

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072221\
 Data File : VW019565.D
 Acq On : 22 Jul 2021 20:20
 Operator : SY/VA
 Sample : M3122-15
 Misc : 4.79g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 23 01:52:18 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)

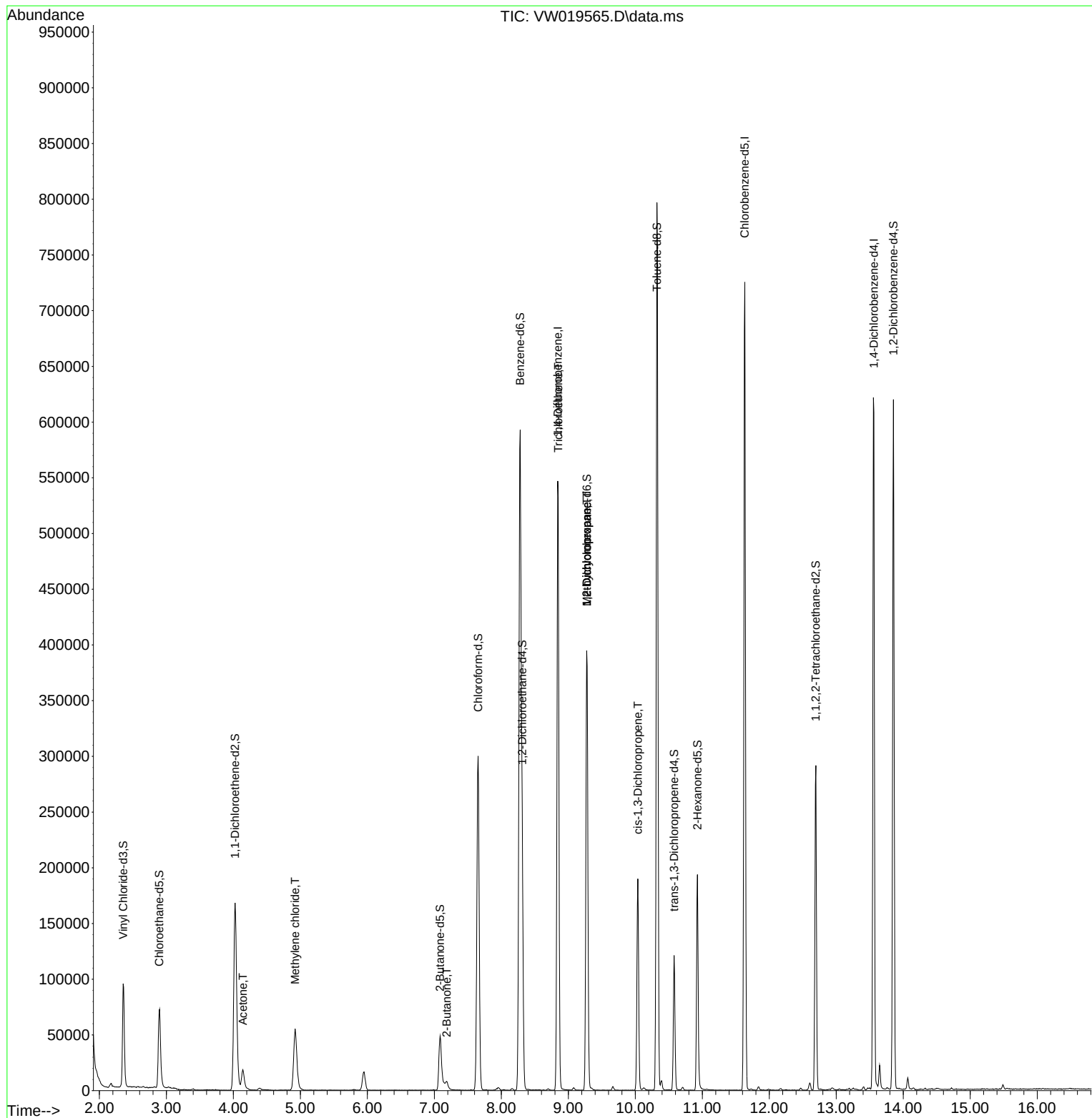
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	454949	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	407837	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	166556	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	103384	16.038	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.160%
7) Chloroethane-d5	2.892	69	96232	20.935	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.720%
11) 1,1-Dichloroethene-d2	4.025	63	187925	15.109	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.440%
21) 2-Butanone-d5	7.086	46	83252	44.498	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.000%
24) Chloroform-d	7.653	84	310464	24.697	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.800%
26) 1,2-Dichloroethane-d4	8.311	65	170040	24.649	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.600%
32) Benzene-d6	8.281	84	611268	25.179	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.720%
36) 1,2-Dichloropropane-d6	9.274	67	197421	26.091	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.360%
41) Toluene-d8	10.323	98	535419	24.462	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.840%
43) trans-1,3-Dichloroprop...	10.579	79	67731	20.902	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.600%
47) 2-Hexanone-d5	10.927	63	65156	46.414	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.820%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	146569	23.972	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.880%
66) 1,2-Dichlorobenzene-d4	13.853	152	154024	26.210	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.840%
Target Compounds						
					Qvalue	
13) Acetone	4.141	43	34425	24.971	ug/L	87
16) Methylene chloride	4.922	84	46787	5.159	ug/L	96
22) 2-Butanone	7.183	43	12677	5.943	ug/L	93
34) Trichloroethene	8.848	95	13384	2.054	ug/L #	5
35) Methylcyclohexane	9.274	83	46973	4.074	ug/L #	20
37) 1,2-Dichloropropane	9.274	63	20992	3.245	ug/L #	86
39) cis-1,3-Dichloropropene	10.037	75	4491	0.454	ug/L #	58

