

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071221\
 Data File : VW019453.D
 Acq On : 13 Jul 2021 01:00
 Operator : SY/VA
 Sample : M2978-02
 Misc : 4.82G/10ML/MSVOA_W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 13 04:40:00 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)

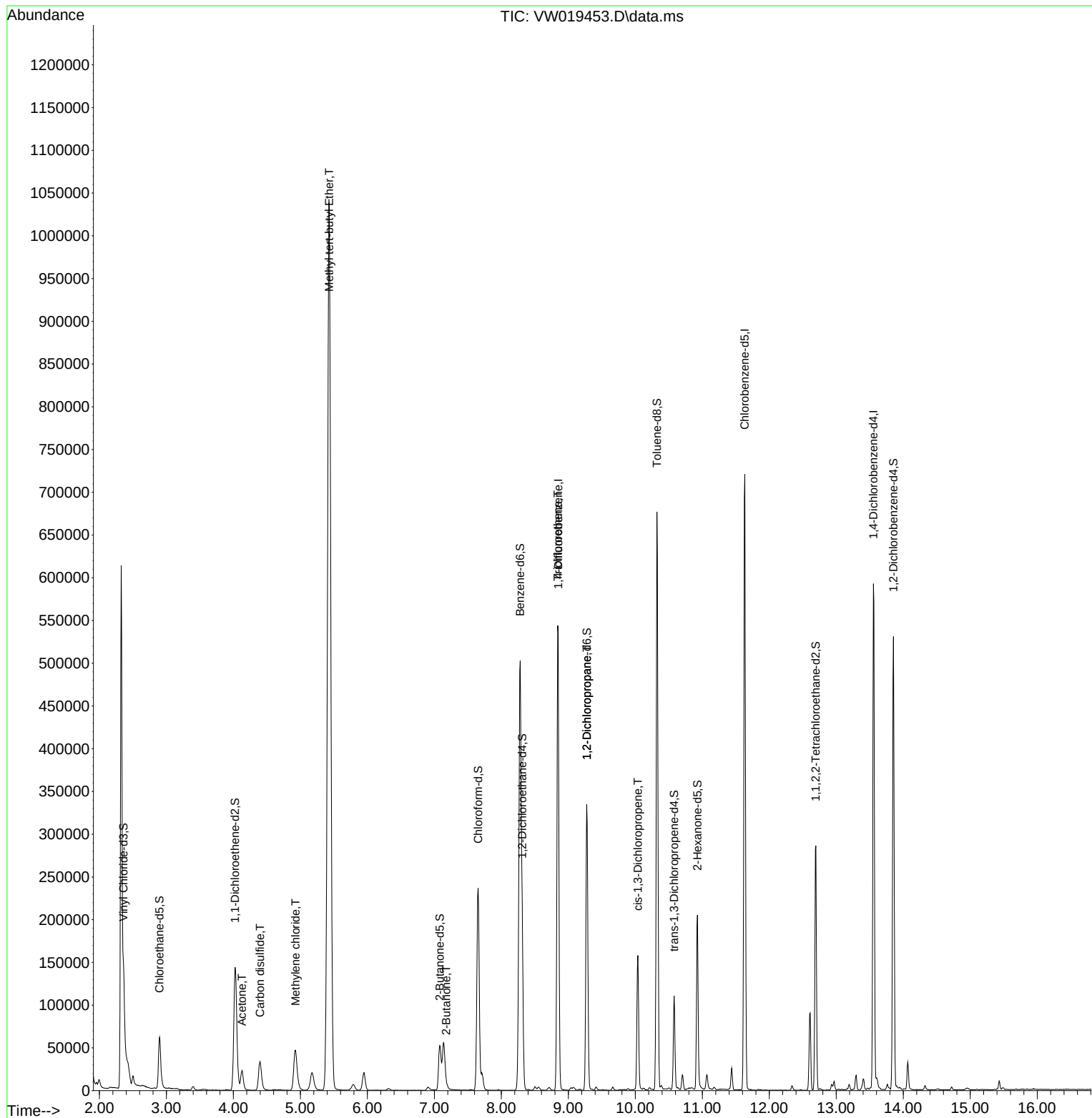
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	452209	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	405300	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	157486	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	98739	15.411	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.640%
7) Chloroethane-d5	2.898	69	84115	18.410	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.640%
11) 1,1-Dichloroethene-d2	4.025	63	164029	13.268	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.080%
21) 2-Butanone-d5	7.080	46	92122	49.537	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.080%
24) Chloroform-d	7.653	84	248477	19.886	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.560%
26) 1,2-Dichloroethane-d4	8.311	65	148892	21.714	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.840%
32) Benzene-d6	8.281	84	508524	21.078	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.320%
36) 1,2-Dichloropropane-d6	9.275	67	164914	21.931	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.720%
41) Toluene-d8	10.323	98	438716	20.169	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.680%
43) trans-1,3-Dichloroprop...	10.579	79	60611	18.822	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	75.280%
47) 2-Hexanone-d5	10.927	63	70537	50.561	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.120%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	148636	24.462	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.840%
66) 1,2-Dichlorobenzene-d4	13.853	152	139451	25.097	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.400%
Target Compounds					Qvalue	
13) Acetone	4.129	43	39793	29.040	ug/L	87
14) Carbon disulfide	4.397	76	59596	3.152	ug/L	100
16) Methylene chloride	4.928	84	42238	4.685	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	1742741	196.479	ug/L	95
22) 2-Butanone	7.177	43	9084	4.284	ug/L	88
34) Trichloroethene	8.842	95	13704	2.117	ug/L #	5
37) 1,2-Dichloropropane	9.275	63	17472	2.718	ug/L #	86
39) cis-1,3-Dichloropropene	10.037	75	3812	0.388	ug/L #	68

