

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121321\
 Data File : VW021368.D
 Acq On : 13 Dec 2021 17:05
 Operator : SY/VA
 Sample : M5062-19RE
 Misc : 6.17g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 14 00:37:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Dec 14 00:34:04 2021
 Response via : Initial Calibration

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

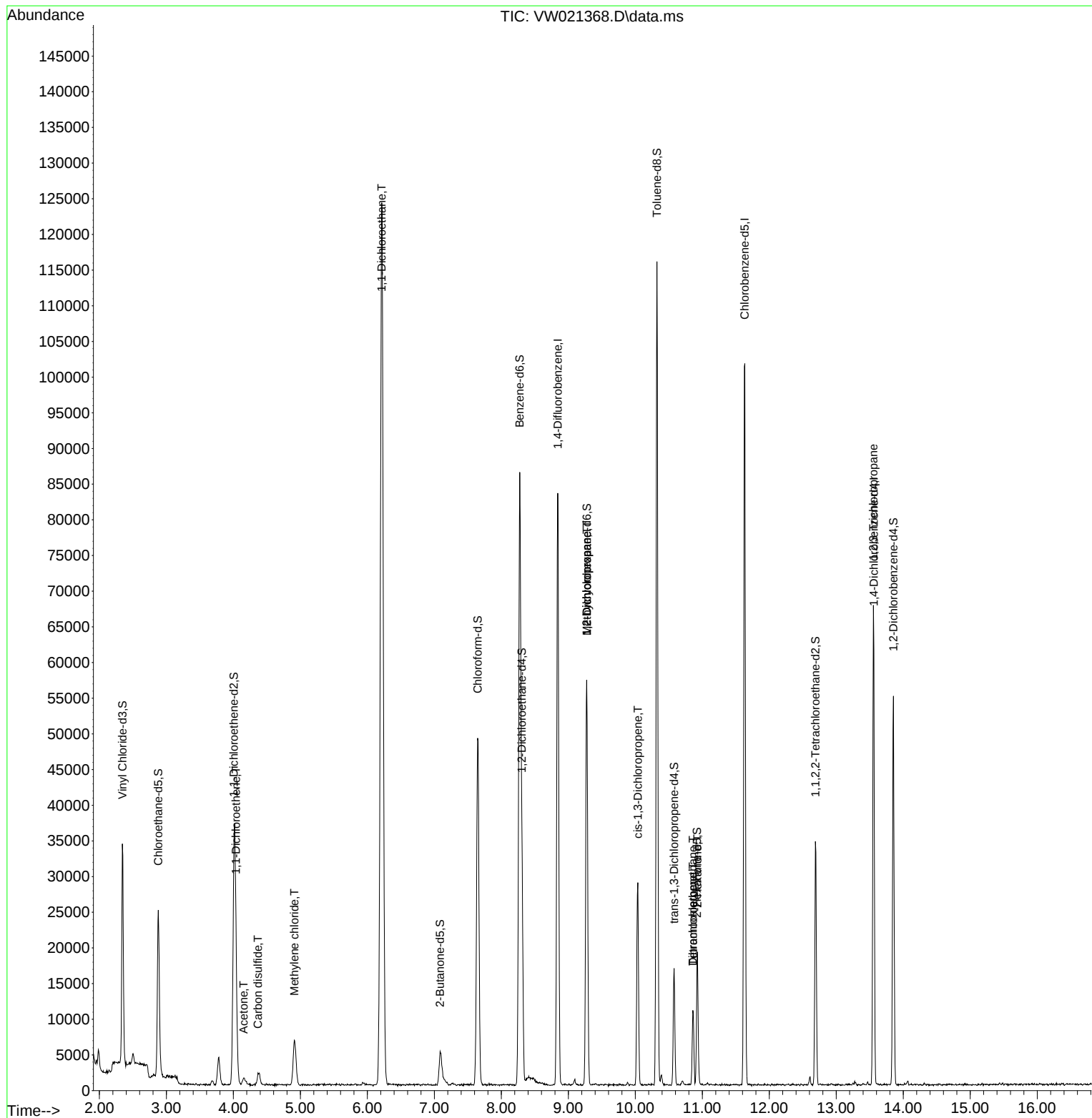
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	72684	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	59054	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	18035	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	30522	23.057	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.240%
7) Chloroethane-d5	2.879	69	27248	31.137	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	124.560%
11) 1,1-Dichloroethene-d2	4.007	63	32442	18.383	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	73.520%
21) 2-Butanone-d5	7.086	46	8955	47.991	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.980%
24) Chloroform-d	7.647	84	50068	24.718	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.880%
26) 1,2-Dichloroethane-d4	8.305	65	23665	21.964	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.840%
32) Benzene-d6	8.275	84	86599	26.753	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.000%
36) 1,2-Dichloropropane-d6	9.274	67	24742	28.501	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.000%
41) Toluene-d8	10.323	98	75752	22.904	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.600%
43) trans-1,3-Dichloroprop...	10.579	79	8889	22.238	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.960%
47) 2-Hexanone-d5	10.920	63	6095	47.480	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.960%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	15709	21.050	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.200%
66) 1,2-Dichlorobenzene-d4	13.853	152	14306	20.468	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.880%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.038	96	6572	7.295	ug/L #	52
13) Acetone	4.153	43	2270	13.570	ug/L	78
14) Carbon disulfide	4.367	76	2204	0.947	ug/L #	94
16) Methylene chloride	4.909	84	5030	4.188	ug/L	71
19) 1,1-Dichloroethane	6.214	63	170534	111.404	ug/L	99
35) Methylcyclohexane	9.274	83	6631	4.451	ug/L #	14
37) 1,2-Dichloropropane	9.274	63	3158	4.401	ug/L #	88
39) cis-1,3-Dichloropropene	10.036	75	842	0.744	ug/L #	62
46) Tetrachloroethene	10.860	164	2315	2.699	ug/L	94
48) 2-Hexanone	10.927	43	846	2.984	ug/L #	67
49) Dibromochloromethane	10.860	129	2143	2.960	ug/L #	10
61) 1,2,3-Trichloropropane	13.554	75	2166	8.252	ug/L #	67