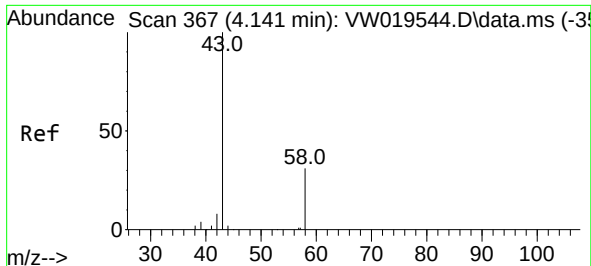
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072221\
Data File : VW019565.D
Acq On : 22 Jul 2021 20:20
Operator : SY/VA
Sample : M3122-15
Misc : 4.79g/10.0mL/MSVOA_W/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Jul 23 01:52:18 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

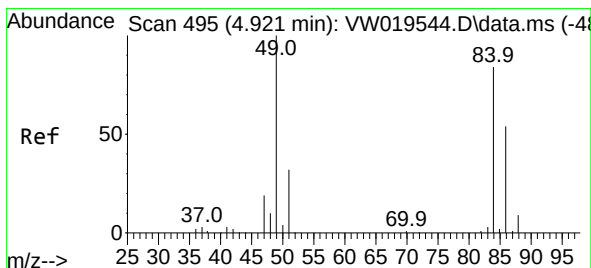
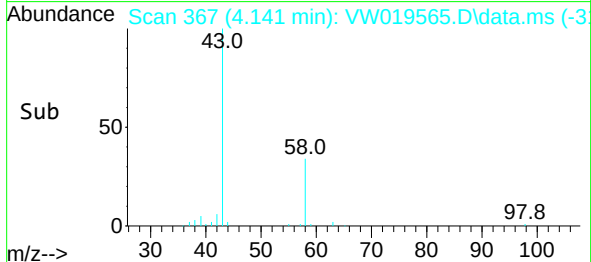
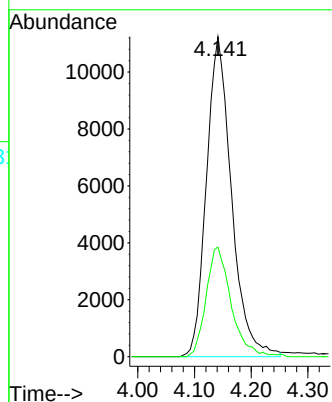
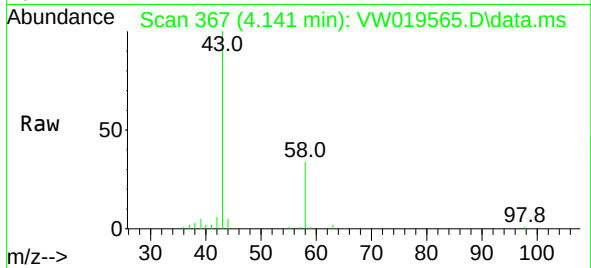