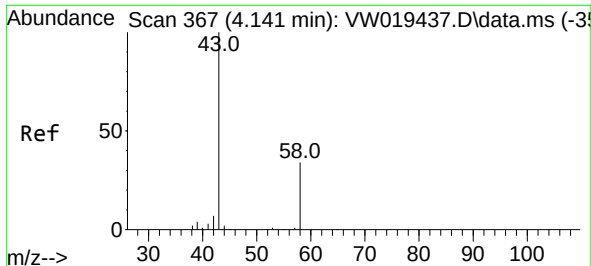
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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Response via : Initial Calibration

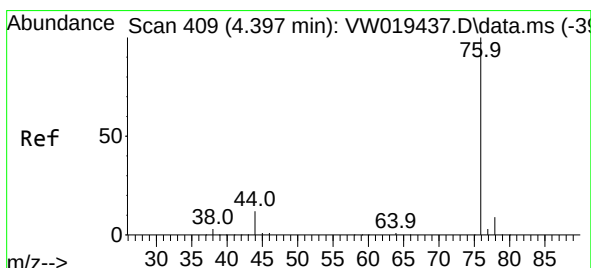
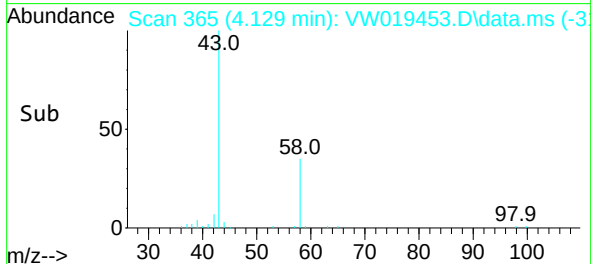
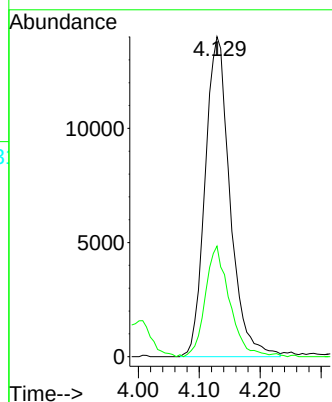
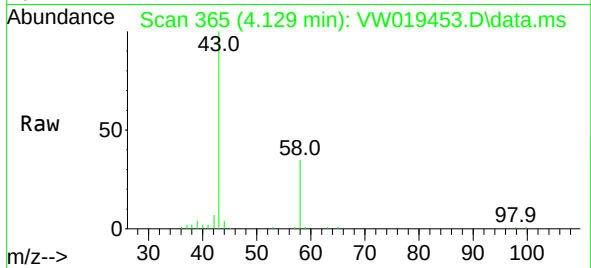




