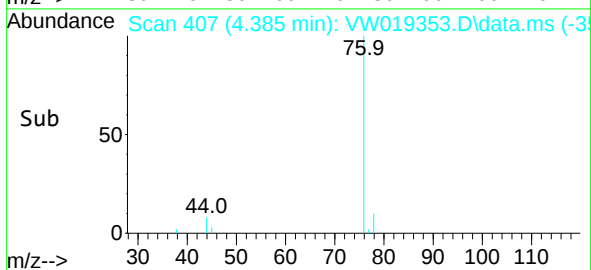
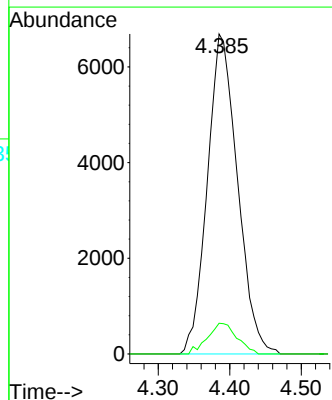
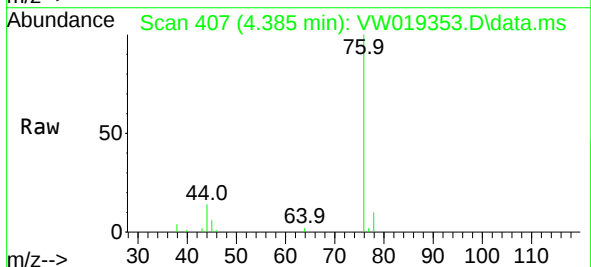
Instrument :
MSVOA_W
ClientSampled :

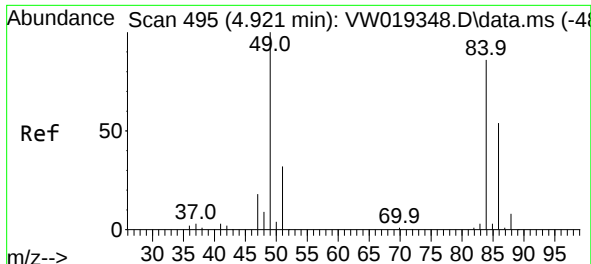
Tgt Ion: 43 Resp: 30622
Ion Ratio Lower Upper
43 100
58 33.0 0.0 53.8



#14
Carbon disulfide
Concen: 0.893 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.006 min
Lab File: VW019353.D
Acq: 29 Jun 2021 11:45

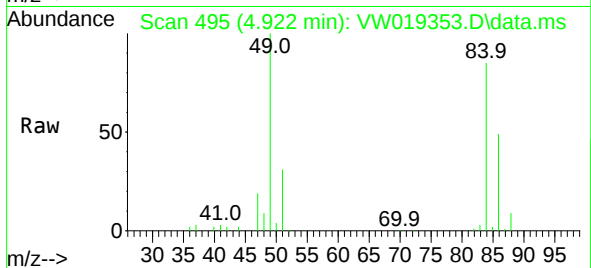
Tgt Ion: 76 Resp: 19604
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0



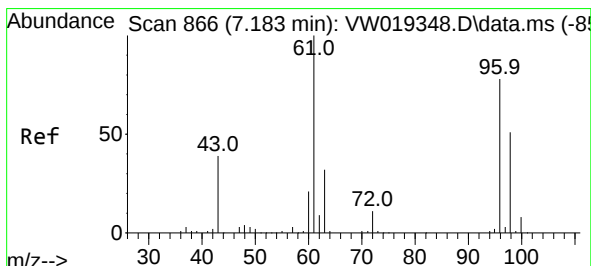
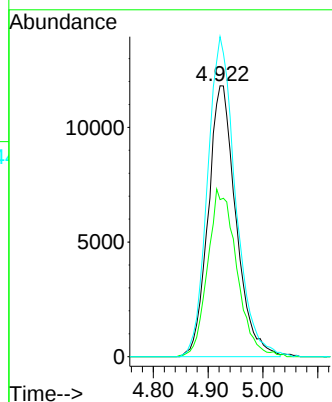
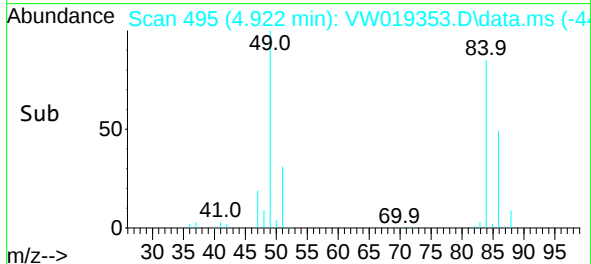


