

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072221\
 Data File : VW019555.D
 Acq On : 22 Jul 2021 15:58
 Operator : SY/VA
 Sample : M3141-07
 Misc : 4.90g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 23 01:50:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 23 01:46:10 2021
 Response via : Initial Calibration

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

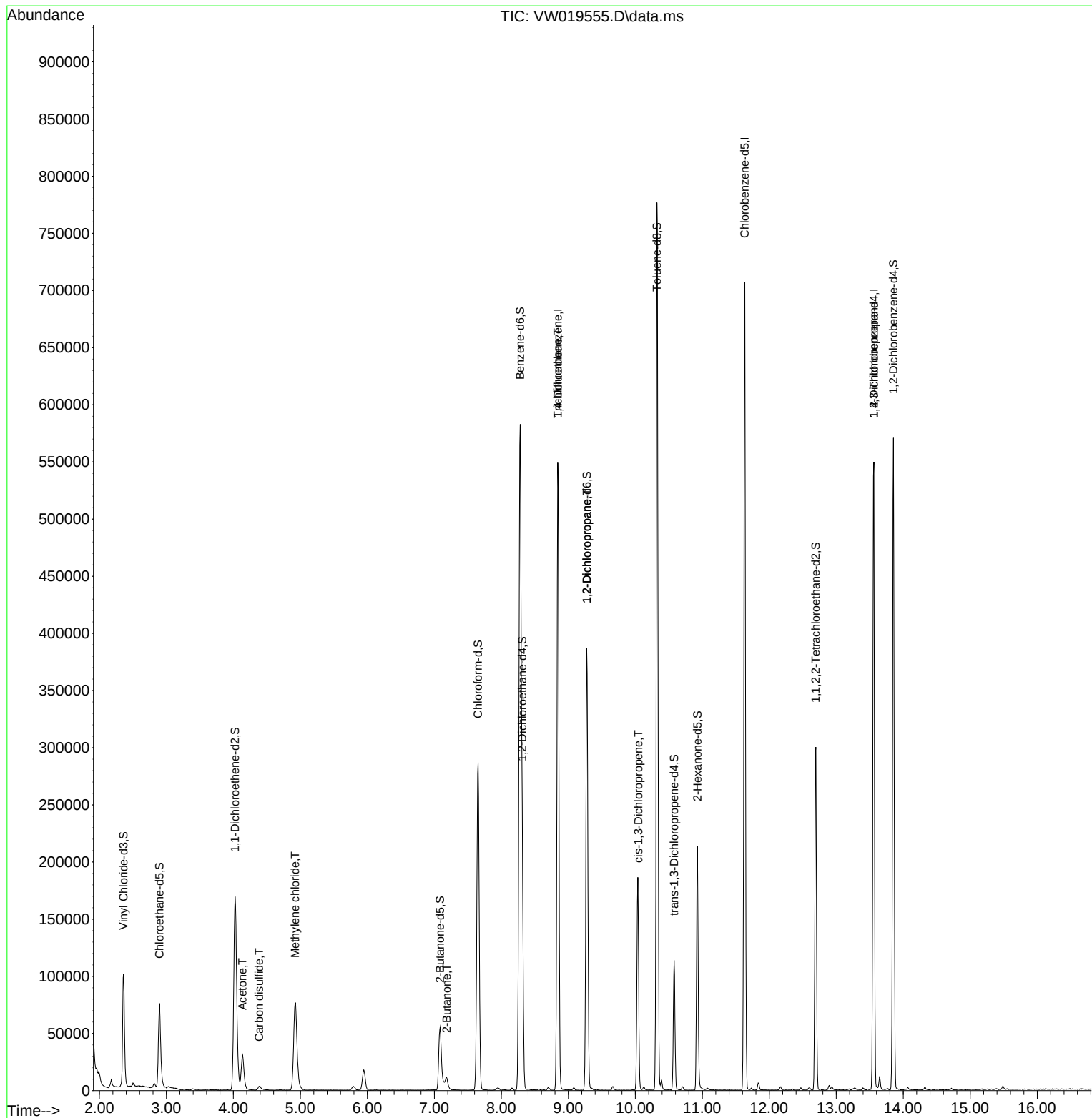
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	456514	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	388029	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	145997	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	107937	16.687	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.760%
7) Chloroethane-d5	2.898	69	98399	21.333	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.320%
11) 1,1-Dichloroethene-d2	4.026	63	191749	15.364	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	61.440%
21) 2-Butanone-d5	7.086	46	96038	51.156	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.320%
24) Chloroform-d	7.653	84	301466	23.899	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.600%
26) 1,2-Dichloroethane-d4	8.311	65	170692	24.659	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.640%
32) Benzene-d6	8.281	84	605837	26.229	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.920%
36) 1,2-Dichloropropane-d6	9.275	67	188589	26.196	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.800%
41) Toluene-d8	10.323	98	522397	25.085	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.360%
43) trans-1,3-Dichloroprop...	10.579	79	65853	21.360	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.440%
47) 2-Hexanone-d5	10.927	63	73390	54.948	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.900%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	156293	26.867	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.480%
66) 1,2-Dichlorobenzene-d4	13.853	152	148295	28.789	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	115.160%
Target Compounds					Qvalue	
13) Acetone	4.135	43	56970	41.183	ug/L	89
14) Carbon disulfide	4.385	76	7735	0.405	ug/L #	93
16) Methylene chloride	4.922	84	68342	7.509	ug/L	97
22) 2-Butanone	7.183	43	17755	8.295	ug/L	93
34) Trichloroethene	8.842	95	13632	2.199	ug/L #	5
37) 1,2-Dichloropropane	9.275	63	21399	3.477	ug/L #	86
39) cis-1,3-Dichloropropene	10.043	75	4478	0.476	ug/L #	77
61) 1,2,3-Trichloropropane	13.560	75	17505	5.473	ug/L #	64