#13
Acetone
Concen: 29.040 ug/L
RT: 4.129 min Scan# 365
Delta R.T. -0.012 min
Lab File: VW019453.D
Acq: 13 Jul 2021 01:00

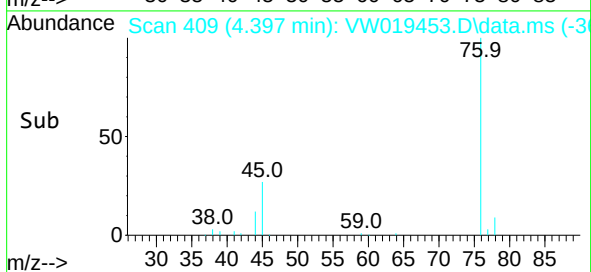
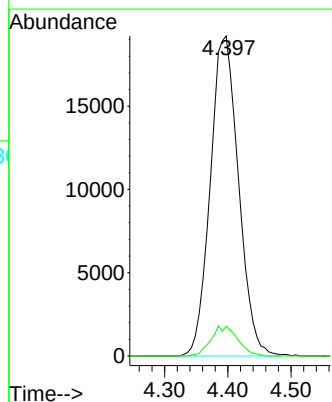
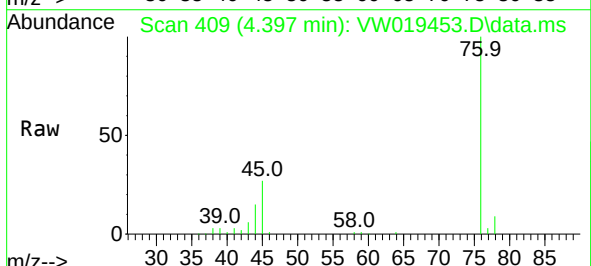
Instrument :
MSVOA_W
ClientSampled :

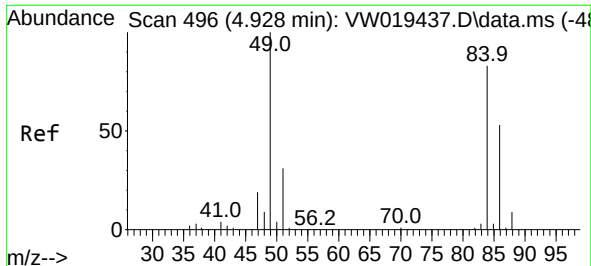
Tgt Ion: 43 Resp: 39793
Ion Ratio Lower Upper
43 100
58 33.5 0.0 53.8



#14
Carbon disulfide
Concen: 3.152 ug/L
RT: 4.397 min Scan# 409
Delta R.T. 0.000 min
Lab File: VW019453.D
Acq: 13 Jul 2021 01:00