#16
Methylene chloride
Concen: 4.589 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW019353.D
Acq: 29 Jun 2021 11:45

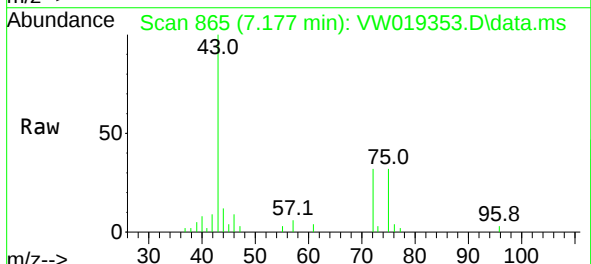
Instrument :
MSVOA_W
ClientSampled :



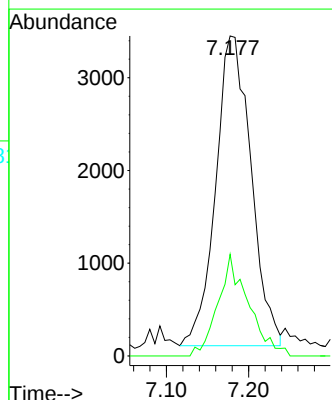
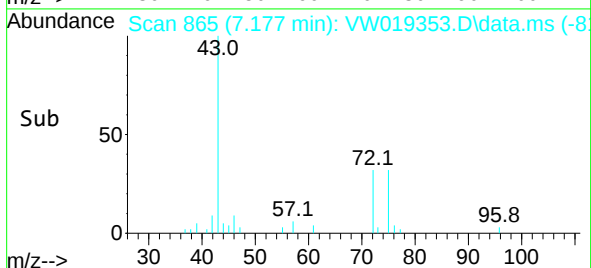
Tgt Ion: 84 Resp: 41594
Ion Ratio Lower Upper
84 100
86 58.0 45.3 84.1
49 118.1 86.6 160.8

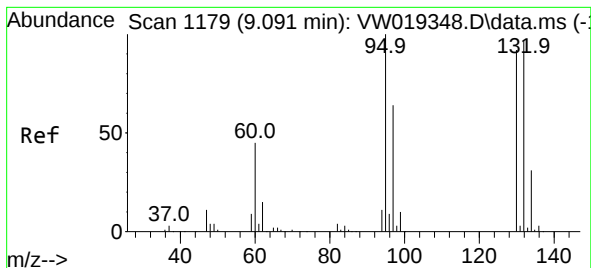


#22
2-Butanone
Concen: 5.559 ug/L
RT: 7.177 min Scan# 865
Delta R.T. -0.006 min
Lab File: VW019353.D
Acq: 29 Jun 2021 11:45



Tgt Ion: 43 Resp: 9998
Ion Ratio Lower Upper
43 100
72 27.9 14.9 44.7





#34

Trichloroethene

Concen: 2.233 ug/L

RT: 8.842 min Scan# 1138

Delta R.T. -0.250 min

Lab File: VW019353.D

Acq: 29 Jun 2021 11:45

Tgt Ion: 95 Resp: 15306

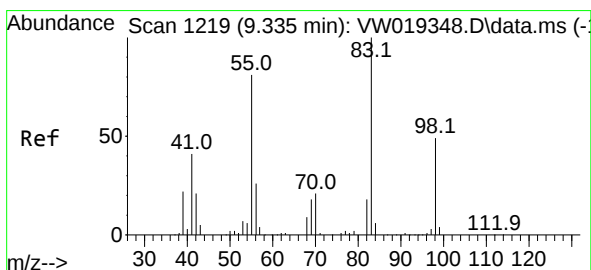
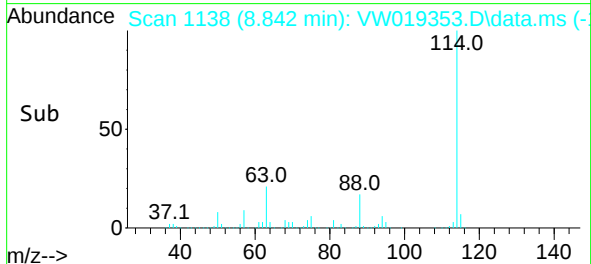
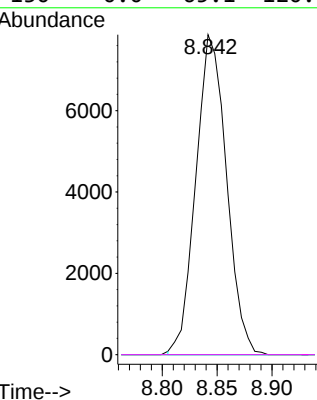
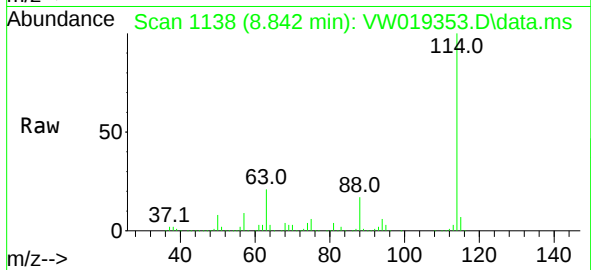
Ion Ratio Lower Upper