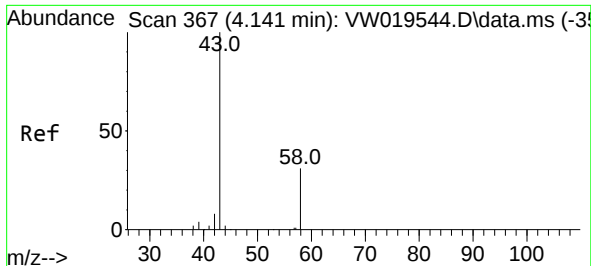
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jul 23 01:46:10 2021
Response via : Initial Calibration

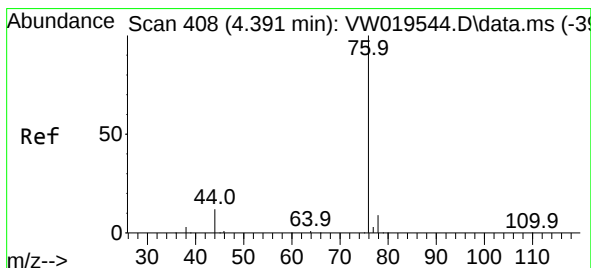
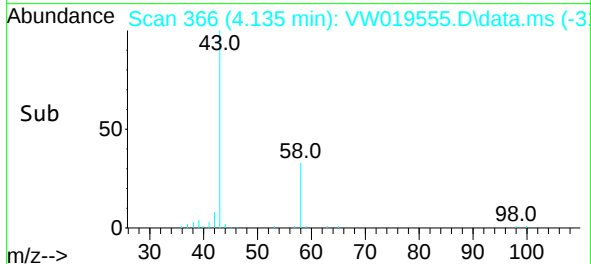
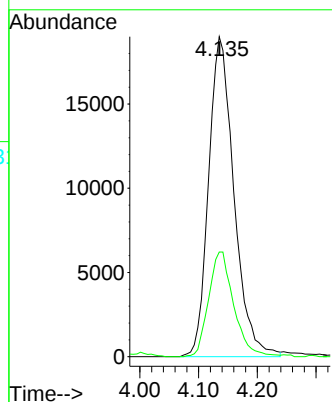
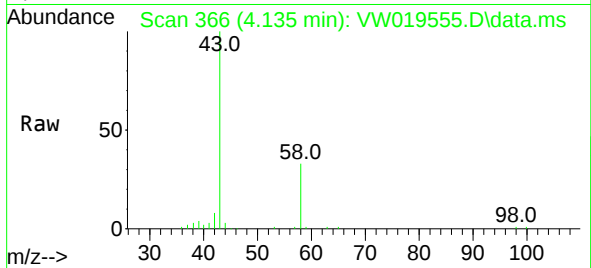




