

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071221\
 Data File : VW019452.D
 Acq On : 13 Jul 2021 00:36
 Operator : SY/VA
 Sample : M2978-01
 Misc : 5.87G/10ML/MSVOA_W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 13 04:39:49 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)

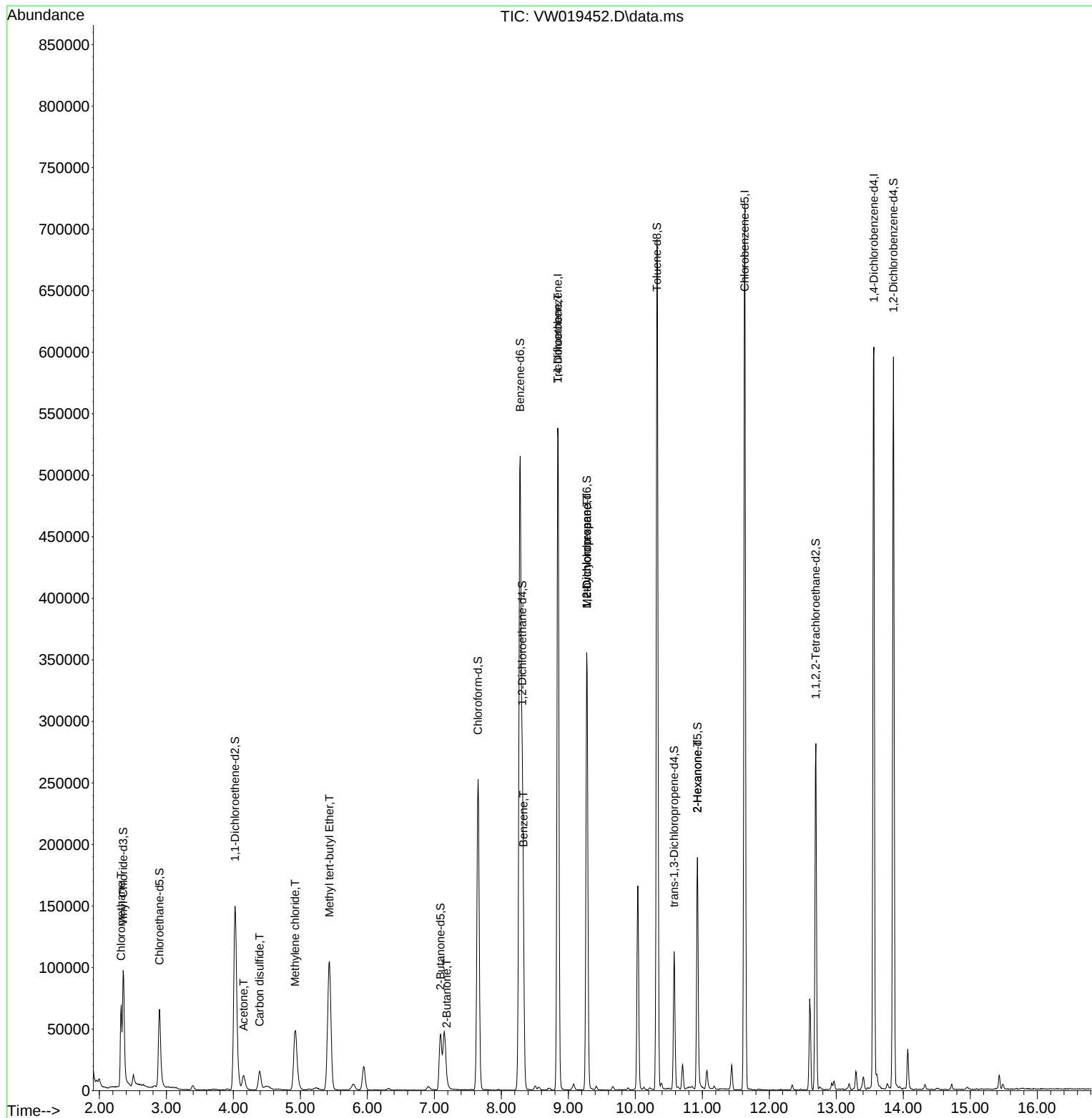
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	452849	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	403200	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	164153	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	103246	16.091	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.360%
7) Chloroethane-d5	2.898	69	85077	18.594	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.360%
11) 1,1-Dichloroethene-d2	4.025	63	172939	13.969	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.880%
21) 2-Butanone-d5	7.092	46	83537	44.857	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.720%
24) Chloroform-d	7.653	84	260442	20.814	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.240%
26) 1,2-Dichloroethane-d4	8.311	65	151939	22.127	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.520%
32) Benzene-d6	8.281	84	529474	22.060	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.240%
36) 1,2-Dichloropropane-d6	9.275	67	171063	22.867	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.480%
41) Toluene-d8	10.323	98	471765	21.801	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.200%
43) trans-1,3-Dichloroprop...	10.579	79	63057	19.683	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.720%
47) 2-Hexanone-d5	10.927	63	65486	47.185	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.380%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	144170	23.851	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.400%
66) 1,2-Dichlorobenzene-d4	13.853	152	151303	26.124	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	104.480%
Target Compounds						Qvalue
3) Chloromethane	2.325	50	3300	0.596	ug/L	87
13) Acetone	4.154	43	24655	17.967	ug/L	87
14) Carbon disulfide	4.391	76	35127	1.855	ug/L	98
16) Methylene chloride	4.922	84	44948	4.979	ug/L	97
18) Methyl tert-butyl Ether	5.434	73	171356	19.292	ug/L	95
22) 2-Butanone	7.183	43	5222	2.459	ug/L	83
33) Benzene	8.330	78	96635	3.829	ug/L	100
34) Trichloroethene	8.842	95	13422	2.084	ug/L #	5
35) Methylcyclohexane	9.275	83	41059	3.602	ug/L #	19
37) 1,2-Dichloropropane	9.275	63	18395	2.876	ug/L #	86
48) 2-Hexanone	10.927	43	7153	2.602	ug/L #	69

