

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121721\
 Data File : VW021439.D
 Acq On : 17 Dec 2021 18:32
 Operator : SY/VA
 Sample : MM5101-15RE
 Misc : 6.75g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 17 21:18:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 17 00:58:26 2021
 Response via : Initial Calibration

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

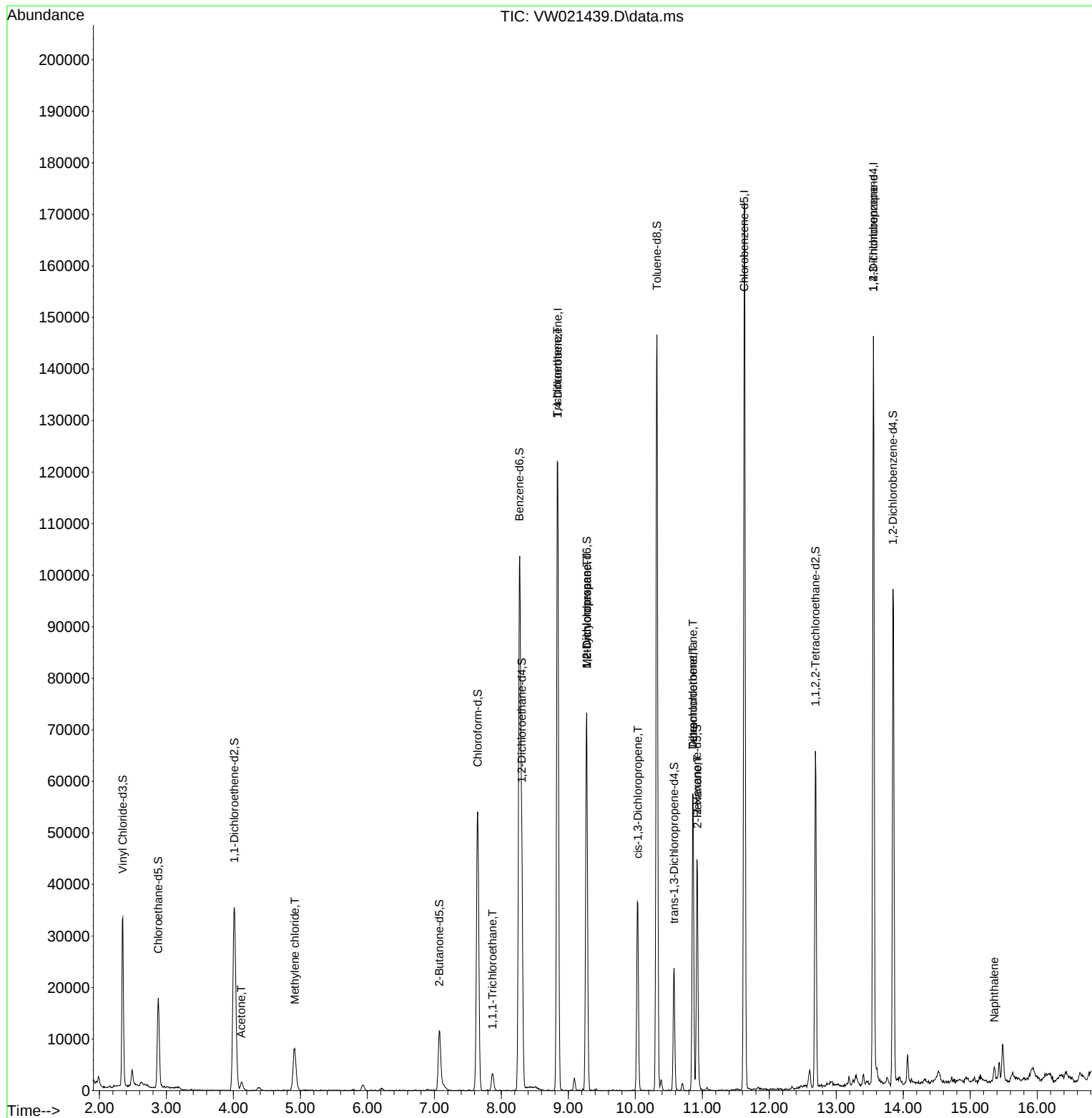
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	110533	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	94552	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	40668	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	32587	16.188	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.760%
7) Chloroethane-d5	2.879	69	21067	15.830	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.320%
11) 1,1-Dichloroethene-d2	4.013	63	34510	12.858	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.440%
21) 2-Butanone-d5	7.074	46	19561	68.933	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	137.860%#
24) Chloroform-d	7.647	84	56062	18.200	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	72.800%
26) 1,2-Dichloroethane-d4	8.305	65	36011	21.978	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.920%
32) Benzene-d6	8.269	84	106445	20.538	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.160%
36) 1,2-Dichloropropane-d6	9.275	67	30639	22.043	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.160%
41) Toluene-d8	10.323	98	98353	18.573	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.280%
43) trans-1,3-Dichloroprop...	10.579	79	12382	19.347	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.400%
47) 2-Hexanone-d5	10.921	63	15327	74.571	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	149.140%#
56) 1,1,2,2-Tetrachloroeth...	12.689	84	29902	25.026	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.120%
66) 1,2-Dichlorobenzene-d4	13.847	152	26217	16.634	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	66.520%#
Target Compounds						
					Qvalue	
13) Acetone	4.117	43	1826	7.178	ug/L	57
16) Methylene chloride	4.916	84	7028	3.848	ug/L	# 74
30) 1,1,1-Trichloroethane	7.866	97	2877	1.356	ug/L	# 83
34) Trichloroethene	8.836	95	3324	2.299	ug/L	# 5
35) Methylcyclohexane	9.275	83	8332	3.493	ug/L	# 14
37) 1,2-Dichloropropane	9.275	63	3968	3.454	ug/L	# 88
39) cis-1,3-Dichloropropene	10.037	75	1096	0.605	ug/L	# 72
46) Tetrachloroethene	10.860	164	12661	9.218	ug/L	96
48) 2-Hexanone	10.927	43	1968	4.335	ug/L	# 70
49) Dibromochloromethane	10.860	129	10443	9.008	ug/L	# 10
61) 1,2,3-Trichloropropane	13.554	75	4302	7.268	ug/L	# 64
71) Naphthalene	15.359	128	2842	1.116	ug/L	96

