

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071221\
 Data File : VW019457.D
 Acq On : 13 Jul 2021 02:35
 Operator : SY/VA
 Sample : M2978-08
 Misc : 5.24G/10ML/MSVOA_W/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 13 04:40:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jul 13 04:35:18 2021
 Response via : Initial Calibration

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

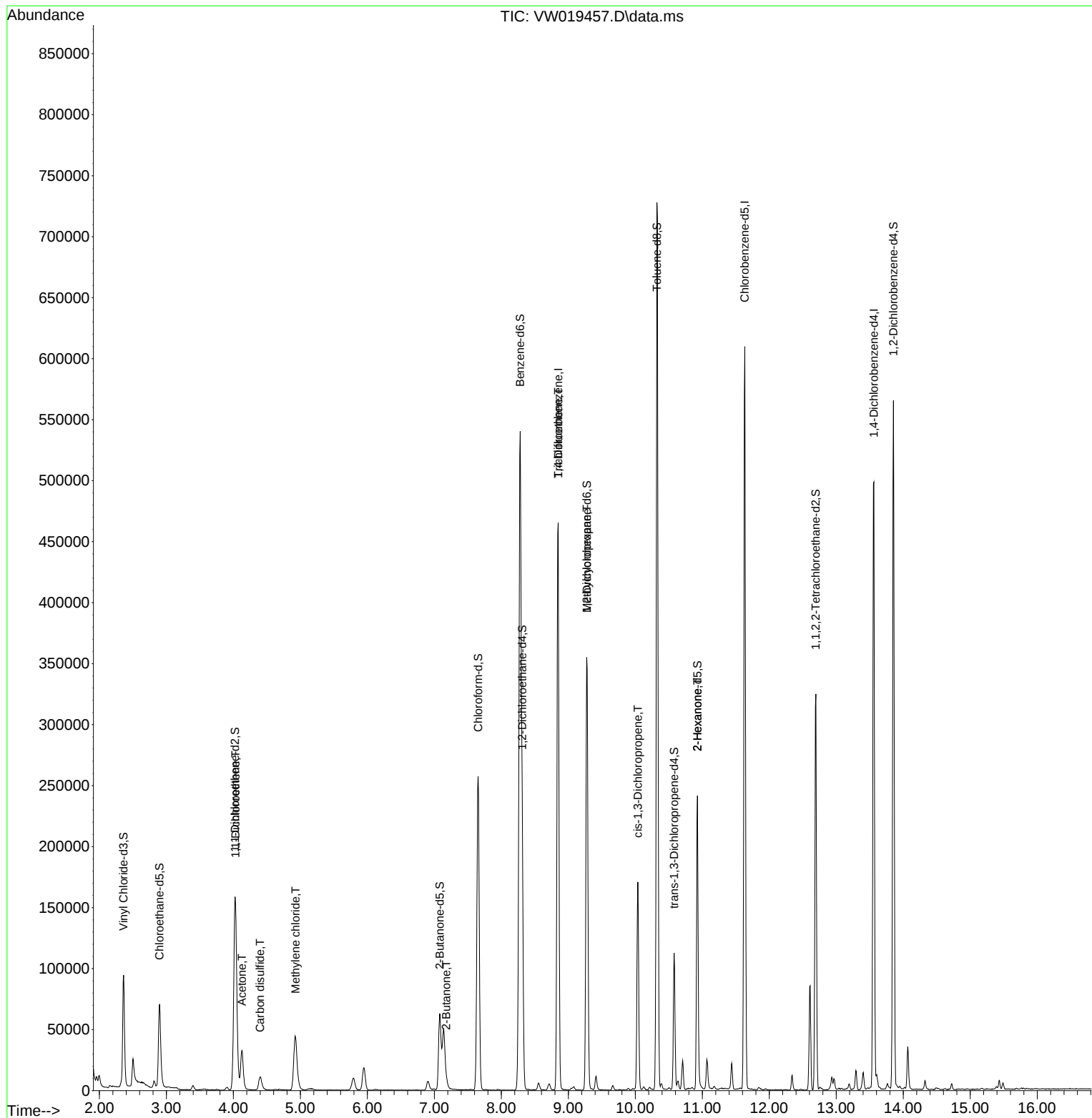
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	392822	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	335511	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	136039	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	106609	19.154	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.600%
7) Chloroethane-d5	2.898	69	92249	23.242	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.960%
11) 1,1-Dichloroethene-d2	4.025	63	178312	16.604	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.400%
21) 2-Butanone-d5	7.080	46	107561	66.584	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	133.160%
24) Chloroform-d	7.653	84	271250	24.991	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.960%
26) 1,2-Dichloroethane-d4	8.311	65	162879	27.345	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.400%
32) Benzene-d6	8.281	84	549071	27.492	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.960%
36) 1,2-Dichloropropane-d6	9.275	67	176128	28.295	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	113.160%
41) Toluene-d8	10.323	98	474116	26.330	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.320%
43) trans-1,3-Dichloroprop...	10.579	79	63571	23.847	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.400%
47) 2-Hexanone-d5	10.927	63	81953	70.964	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	141.920%#
56) 1,1,2,2-Tetrachloroeth...	12.695	84	168046	33.410	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	133.640%#
66) 1,2-Dichlorobenzene-d4	13.853	152	144731	30.153	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	120.600%#
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.032	96	1454	0.284	ug/L #	1
13) Acetone	4.129	43	56107	47.136	ug/L	89
14) Carbon disulfide	4.397	76	10832	0.660	ug/L	97
16) Methylene chloride	4.928	84	39061	4.988	ug/L	96
22) 2-Butanone	7.177	43	12857	6.981	ug/L	89
34) Trichloroethene	8.848	95	11826	2.206	ug/L #	5
35) Methylcyclohexane	9.275	83	42500	4.481	ug/L #	20
39) cis-1,3-Dichloropropene	10.037	75	3899	0.479	ug/L #	82
48) 2-Hexanone	10.927	43	9234	4.036	ug/L #	67