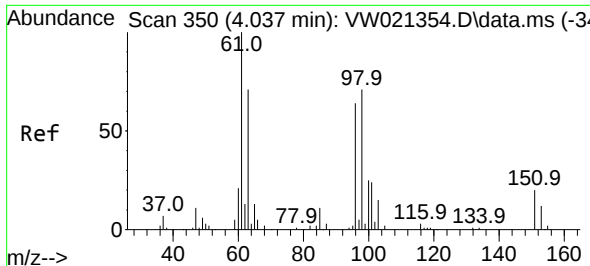
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Tue Dec 14 00:34:04 2021
Response via : Initial Calibration

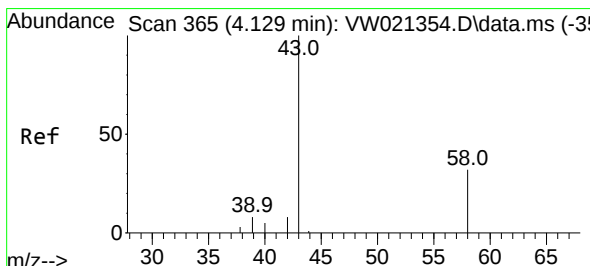
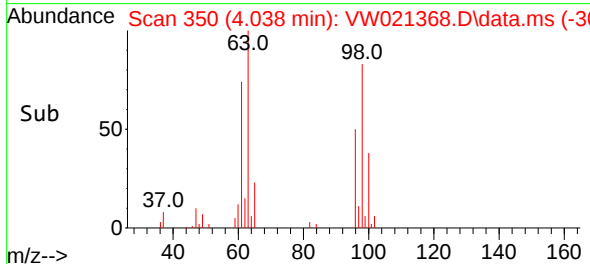
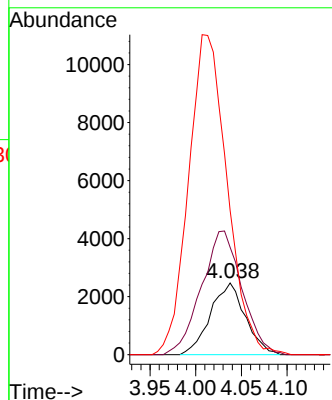
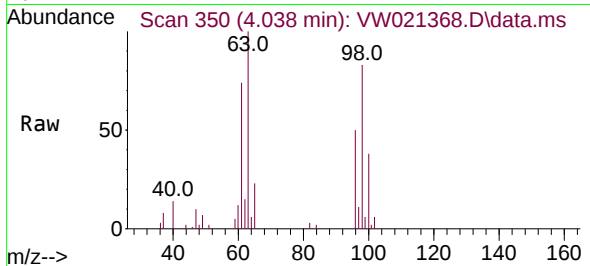