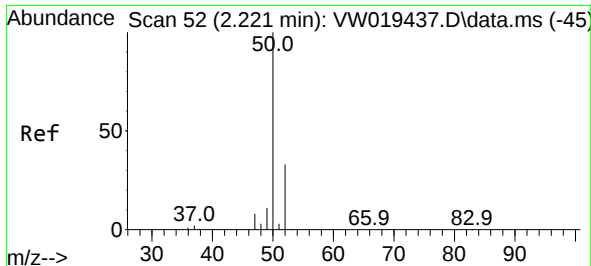
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.87G/10ML/MSVOA_W/SOIL
ALS Vial : 36 Sample Multiplier: 1

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Quant Time: Jul 13 04:39:49 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

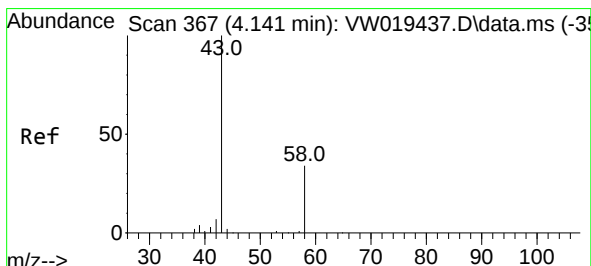
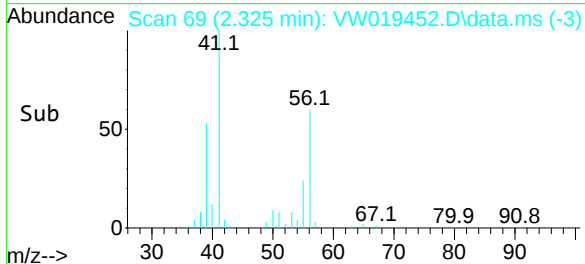
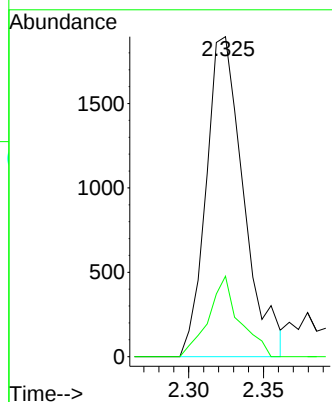
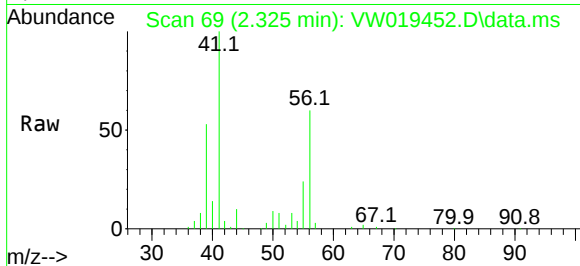