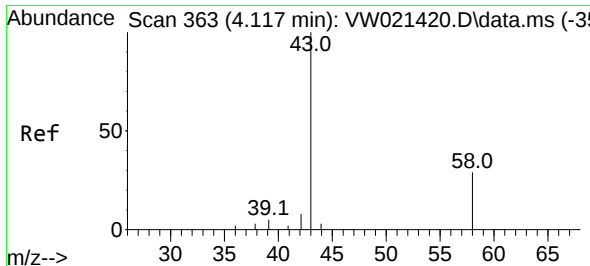
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Dec 17 00:58:26 2021
Response via : Initial Calibration





#13

Acetone

Concen: 7.178 ug/L

RT: 4.117 min Scan# 3

Delta R.T. -0.012 min

Lab File: VW021439.D

Acq: 17 Dec 2021 18:32

Instrument :

MSVOA_W

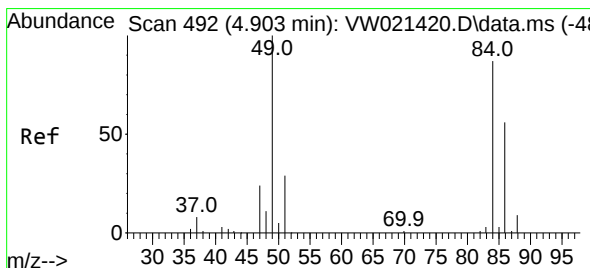
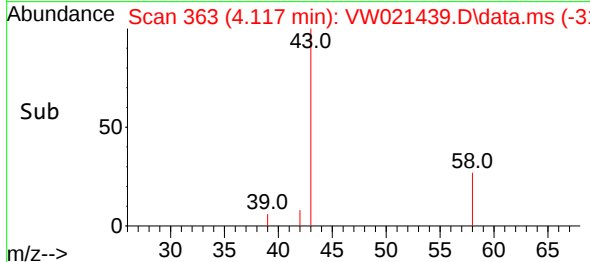
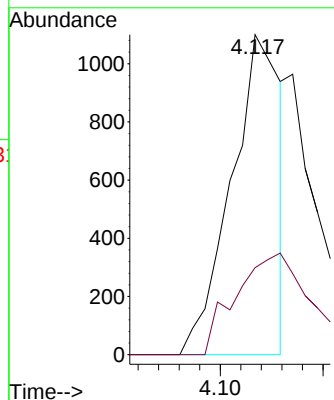
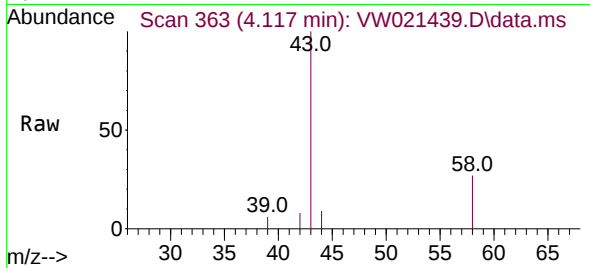
ClientSampleId :