#12
 1,1-Dichloroethene
 Concen: 7.295 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. 0.000 min
 Lab File: VW021368.D
 Acq: 13 Dec 2021 17:05

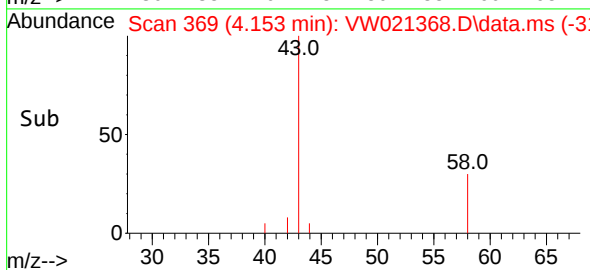
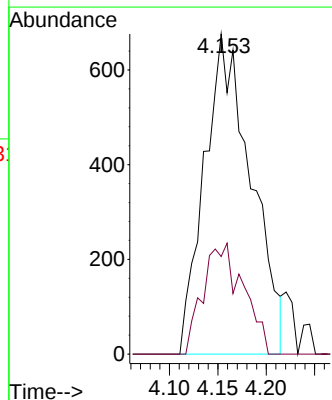
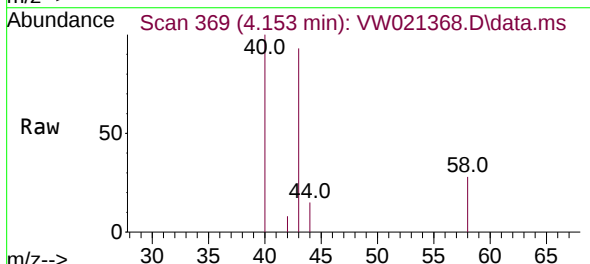
Instrument :
 MSVOA_W
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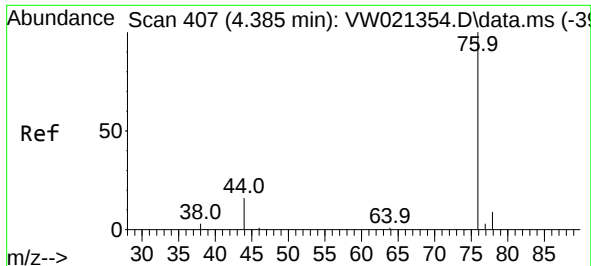
Tgt Ion: 96 Resp: 6572
 Ion Ratio Lower Upper
 96 100
 61 149.8 138.3 256.9
 63 201.2 82.6 153.4#



#13
 Acetone
 Concen: 13.570 ug/L
 RT: 4.153 min Scan# 369
 Delta R.T. 0.025 min
 Lab File: VW021368.D
 Acq: 13 Dec 2021 17:05

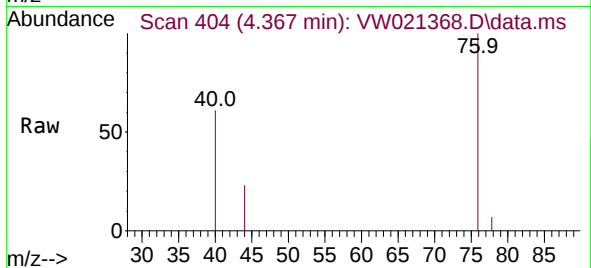
Tgt Ion: 43 Resp: 2270
 Ion Ratio Lower Upper
 43 100
 58 15.0 0.0 52.8