#3
Chloromethane
Concen: 0.596 ug/L
RT: 2.325 min Scan# 69
Delta R.T. 0.104 min
Lab File: VW019452.D
Acq: 13 Jul 2021 00:36

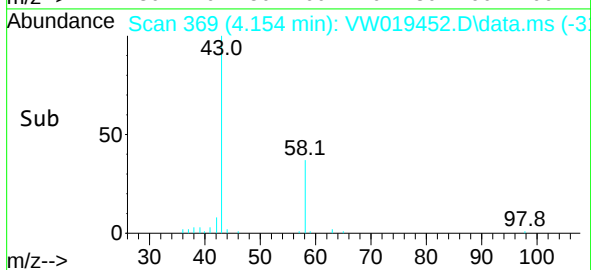
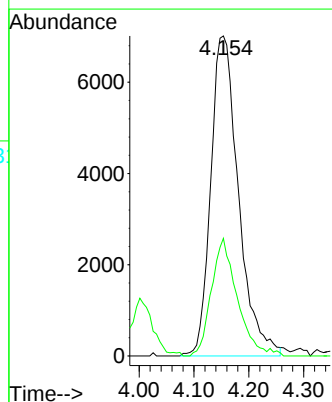
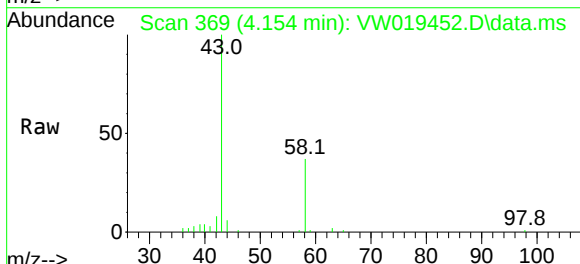
Instrument :
MSVOA_W
ClientSampleId :

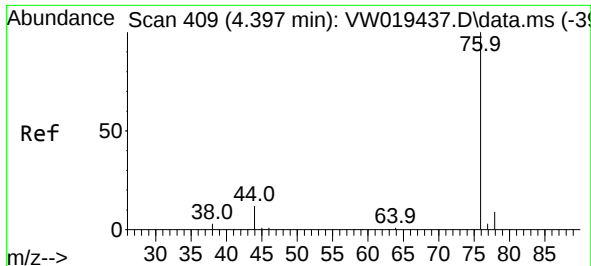
Tgt Ion: 50 Resp: 3300
Ion Ratio Lower Upper
50 100
52 25.2 22.5 41.9



#13
Acetone
Concen: 17.967 ug/L
RT: 4.154 min Scan# 369
Delta R.T. 0.012 min
Lab File: VW019452.D
Acq: 13 Jul 2021 00:36