#13
Acetone
Concen: 41.183 ug/L
RT: 4.135 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW019555.D
Acq: 22 Jul 2021 15:58

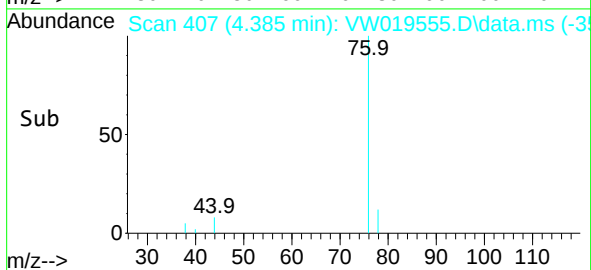
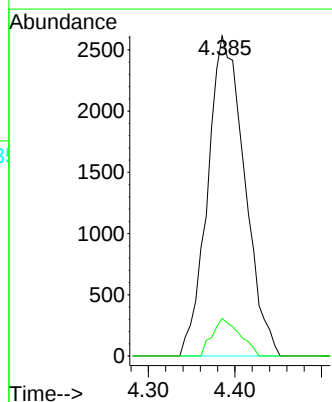
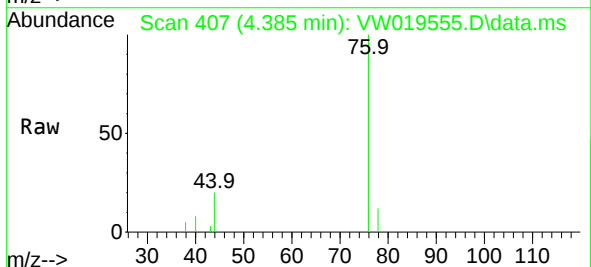
Instrument :
MSVOA_W
ClientSampled :

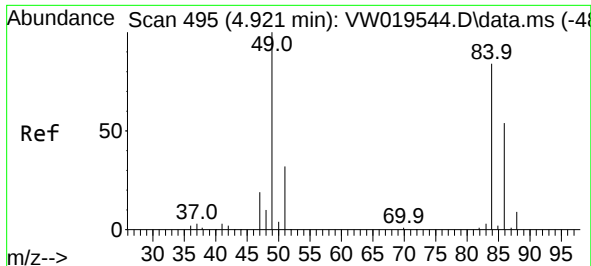
Tgt Ion: 43 Resp: 56970
Ion Ratio Lower Upper
43 100
58 32.4 0.0 53.8



#14
Carbon disulfide
Concen: 0.405 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.006 min
Lab File: VW019555.D
Acq: 22 Jul 2021 15:58