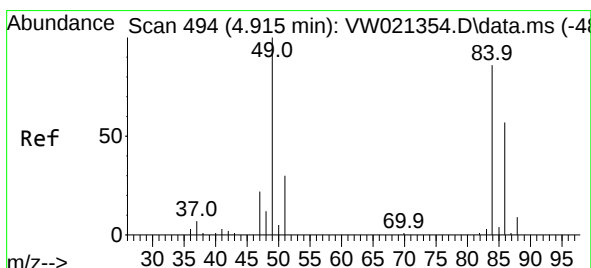
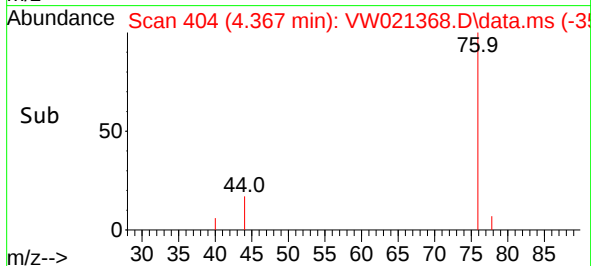
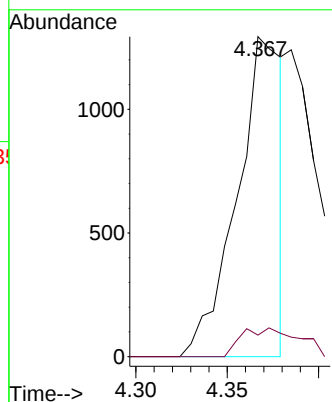


#14
Carbon disulfide
Concen: 0.947 ug/L
RT: 4.367 min Scan# 407
Delta R.T. -0.018 min
Lab File: VW021368.D
Acq: 13 Dec 2021 17:05

Instrument :
MSVOA_W
ClientSampleId :

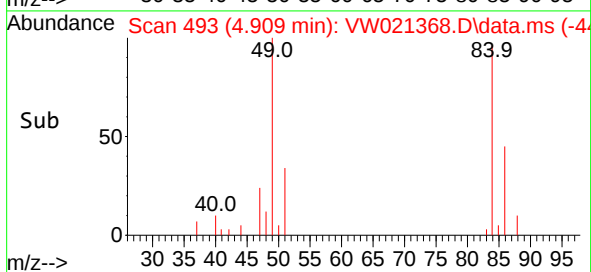
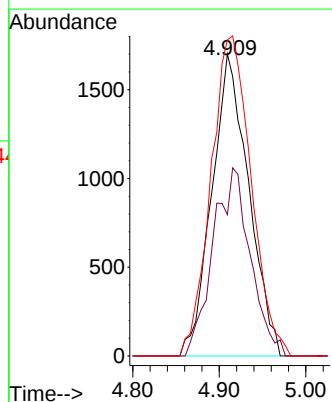
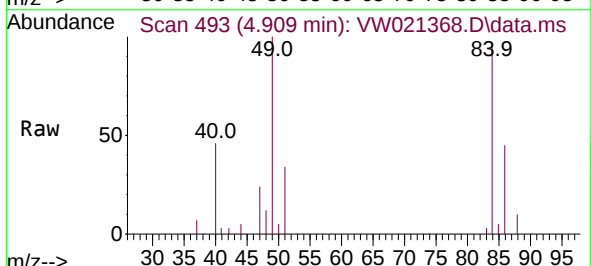


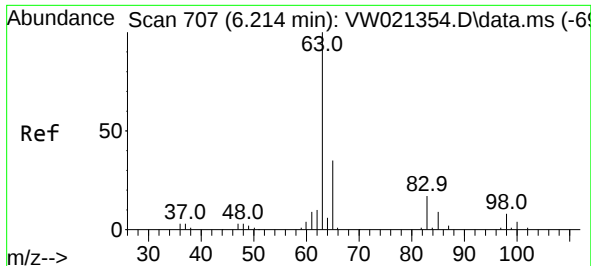
Tgt Ion: 76 Resp: 2204
Ion Ratio Lower Upper
76 100
78 6.7 7.1 10.7#



#16
Methylene chloride
Concen: 4.188 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.006 min
Lab File: VW021368.D
Acq: 13 Dec 2021 17:05

Tgt Ion: 84 Resp: 5030
Ion Ratio Lower Upper
84 100
86 46.8 45.5 84.5
49 104.7 100.5 186.7