Tgt Ion: 43 Resp: 24655
Ion Ratio Lower Upper
43 100
58 33.7 0.0 53.8

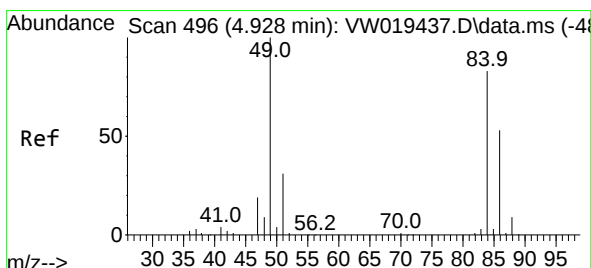
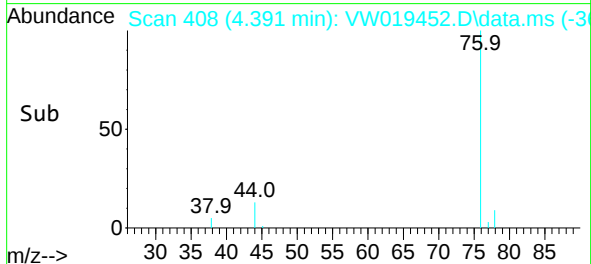
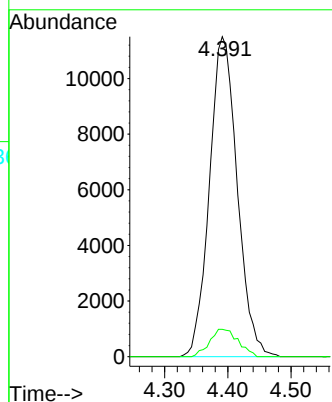
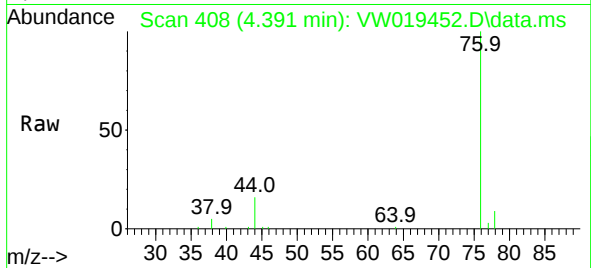




#14
Carbon disulfide
Concen: 1.855 ug/L
RT: 4.391 min Scan# 408
Delta R.T. -0.006 min
Lab File: VW019452.D
Acq: 13 Jul 2021 00:36

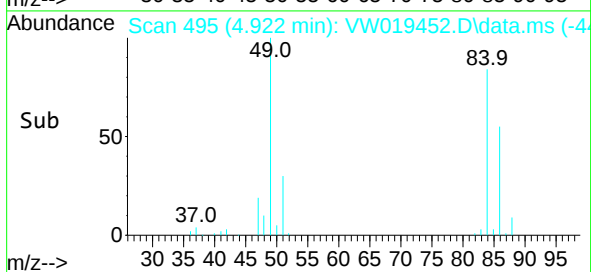
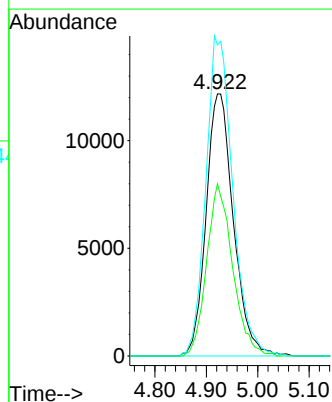
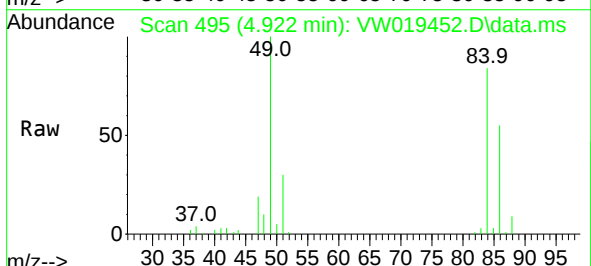
Instrument :
MSVOA_W
ClientSampled :

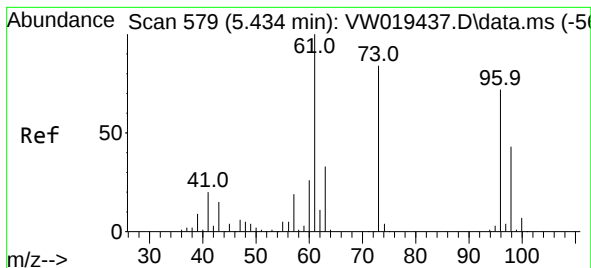
Tgt Ion: 76 Resp: 35127
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0