Tgt Ion: 76 Resp: 59596
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0

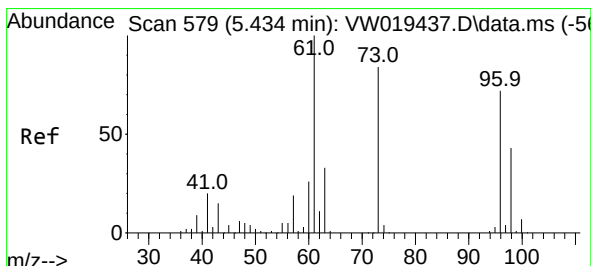
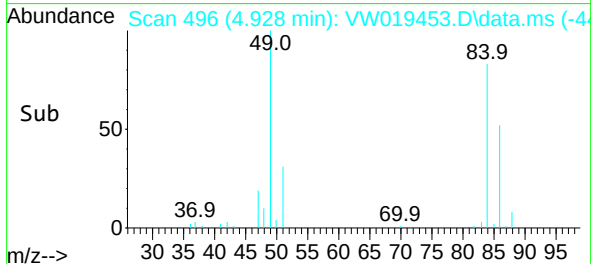
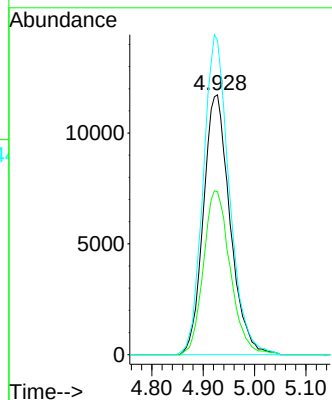
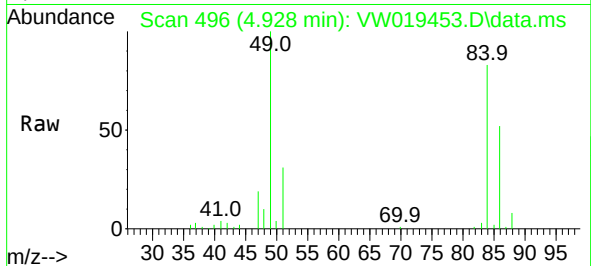




#16
Methylene chloride
Concen: 4.685 ug/L
RT: 4.928 min Scan# 496
Delta R.T. 0.000 min
Lab File: VW019453.D
Acq: 13 Jul 2021 01:00

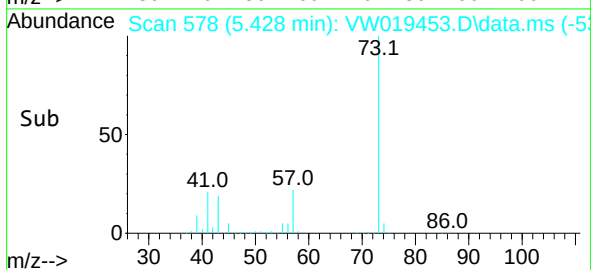
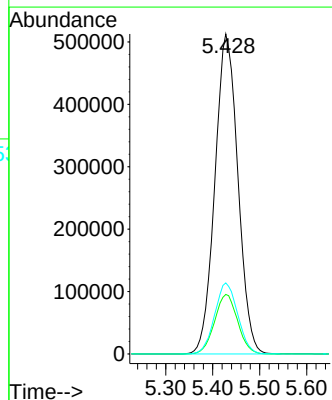
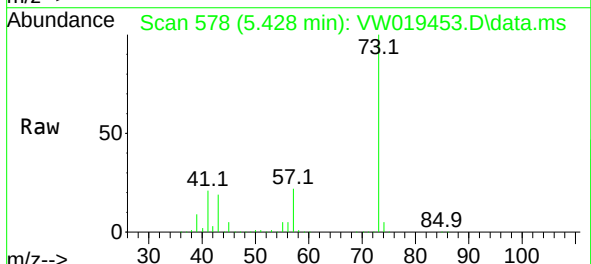
Instrument :
MSVOA_W
ClientSampled :

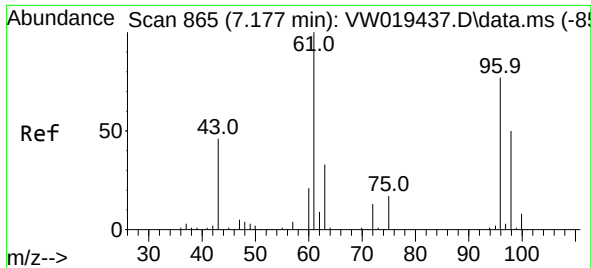
Tgt Ion: 84 Resp: 42238
Ion Ratio Lower Upper
84 100
86 62.8 45.3 84.1
49 120.9 86.6 160.8