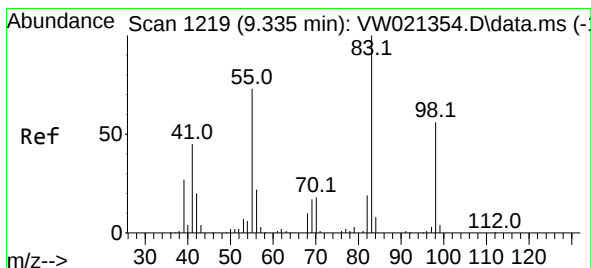
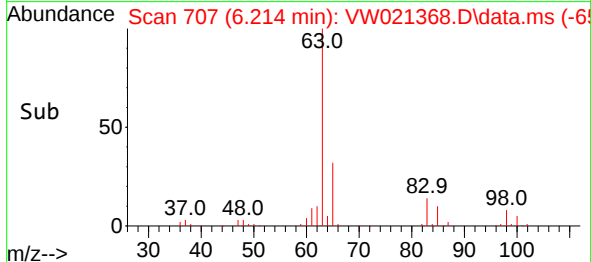
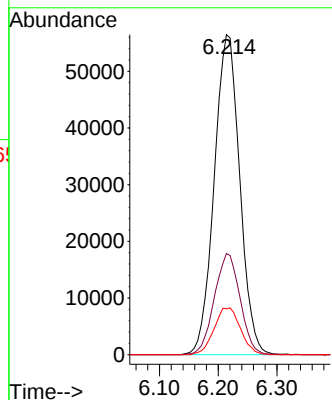
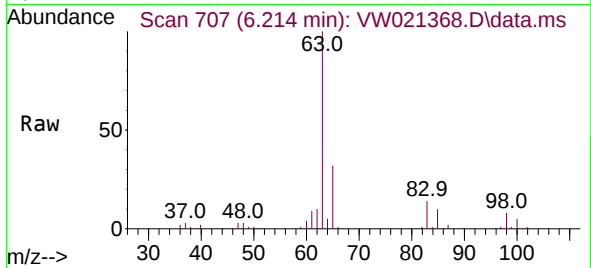




#19
1,1-Dichloroethane
Concen: 111.404 ug/L
RT: 6.214 min Scan# 707
Delta R.T. 0.000 min
Lab File: VW021368.D
Acq: 13 Dec 2021 17:05

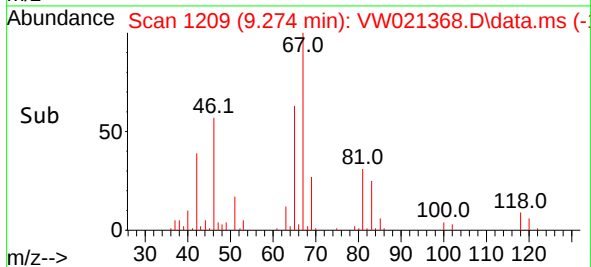
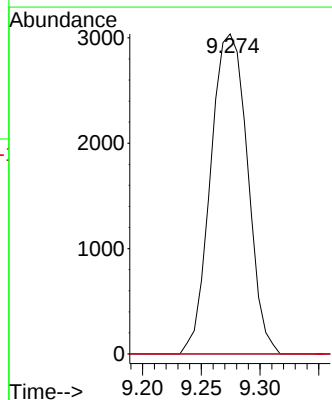
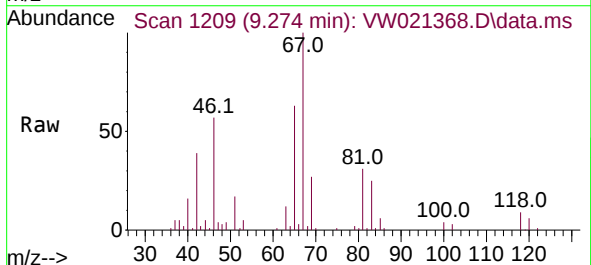
Instrument :
MSVOA_W
ClientSampleId :

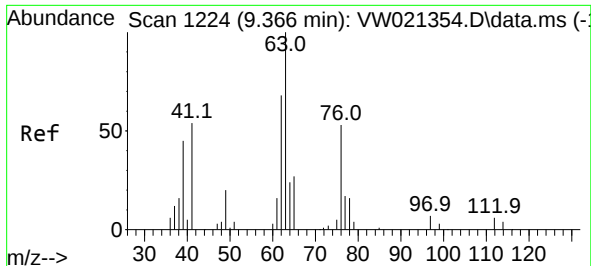
Tgt Ion: 63 Resp: 170534
Ion Ratio Lower Upper
63 100
65 31.6 22.1 41.1
83 14.4 9.2 17.2