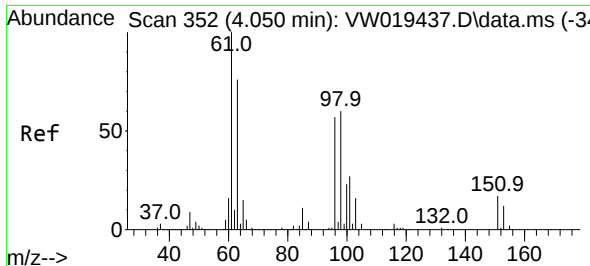
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Tue Jul 13 04:35:18 2021
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.284 ug/L

RT: 4.032 min Scan# 349

Delta R.T. -0.018 min

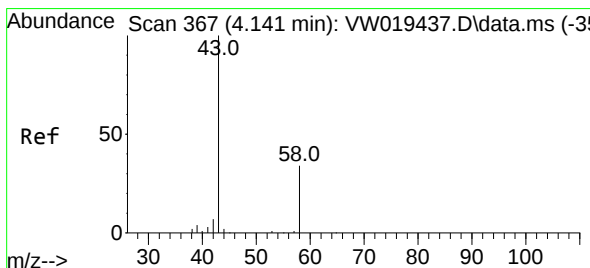
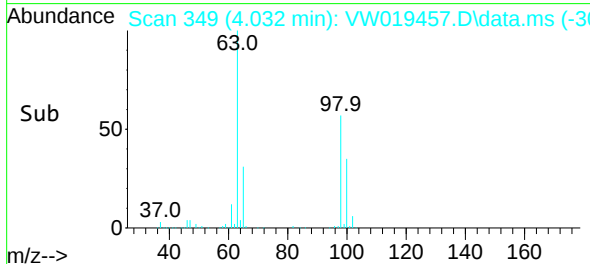
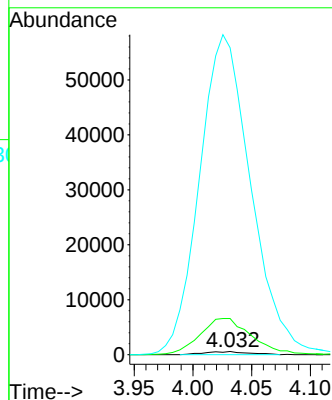
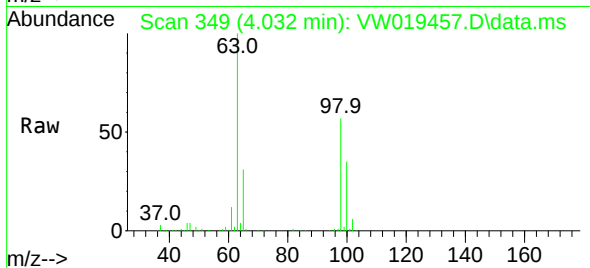
Lab File: VW019457.D