Tgt Ion: 76 Resp: 7735
Ion Ratio Lower Upper
76 100
78 11.7 7.4 11.0#

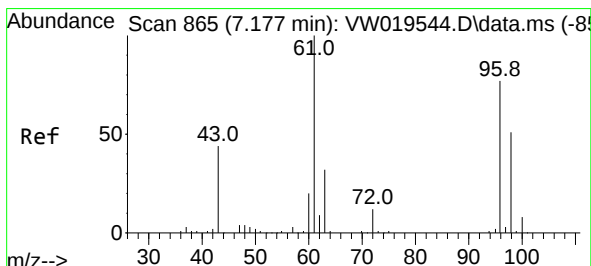
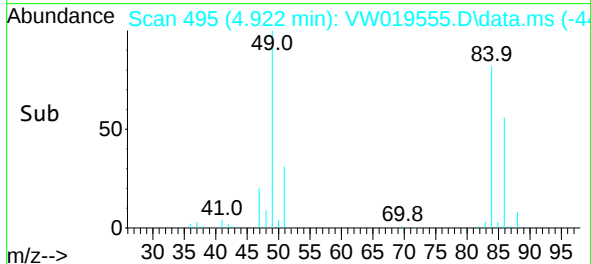
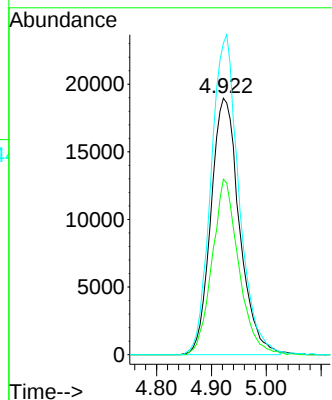
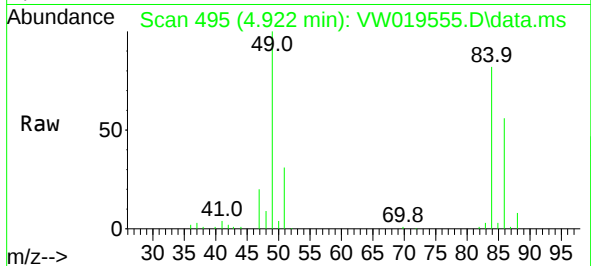




#16
Methylene chloride
Concen: 7.509 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW019555.D
Acq: 22 Jul 2021 15:58

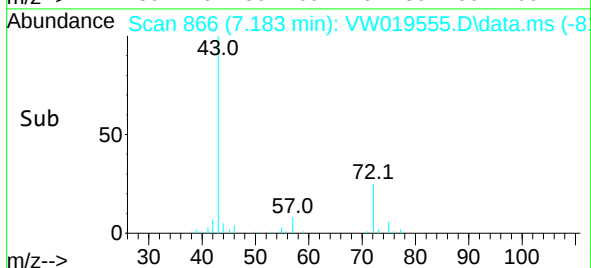
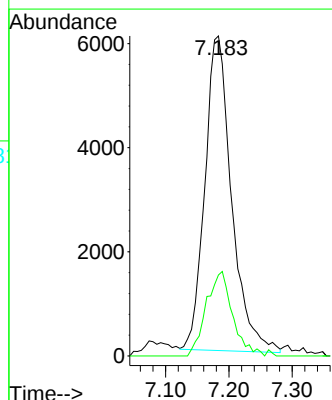
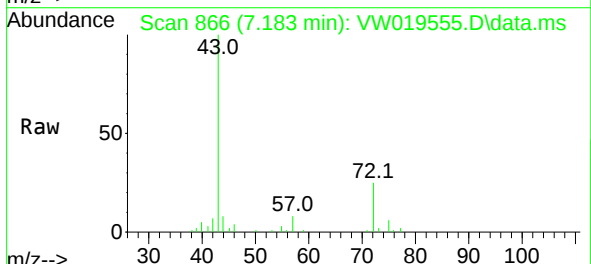
Instrument :
MSVOA_W
ClientSampled :

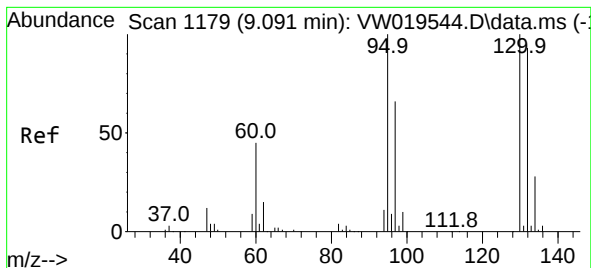
Tgt Ion: 84 Resp: 68342
Ion Ratio Lower Upper
84 100
86 68.4 45.3 84.1
49 121.5 86.6 160.8



#22
2-Butanone
Concen: 8.295 ug/L
RT: 7.183 min Scan# 866
Delta R.T. 0.007 min
Lab File: VW019555.D
Acq: 22 Jul 2021 15:58