#35
Methylcyclohexane
Concen: 4.451 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW021368.D
Acq: 13 Dec 2021 17:05

Tgt Ion: 83 Resp: 6631
Ion Ratio Lower Upper
83 100
55 0.0 70.8 106.2#
98 0.0 37.7 56.5#

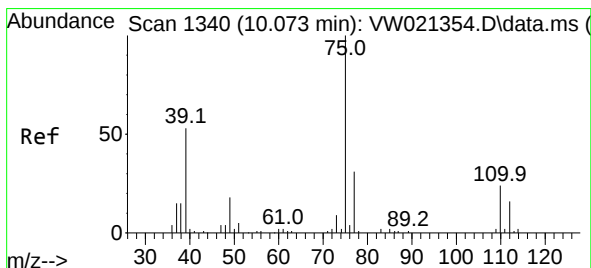
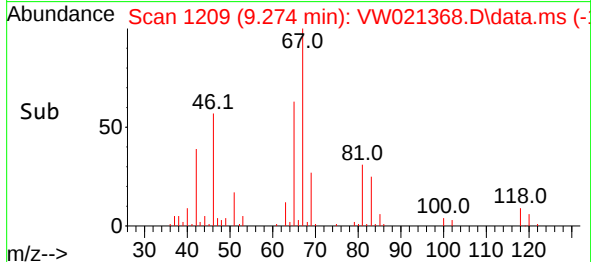
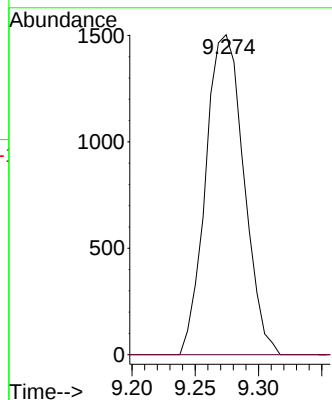
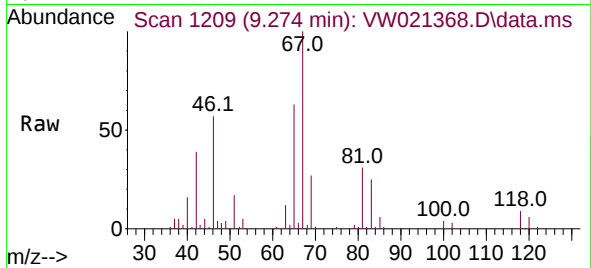




#37
1,2-Dichloropropane
Concen: 4.401 ug/L
RT: 9.274 min Scan# 11
Delta R.T. -0.091 min
Lab File: VW021368.D
Acq: 13 Dec 2021 17:05

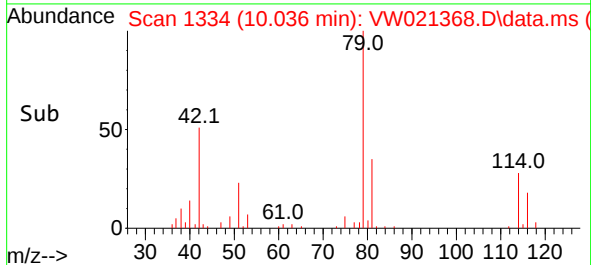
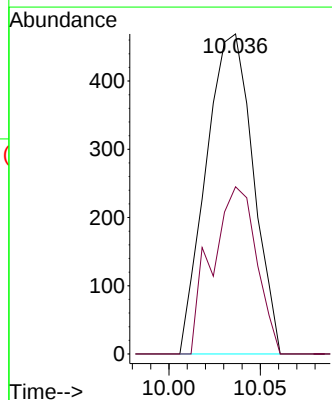
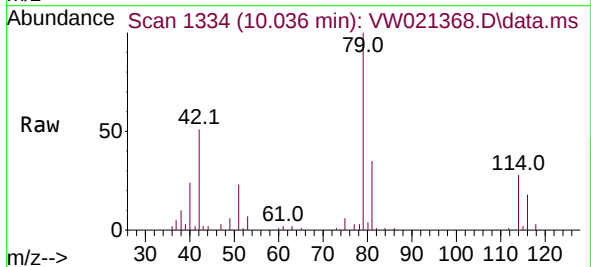
Instrument :
MSVOA_W
ClientSampleId :