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: 4.312 ug/L

RT: 9.281 min Scan# 1210

Delta R.T. -0.055 min

Lab File: VW019353.D

Acq: 29 Jun 2021 11:45

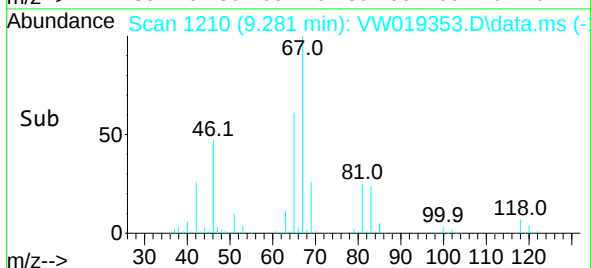
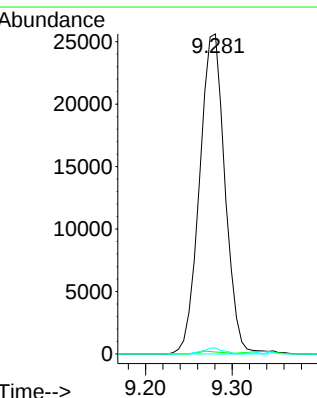
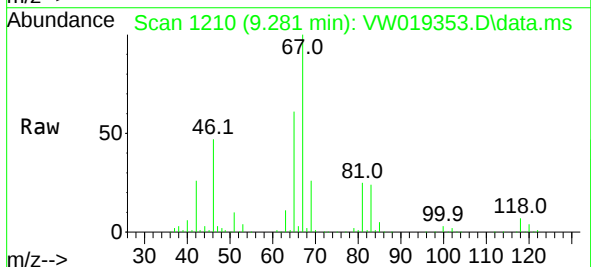
Tgt Ion: 83 Resp: 52143