#13
Acetone
Concen: 24.971 ug/L
RT: 4.141 min Scan# 367
Delta R.T. 0.000 min
Lab File: VW019565.D
Acq: 22 Jul 2021 20:20

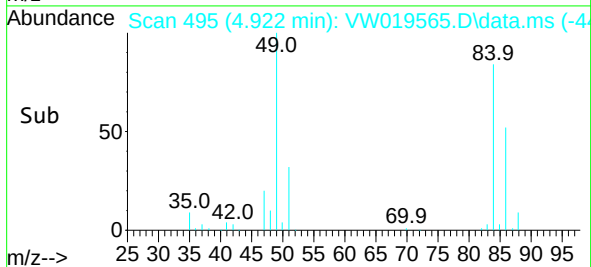
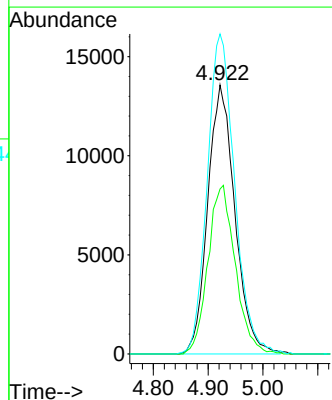
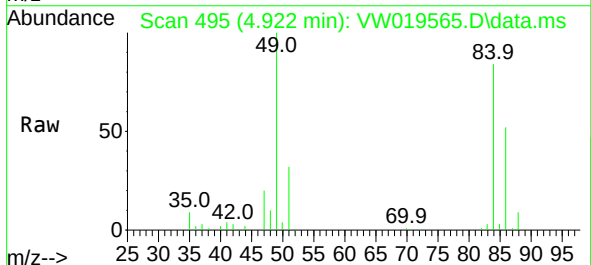
Instrument :
MSVOA_W
ClientSampled :

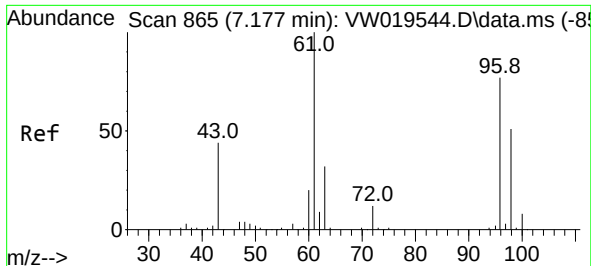
Tgt Ion: 43 Resp: 34425
Ion Ratio Lower Upper
43 100
58 33.6 0.0 53.8



#16
Methylene chloride
Concen: 5.159 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW019565.D
Acq: 22 Jul 2021 20:20

Tgt Ion: 84 Resp: 46787
Ion Ratio Lower Upper
84 100
86 61.3 45.3 84.1
49 119.0 86.6 160.8

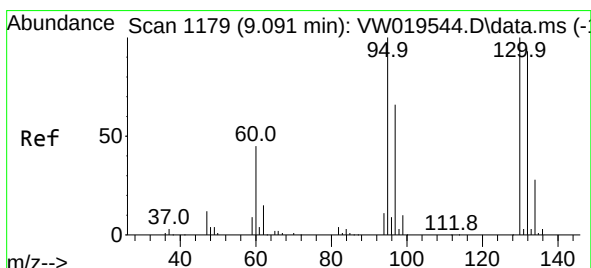
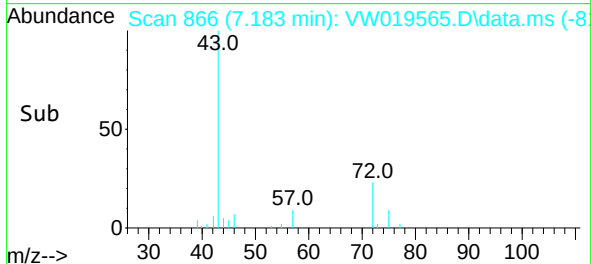
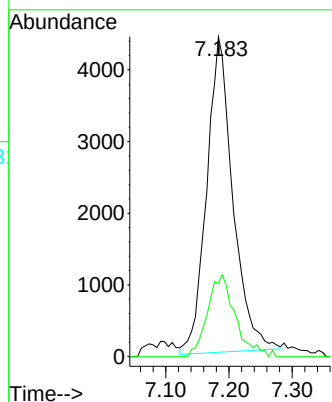
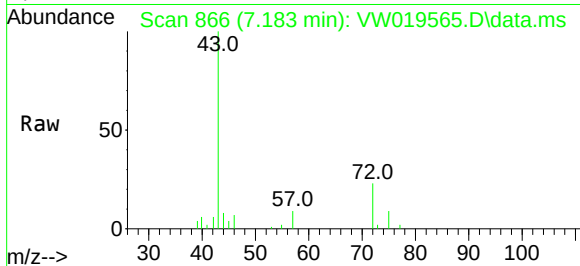