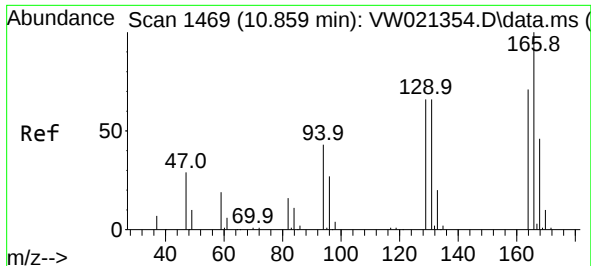
Tgt Ion: 63 Resp: 3158
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



#39
cis-1,3-Dichloropropene
Concen: 0.744 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.036 min
Lab File: VW021368.D
Acq: 13 Dec 2021 17:05

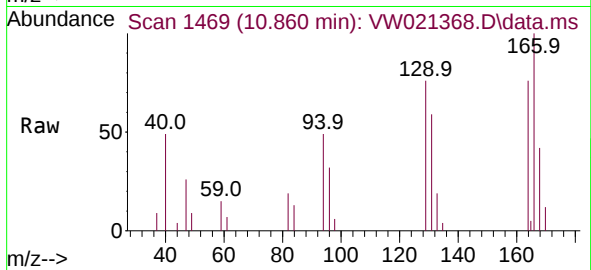
Tgt Ion: 75 Resp: 842
Ion Ratio Lower Upper
75 100
77 52.2 21.8 40.6#





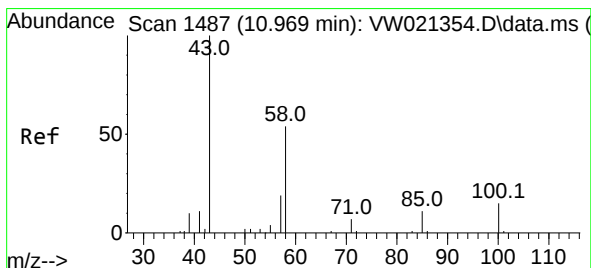
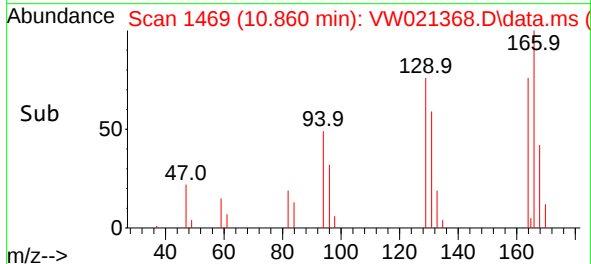
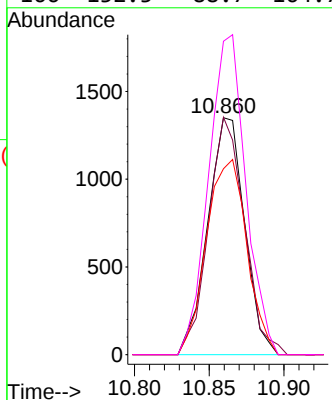
#46
Tetrachloroethene
Concen: 2.699 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW021368.D
Acq: 13 Dec 2021 17:05

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:164 Resp: 2315

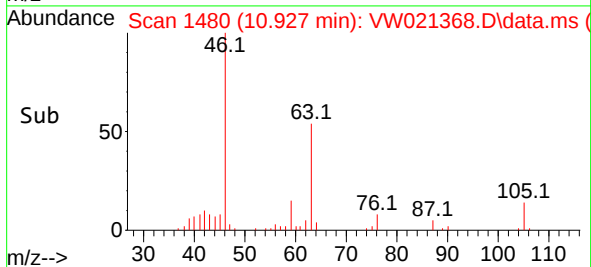
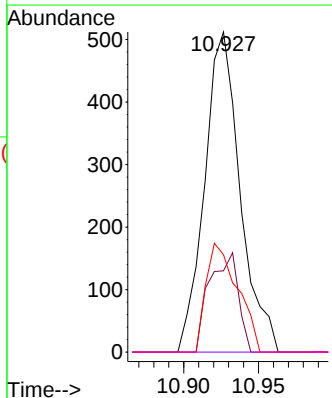
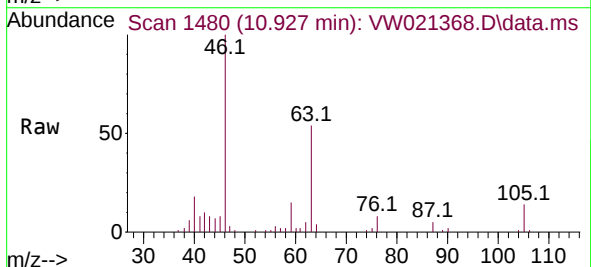
Ion	Ratio	Lower	Upper
164	100		
129	100.1	65.5	121.7
131	78.5	59.7	110.9
166	132.3	88.7	164.7