Acq: 13 Jul 2021 02:35

Tgt Ion: 96 Resp: 1454

Ion	Ratio	Lower	Upper
96	100		
61	1147.0	118.1	219.3#
63	9729.6	83.7	155.5#

Instrument :
MSVOA_W
ClientSampled :



#13

Acetone

Concen: 47.136 ug/L

RT: 4.129 min Scan# 365

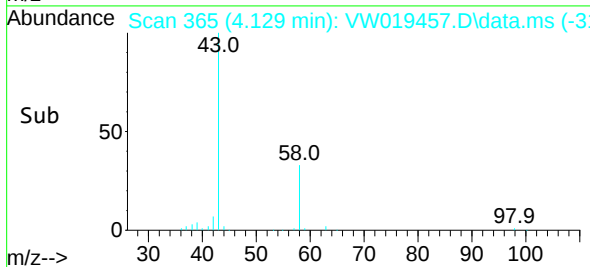
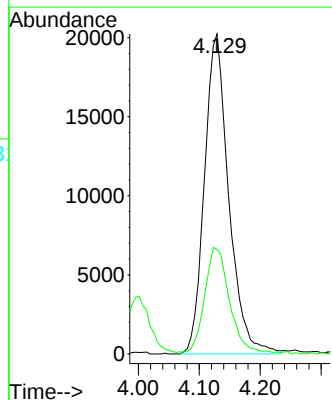
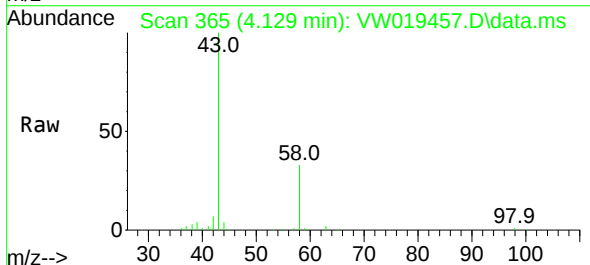
Delta R.T. -0.012 min

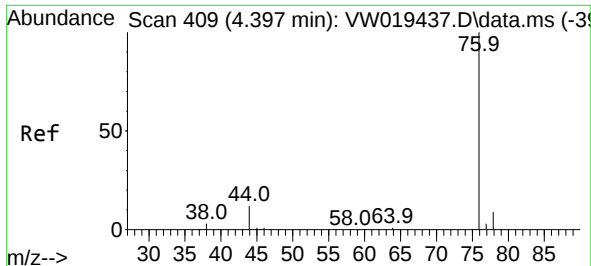
Lab File: VW019457.D

Acq: 13 Jul 2021 02:35

Tgt Ion: 43 Resp: 56107

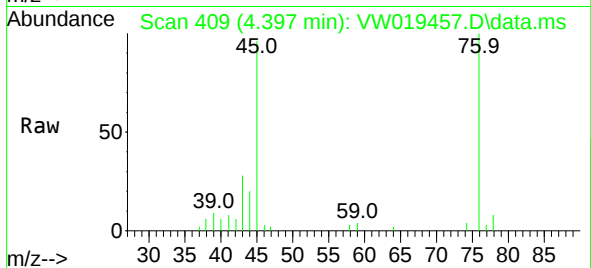
Ion	Ratio	Lower	Upper
43	100		
58	32.5	0.0	53.8