#22
2-Butanone
Concen: 5.943 ug/L
RT: 7.183 min Scan# 866
Delta R.T. 0.006 min
Lab File: VW019565.D
Acq: 22 Jul 2021 20:20

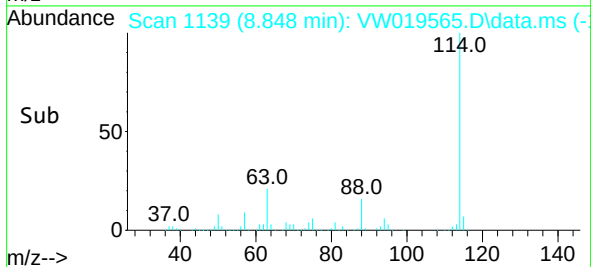
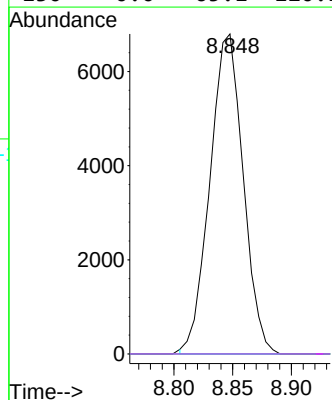
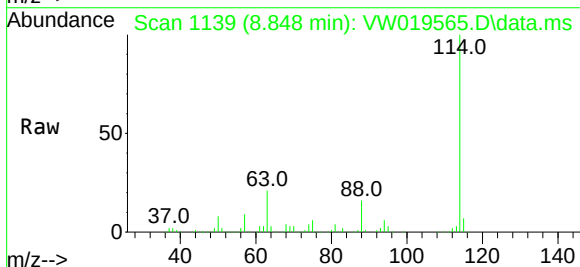
Instrument :
MSVOA_W
ClientSampled :

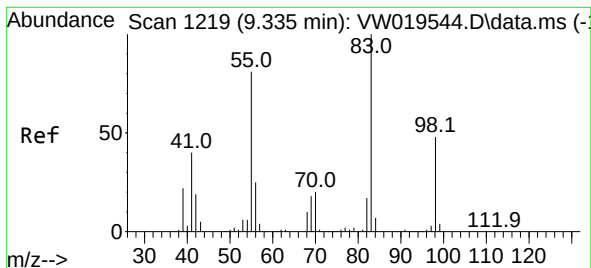
Tgt Ion: 43 Resp: 12677
Ion Ratio Lower Upper
43 100
72 26.3 14.9 44.7



#34
Trichloroethene
Concen: 2.054 ug/L
RT: 8.848 min Scan# 1139
Delta R.T. -0.243 min
Lab File: VW019565.D
Acq: 22 Jul 2021 20:20