#18
Methyl tert-butyl Ether
Concen: 196.479 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.006 min
Lab File: VW019453.D
Acq: 13 Jul 2021 01:00

Tgt Ion: 73 Resp: 1742741
Ion Ratio Lower Upper
73 100
43 18.7 17.7 26.5
57 22.3 17.0 25.4

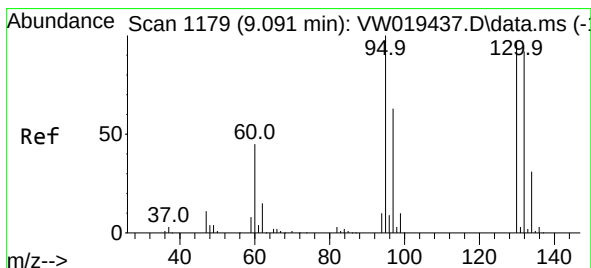
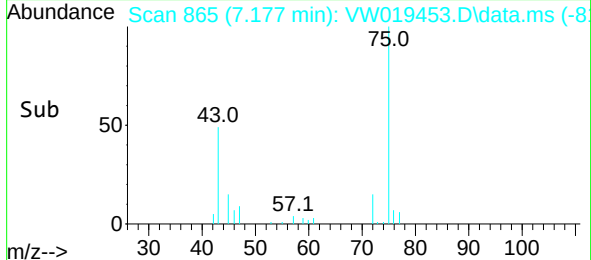
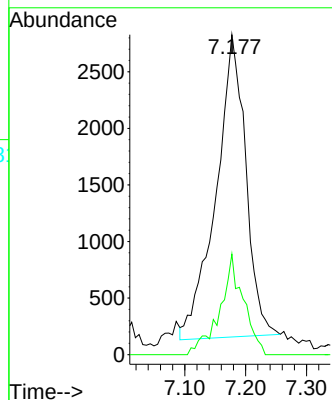
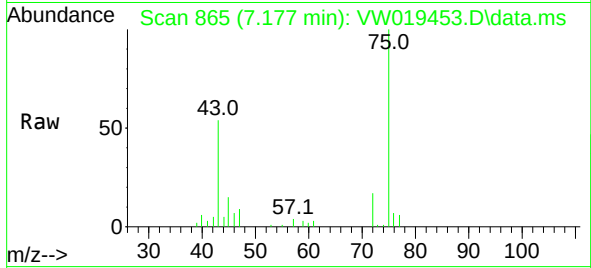




#22
2-Butanone
Concen: 4.284 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.000 min
Lab File: VW019453.D
Acq: 13 Jul 2021 01:00

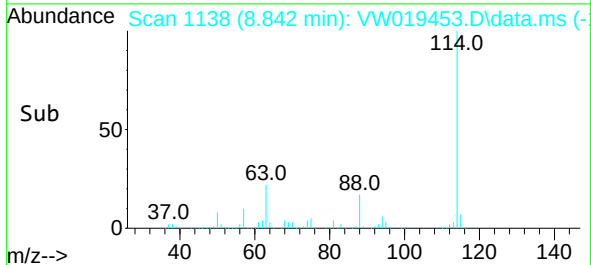
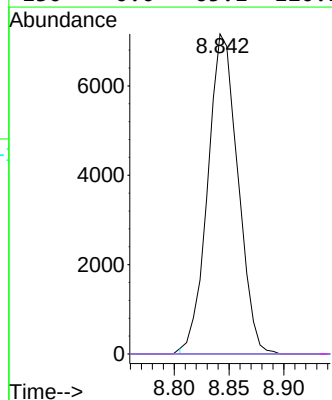
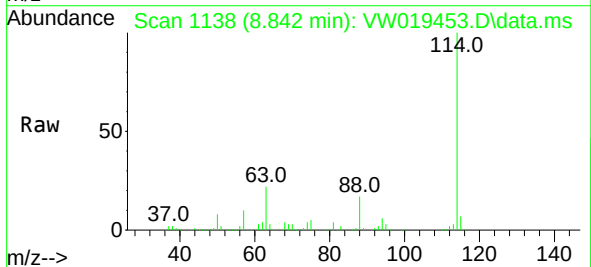
Instrument :
MSVOA_W
ClientSampled :