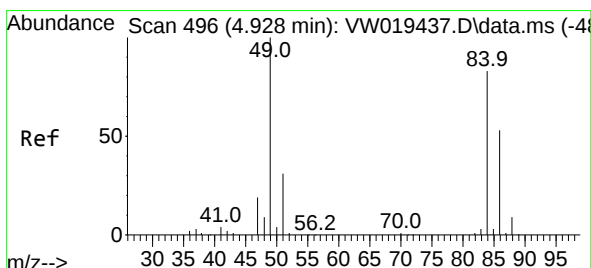
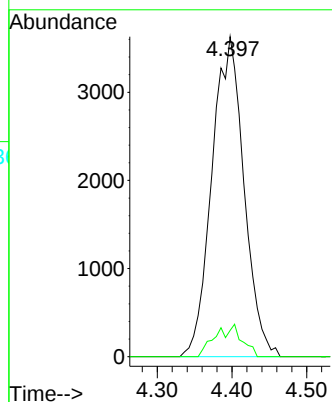
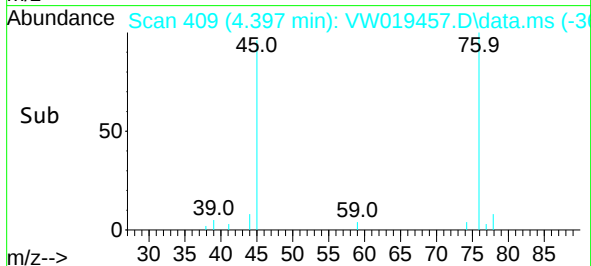


#14
Carbon disulfide
Concen: 0.660 ug/L
RT: 4.397 min Scan# 409
Delta R.T. 0.000 min
Lab File: VW019457.D
Acq: 13 Jul 2021 02:35

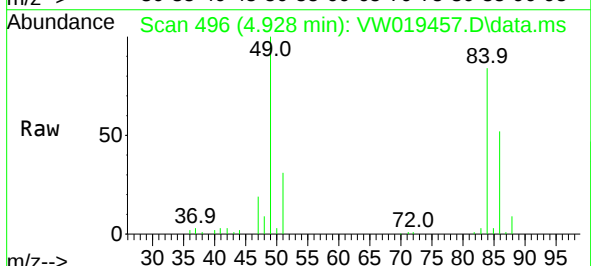
Instrument :
MSVOA_W
ClientSampled :



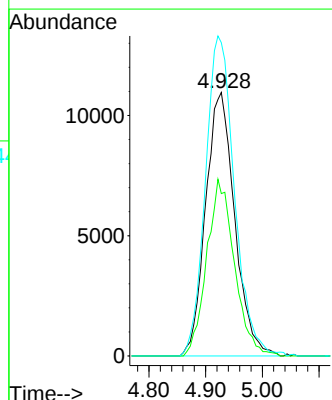
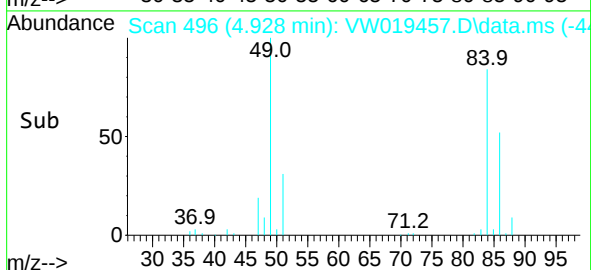
Tgt Ion: 76 Resp: 10832
Ion Ratio Lower Upper
76 100
78 8.2 7.4 11.0