Tgt Ion: 95 Resp: 13384
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#

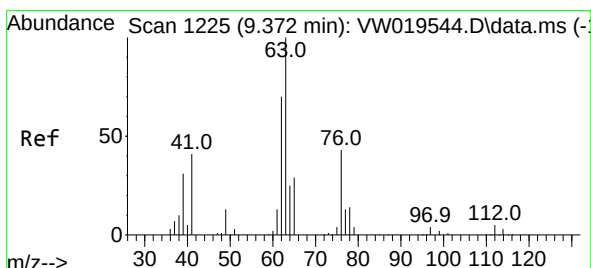
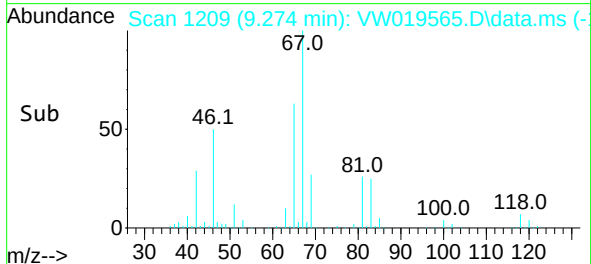
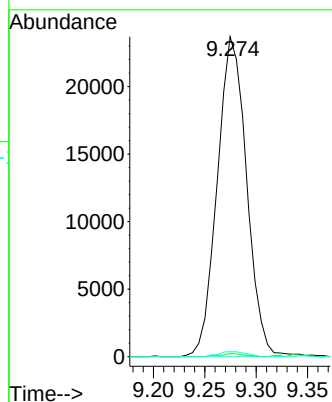
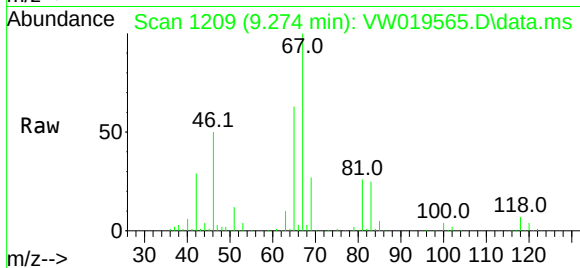




#35
Methylcyclohexane
Concen: 4.074 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW019565.D
Acq: 22 Jul 2021 20:20

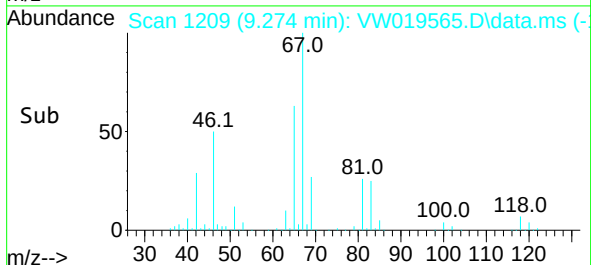
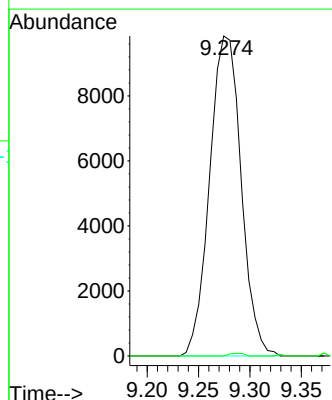
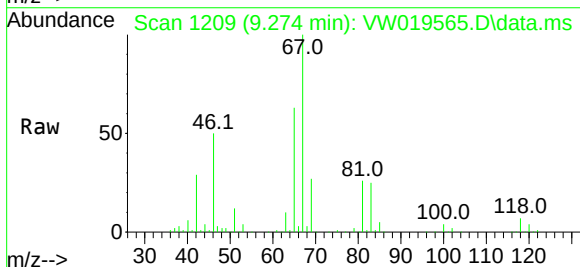
Instrument :
MSVOA_W
ClientSampled :

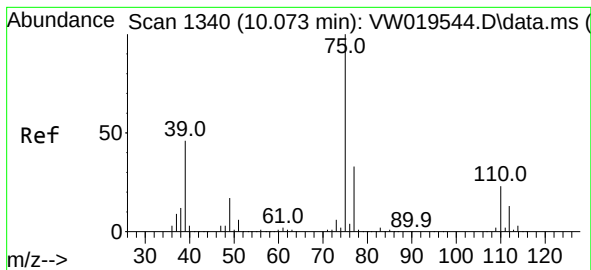
Tgt Ion: 83 Resp: 46973
Ion Ratio Lower Upper
83 100
55 0.6 58.9 88.3#
98 1.5 40.1 60.1#



#37
1,2-Dichloropropane
Concen: 3.245 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.097 min
Lab File: VW019565.D
Acq: 22 Jul 2021 20:20

Tgt Ion: 63 Resp: 20992
Ion Ratio Lower Upper
63 100
112 0.4 3.9 5.9#





#39
 cis-1,3-Dichloropropene
 Concen: 0.454 ug/L
 RT: 10.037 min Scan# 1334
 Delta R.T. -0.036 min
 Lab File: VW019565.D
 Acq: 22 Jul 2021 20:20

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion: 75 Resp: 4491
 Ion Ratio Lower Upper
 75 100
 77 55.9 22.6 42.0#