#16
Methylene chloride
Concen: 4.979 ug/L
RT: 4.922 min Scan# 495
Delta R.T. -0.006 min
Lab File: VW019452.D
Acq: 13 Jul 2021 00:36

Tgt Ion: 84 Resp: 44948
Ion Ratio Lower Upper
84 100
86 65.7 45.3 84.1
49 118.7 86.6 160.8

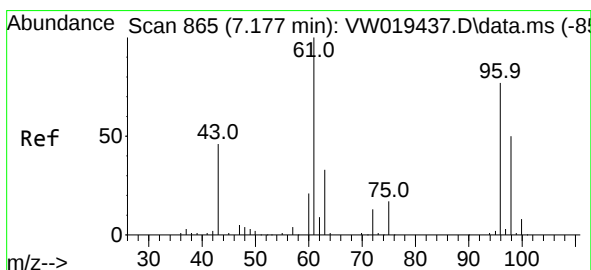
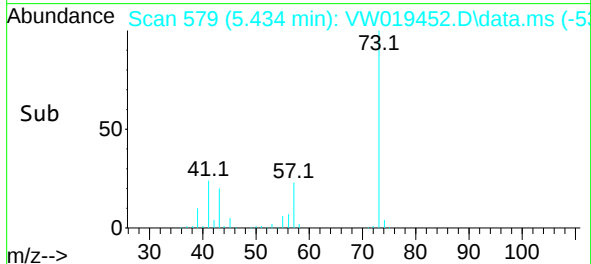
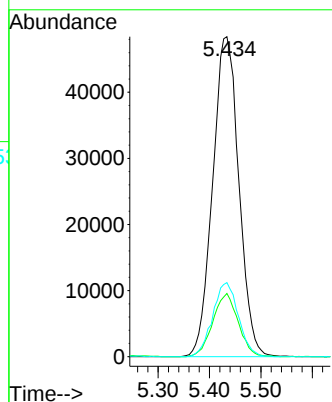
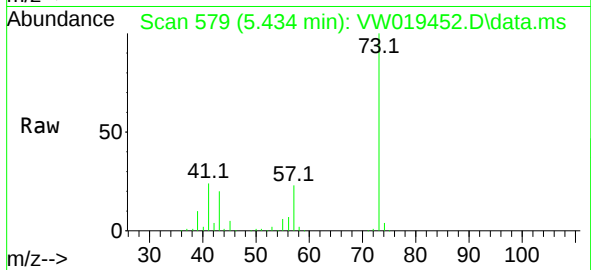




#18
Methyl tert-butyl Ether
Concen: 19.292 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.000 min
Lab File: VW019452.D
Acq: 13 Jul 2021 00:36

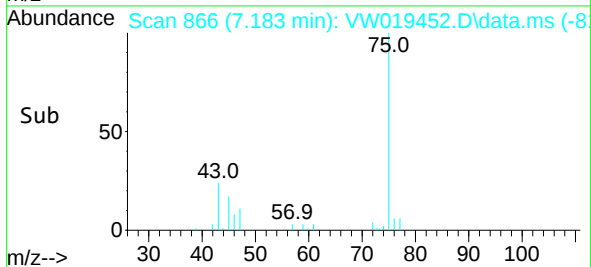
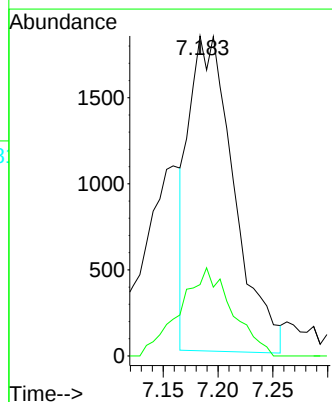
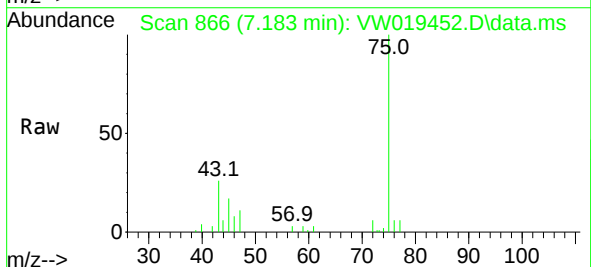
Instrument :
MSVOA_W
ClientSampled :