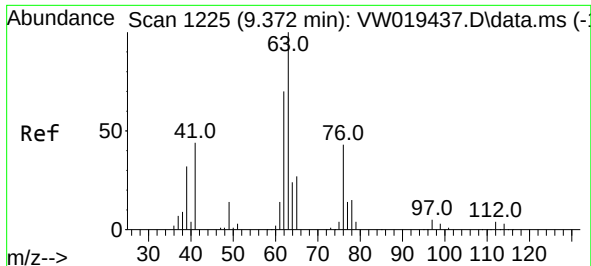
Tgt Ion: 43 Resp: 9084
Ion Ratio Lower Upper
43 100
72 23.5 14.9 44.7



#34
Trichloroethene
Concen: 2.117 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW019453.D
Acq: 13 Jul 2021 01:00

Tgt Ion: 95 Resp: 13704
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#

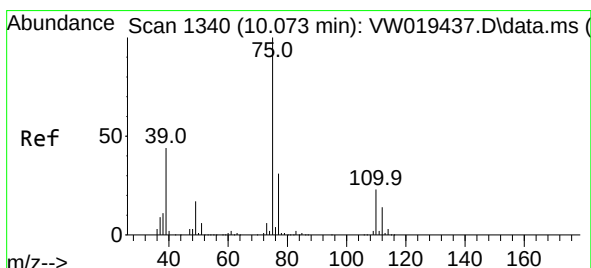
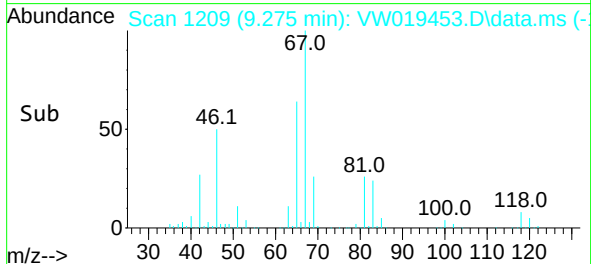
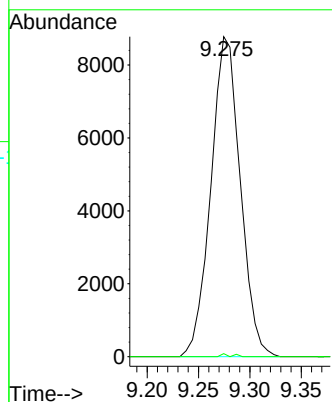
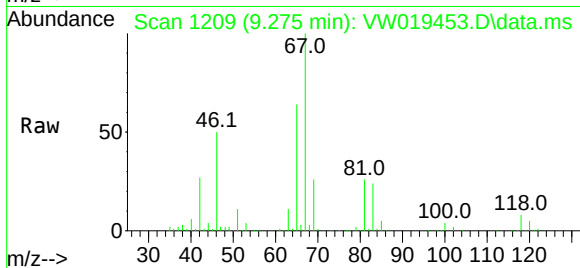




#37
1,2-Dichloropropane
Concen: 2.718 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.097 min
Lab File: VW019453.D
Acq: 13 Jul 2021 01:00

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 63 Resp: 17472
Ion Ratio Lower Upper
63 100
112 0.2 3.9 5.9#



#39
cis-1,3-Dichloropropene
Concen: 0.388 ug/L
RT: 10.037 min Scan# 1334
Delta R.T. -0.036 min
Lab File: VW019453.D
Acq: 13 Jul 2021 01:00

Tgt Ion: 75 Resp: 3812
Ion Ratio Lower Upper
75 100
77 50.5 22.6 42.0#