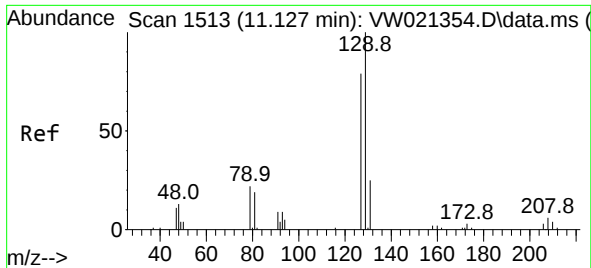


#48
2-Hexanone
Concen: 2.984 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.042 min
Lab File: VW021368.D
Acq: 13 Dec 2021 17:05

Tgt Ion: 43 Resp: 846

Ion	Ratio	Lower	Upper
43	100		
58	24.9	40.2	60.2#
57	30.3	14.3	21.5#
100	0.0	8.0	12.0#





#49

Dibromochloromethane

Concen: 2.960 ug/L

RT: 10.860 min Scan# 14

Delta R.T. -0.268 min

Lab File: VW021368.D

Acq: 13 Dec 2021 17:05

Instrument :

MSVOA_W

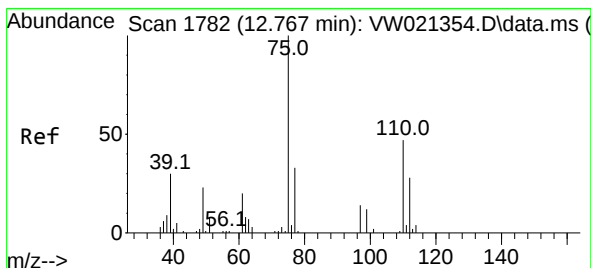
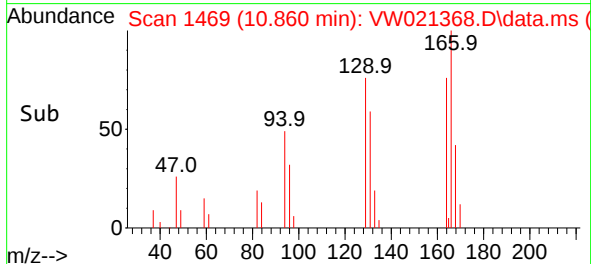
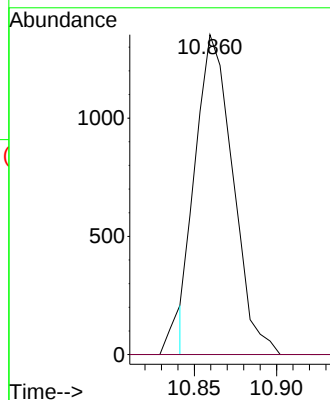
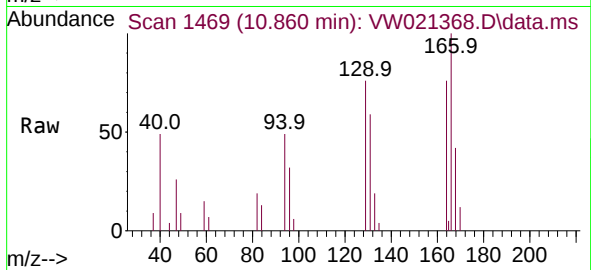
ClientSampleId :

Tgt Ion:129 Resp: 2143

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#



#61

1,2,3-Trichloropropane

Concen: 8.252 ug/L

RT: 13.554 min Scan# 1911

Delta R.T. 0.787 min

Lab File: VW021368.D

Acq: 13 Dec 2021 17:05

Tgt Ion: 75 Resp: 2166

Ion Ratio Lower Upper

75 100

77 31.2 25.8 38.8

110 0.0 29.0 43.4#