Tgt Ion: 43 Resp: 17755
Ion Ratio Lower Upper
43 100
72 25.9 14.9 44.7





#34

Trichloroethene

Concen: 2.199 ug/L

RT: 8.842 min Scan# 1138

Delta R.T. -0.250 min

Lab File: VW019555.D

Acq: 22 Jul 2021 15:58

Tgt Ion: 95 Resp: 13632

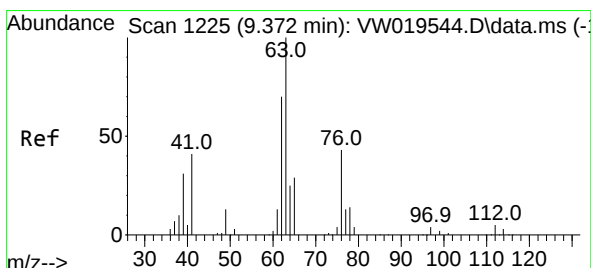
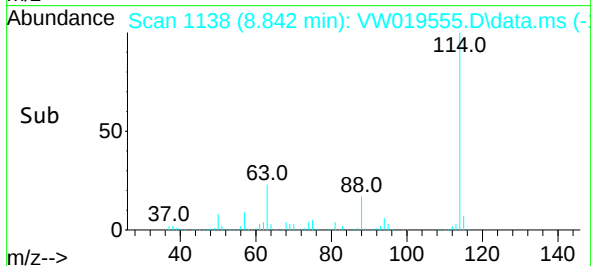
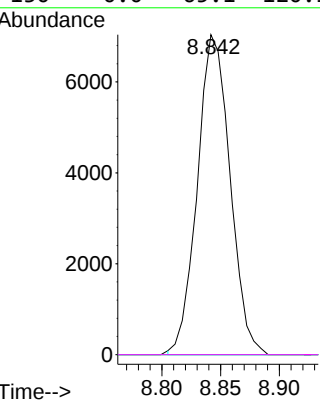
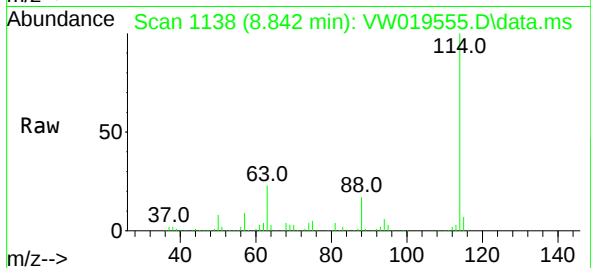
Ion Ratio Lower Upper

95 100

97 0.0 47.3 87.8#

132 0.0 71.0 131.8#

130 0.0 65.1 120.9#



#37

1,2-Dichloropropane

Concen: 3.477 ug/L

RT: 9.275 min Scan# 1209

Delta R.T. -0.097 min

Lab File: VW019555.D

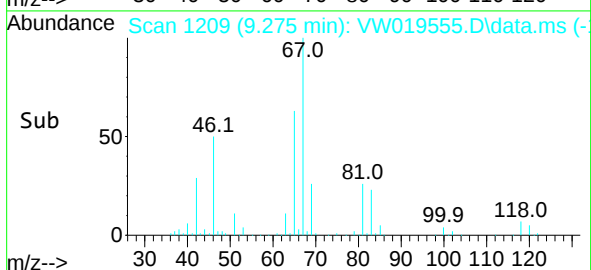
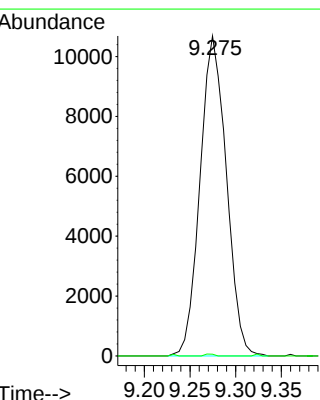
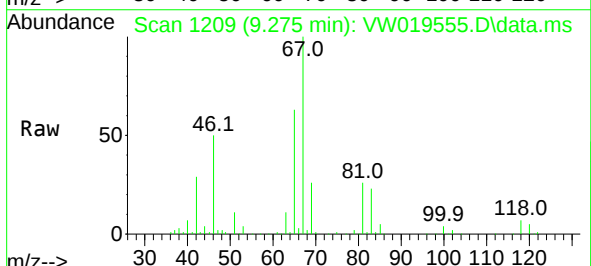
Acq: 22 Jul 2021 15:58