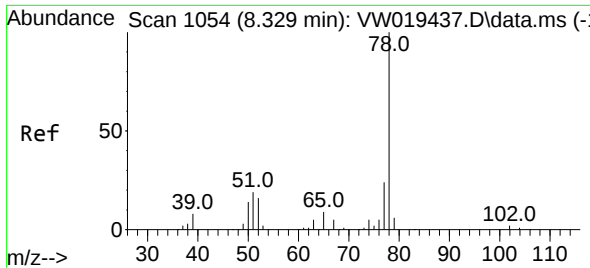
Tgt Ion: 73 Resp: 171356
Ion Ratio Lower Upper
73 100
43 19.2 17.7 26.5
57 22.8 17.0 25.4



#22
2-Butanone
Concen: 2.459 ug/L
RT: 7.183 min Scan# 866
Delta R.T. 0.006 min
Lab File: VW019452.D
Acq: 13 Jul 2021 00:36

Tgt Ion: 43 Resp: 5222
Ion Ratio Lower Upper
43 100
72 20.6 14.9 44.7

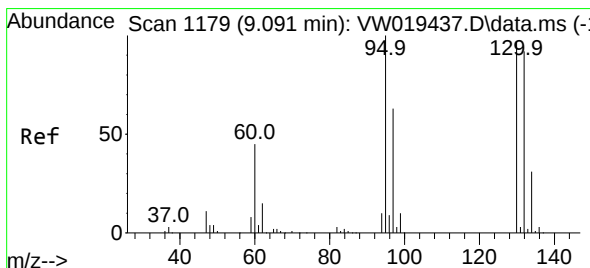
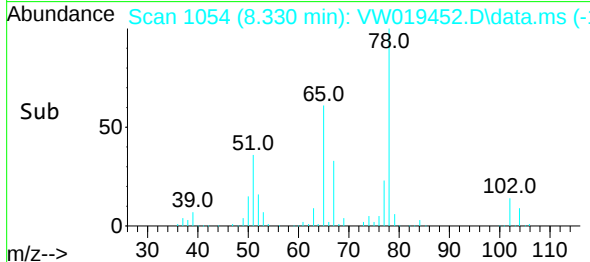
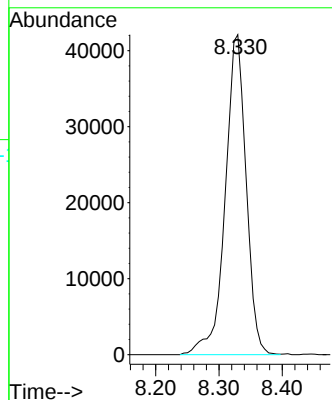
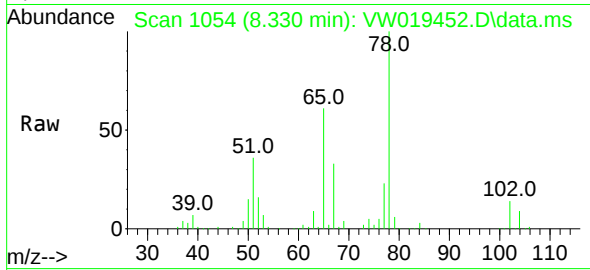




#33
Benzene
Concen: 3.829 ug/L
RT: 8.330 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VW019452.D
Acq: 13 Jul 2021 00:36