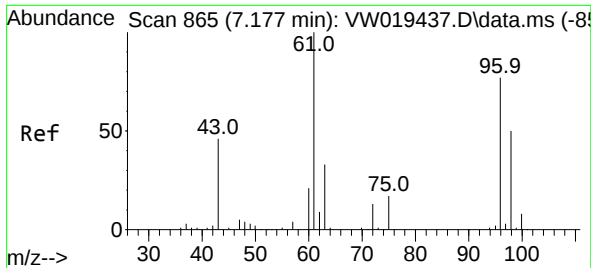


#16
Methylene chloride
Concen: 4.988 ug/L
RT: 4.928 min Scan# 496
Delta R.T. 0.000 min
Lab File: VW019457.D
Acq: 13 Jul 2021 02:35



Tgt Ion: 84 Resp: 39061
Ion Ratio Lower Upper
84 100
86 61.6 45.3 84.1
49 118.9 86.6 160.8

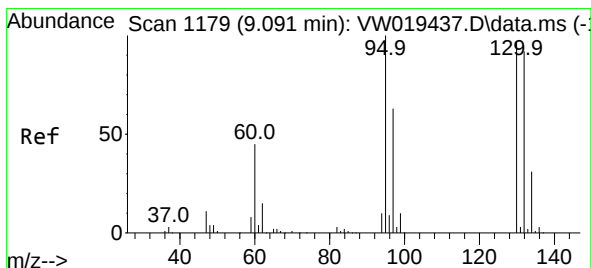
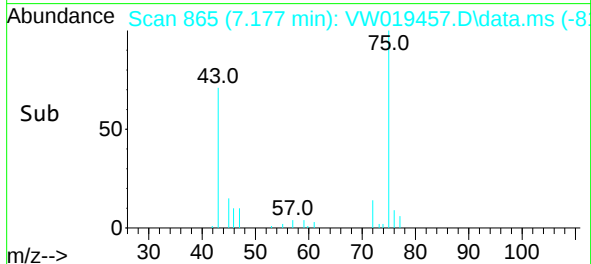
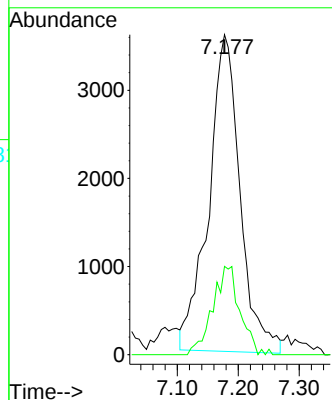
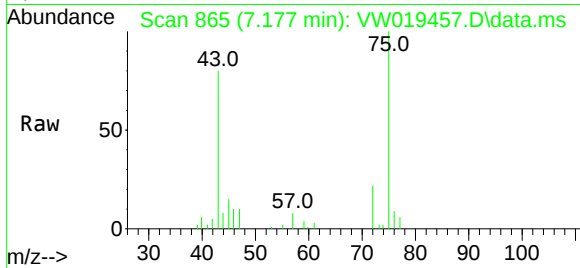




#22
2-Butanone
Concen: 6.981 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.000 min
Lab File: VW019457.D
Acq: 13 Jul 2021 02:35