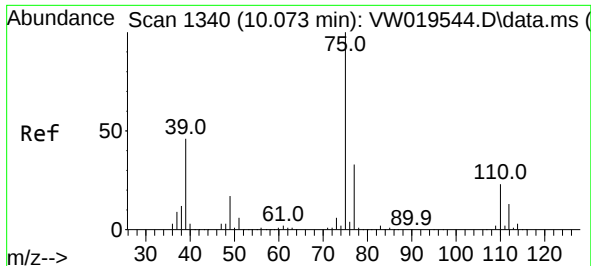
Tgt Ion: 63 Resp: 21399

Ion Ratio Lower Upper

63 100

112 0.2 3.9 5.9#

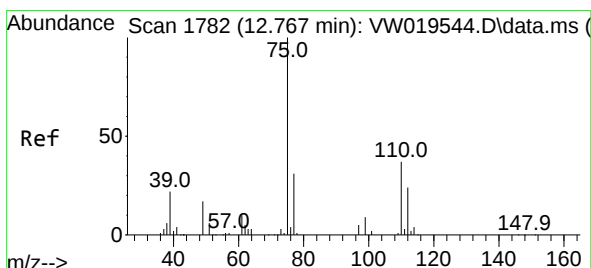
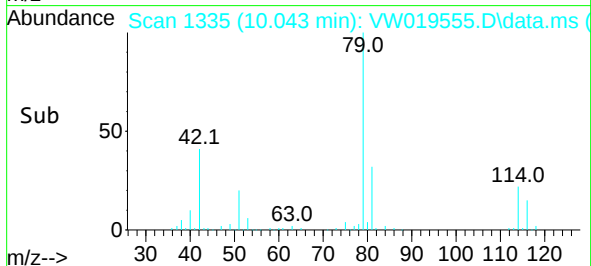
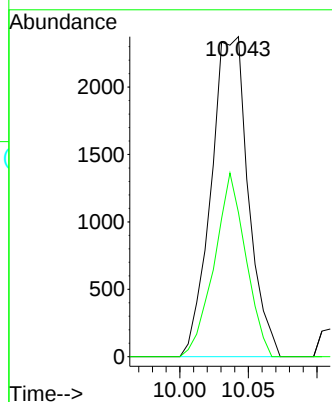
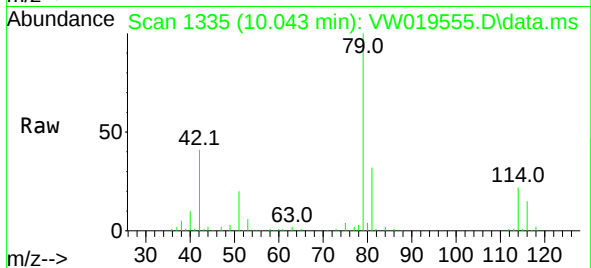




#39
cis-1,3-Dichloropropene
Concen: 0.476 ug/L
RT: 10.043 min Scan# 1335
Delta R.T. -0.030 min
Lab File: VW019555.D
Acq: 22 Jul 2021 15:58

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 75 Resp: 4478
Ion Ratio Lower Upper
75 100
77 45.1 22.6 42.0#



#61
1,2,3-Trichloropropane
Concen: 5.473 ug/L
RT: 13.560 min Scan# 1912
Delta R.T. 0.793 min
Lab File: VW019555.D
Acq: 22 Jul 2021 15:58

Tgt Ion: 75 Resp: 17505
Ion Ratio Lower Upper
75 100
77 33.2 25.3 37.9
110 2.5 32.6 48.8#