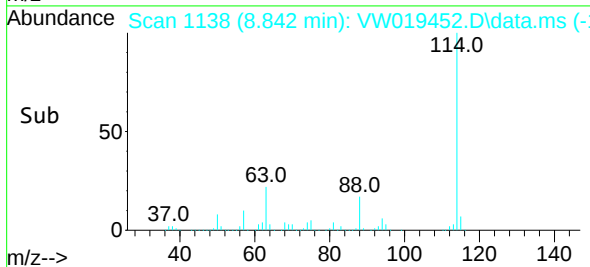
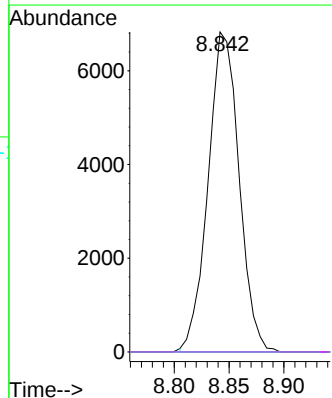
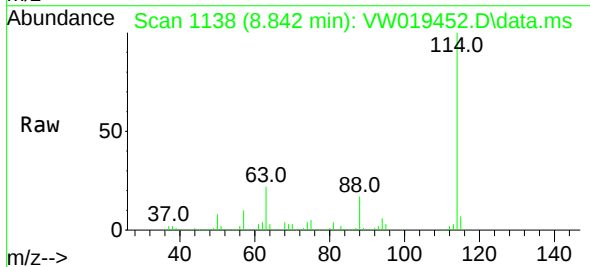
Instrument :
MSVOA_W
ClientSampleId :

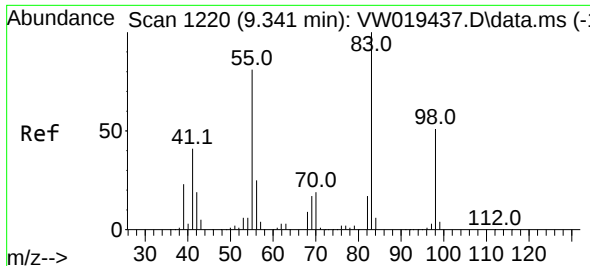
Tgt Ion: 78 Resp: 96635



#34
Trichloroethene
Concen: 2.084 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW019452.D
Acq: 13 Jul 2021 00:36

Tgt Ion: 95 Resp: 13422
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#

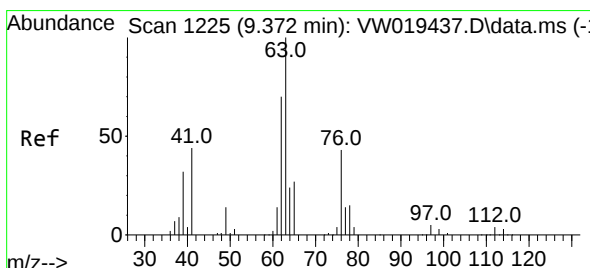
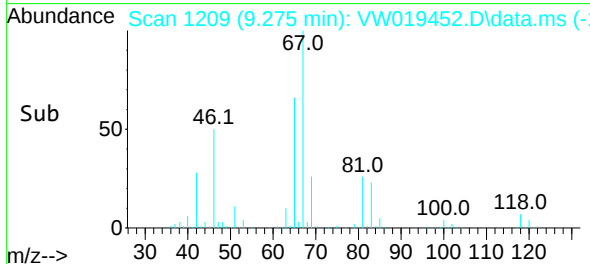
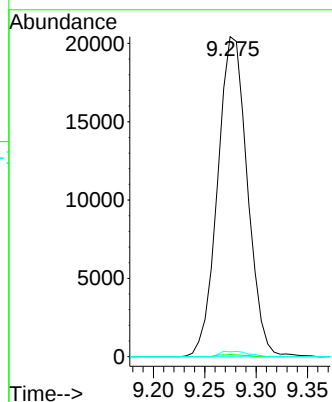
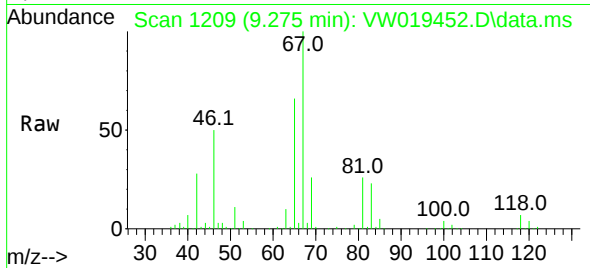