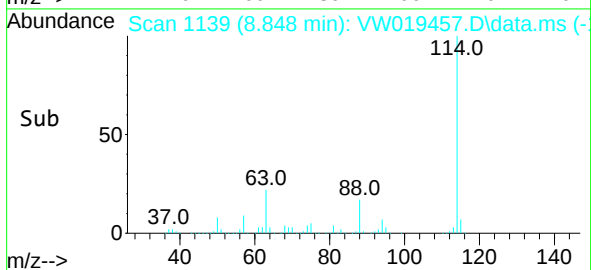
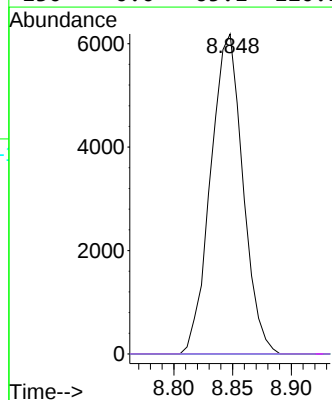
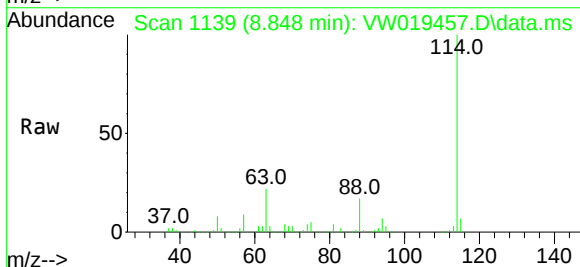
Instrument :
MSVOA_W
ClientSampled :

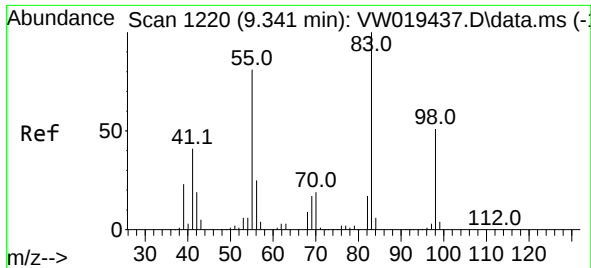
Tgt Ion: 43 Resp: 12857
Ion Ratio Lower Upper
43 100
72 24.0 14.9 44.7



#34
Trichloroethene
Concen: 2.206 ug/L
RT: 8.848 min Scan# 1139
Delta R.T. -0.244 min
Lab File: VW019457.D
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Tgt Ion: 95 Resp: 11826
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#

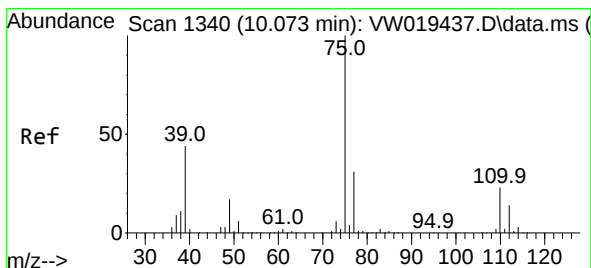
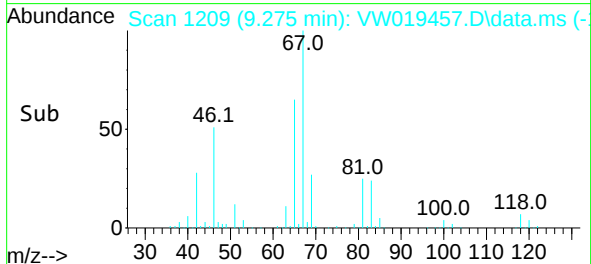
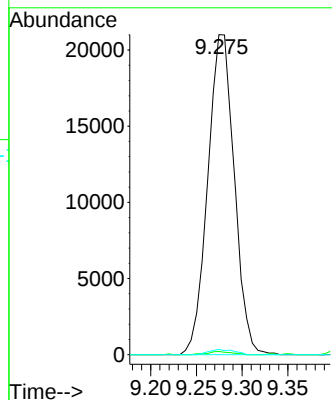
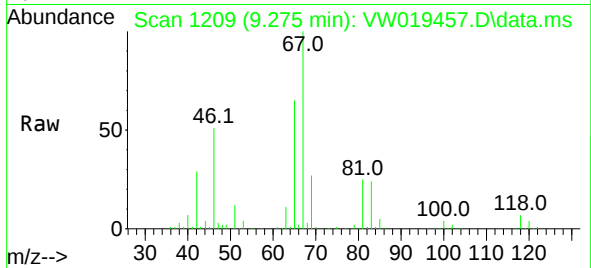