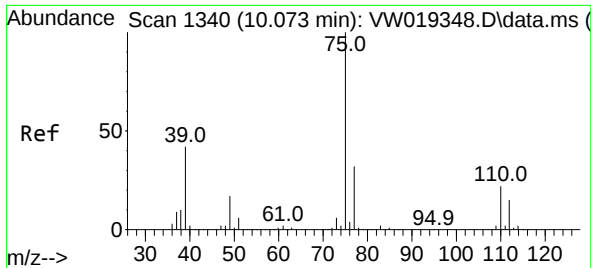
Ion Ratio Lower Upper

83 100

55 0.7 58.9 88.3#

98 1.5 40.1 60.1#

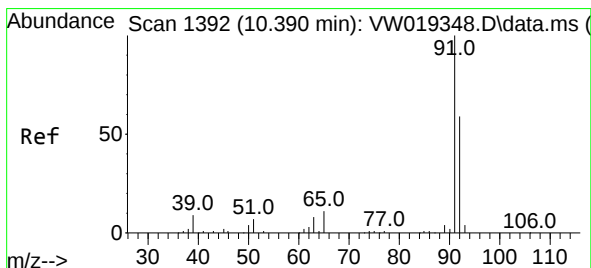
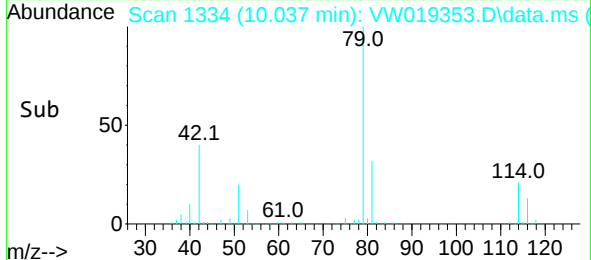
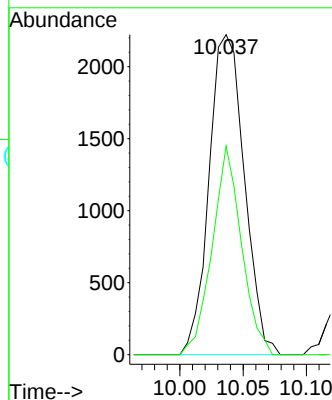
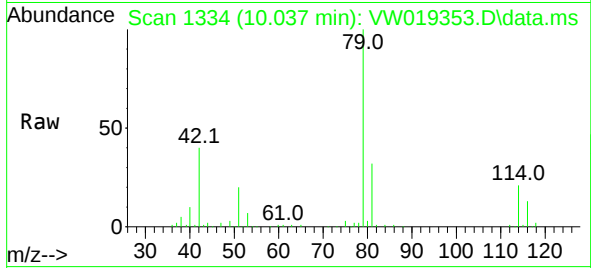




#39
 cis-1,3-Dichloropropene
 Concen: 0.438 ug/L
 RT: 10.037 min Scan# 1334
 Delta R.T. -0.036 min
 Lab File: VW019353.D
 Acq: 29 Jun 2021 11:45

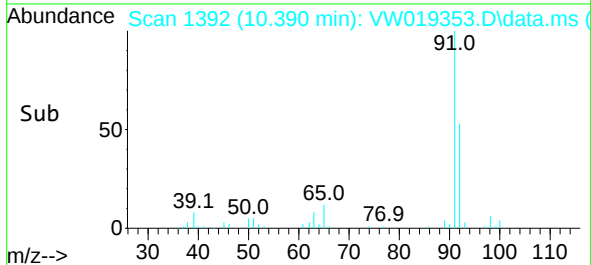
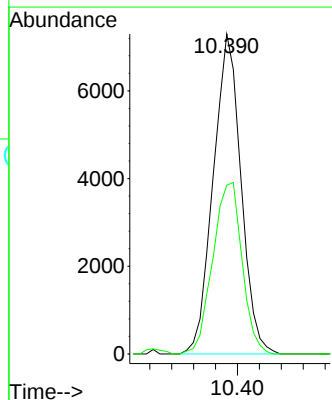
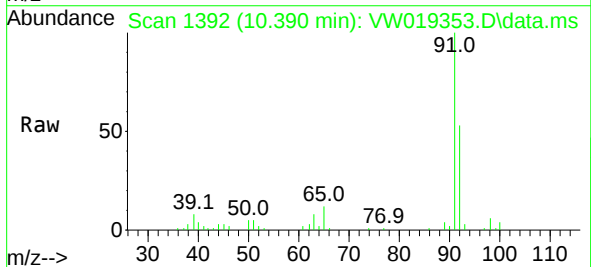
Instrument :
 MSVOA_W
 ClientSampled :

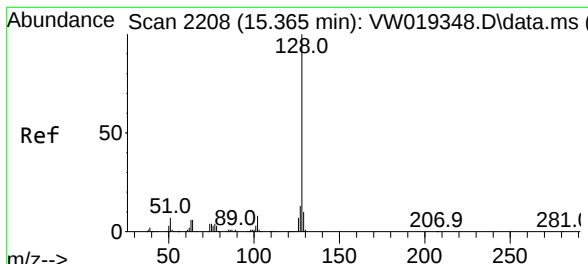
Tgt Ion: 75 Resp: 4311
 Ion Ratio Lower Upper
 75 100
 77 65.2 22.6 42.0#



#42
 Toluene
 Concen: 0.459 ug/L
 RT: 10.390 min Scan# 1392
 Delta R.T. 0.000 min
 Lab File: VW019353.D
 Acq: 29 Jun 2021 11:45

Tgt Ion: 91 Resp: 12836
 Ion Ratio Lower Upper
 91 100
 92 52.7 39.5 73.3





#71
Naphthalene
Concen: 2.915 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW019353.D
Acq: 29 Jun 2021 11:45

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion:128 Resp: 32184
Ion Ratio Lower Upper
128 100
127 12.6 10.6 15.8
129 11.0 9.0 13.6