#35
Methylcyclohexane
Concen: 3.602 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.067 min
Lab File: VW019452.D
Acq: 13 Jul 2021 00:36

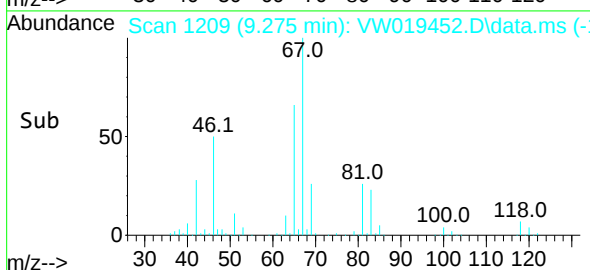
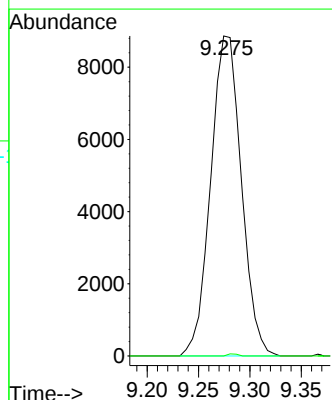
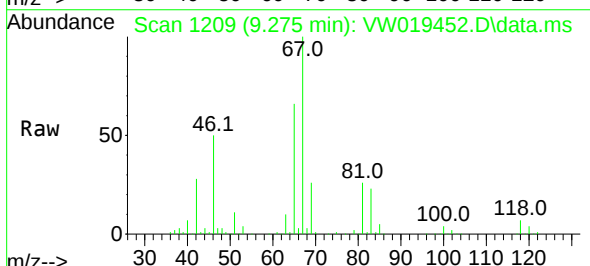
Instrument :
MSVOA_W
ClientSampled :

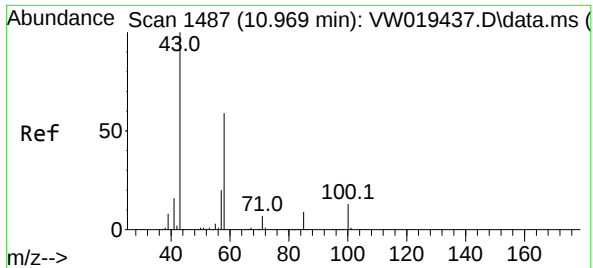
Tgt Ion: 83 Resp: 41059
Ion Ratio Lower Upper
83 100
55 0.6 58.9 88.3#
98 0.7 40.1 60.1#



#37
1,2-Dichloropropane
Concen: 2.876 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.097 min
Lab File: VW019452.D
Acq: 13 Jul 2021 00:36

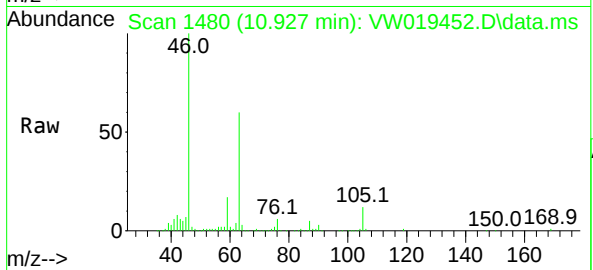
Tgt Ion: 63 Resp: 18395
Ion Ratio Lower Upper
63 100
112 0.2 3.9 5.9#





#48
2-Hexanone
Concen: 2.602 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.043 min
Lab File: VW019452.D
Acq: 13 Jul 2021 00:36

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 43	Resp: 7153
Ion Ratio	Lower Upper
43	100
58	30.8 42.7 64.1#
57	37.2 15.8 23.8#
100	4.7 10.0 15.0#