#35
Methylcyclohexane
Concen: 4.481 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.067 min
Lab File: VW019457.D
Acq: 13 Jul 2021 02:35

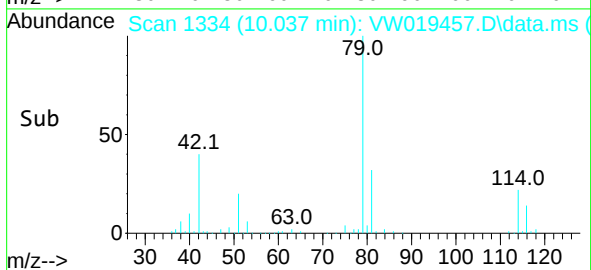
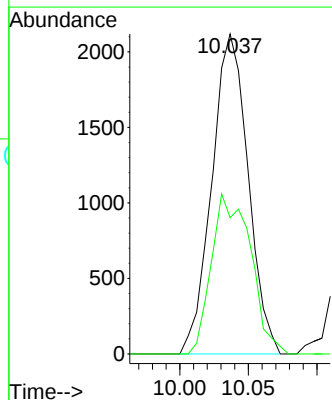
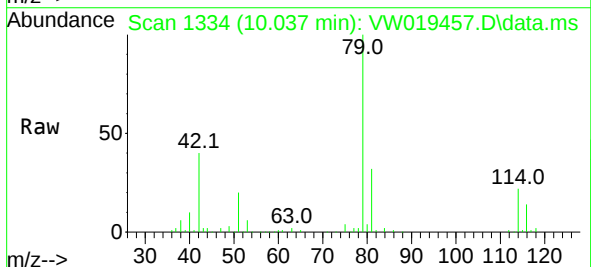
Instrument :
MSVOA_W
ClientSampleId :

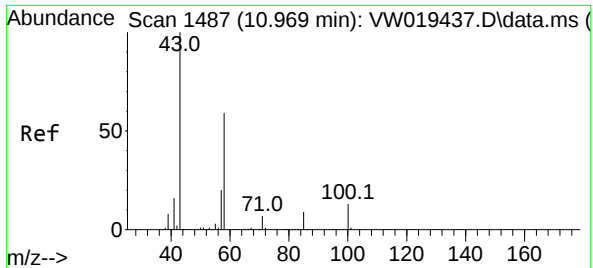
Tgt Ion: 83 Resp: 42500
Ion Ratio Lower Upper
83 100
55 0.8 58.9 88.3#
98 1.6 40.1 60.1#



#39
cis-1,3-Dichloropropene
Concen: 0.479 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.036 min
Lab File: VW019457.D
Acq: 13 Jul 2021 02:35

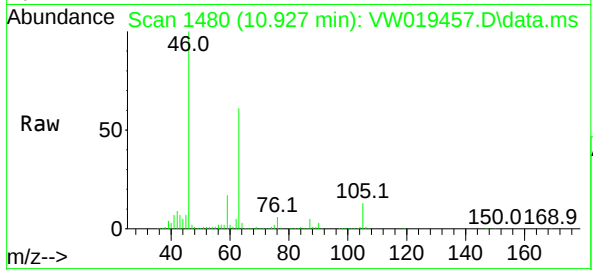
Tgt Ion: 75 Resp: 3899
Ion Ratio Lower Upper
75 100
77 42.6 22.6 42.0#





#48
 2-Hexanone
 Concen: 4.036 ug/L
 RT: 10.927 min Scan# 1480
 Delta R.T. -0.043 min
 Lab File: VW019457.D
 Acq: 13 Jul 2021 02:35

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 43	Resp: 9234
Ion Ratio	Lower Upper
43	100
58	27.0 42.7 64.1#
57	31.9 15.8 23.8#
100	1.6 10.0 15.0#