Tgt Ion: 43 Resp: 1826

Ion Ratio Lower Upper

43 100

58 48.4 0.0 52.8



#16

Methylene chloride

Concen: 3.848 ug/L

RT: 4.916 min Scan# 494

Delta R.T. 0.006 min

Lab File: VW021439.D

Acq: 17 Dec 2021 18:32

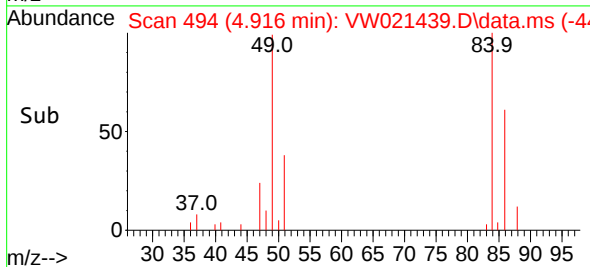
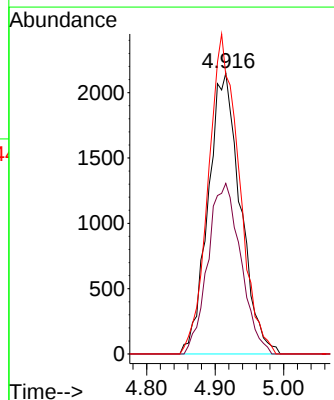
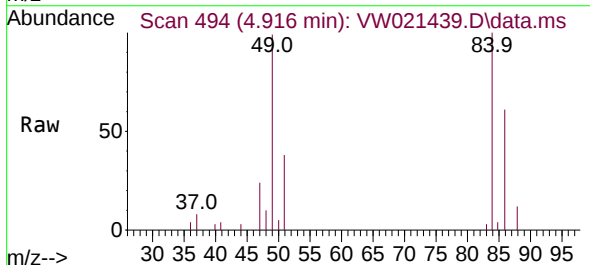
Tgt Ion: 84 Resp: 7028

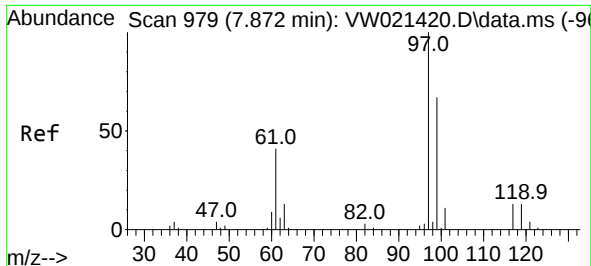
Ion Ratio Lower Upper

84 100

86 60.8 45.5 84.5

49 99.3 100.5 186.7#

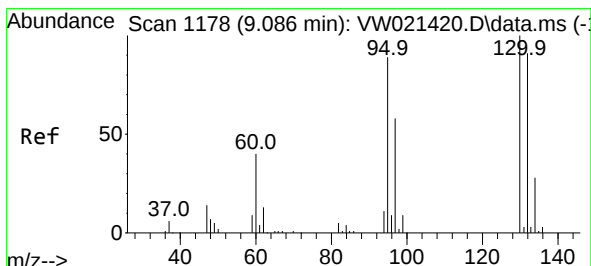
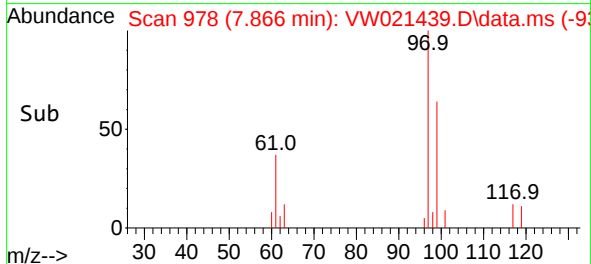
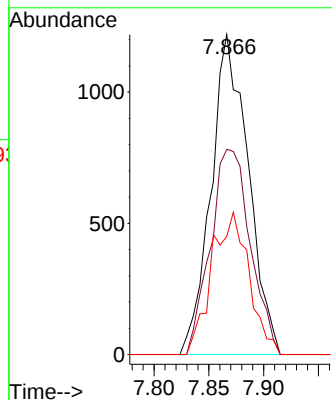
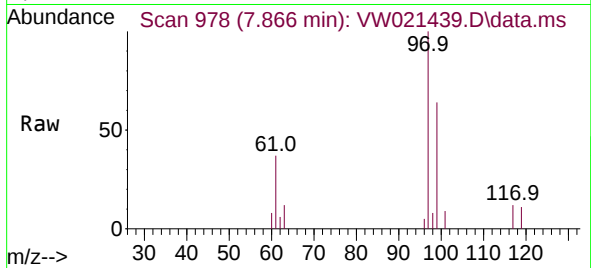




#30
1,1,1-Trichloroethane
Concen: 1.356 ug/L
RT: 7.866 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW021439.D
Acq: 17 Dec 2021 18:32

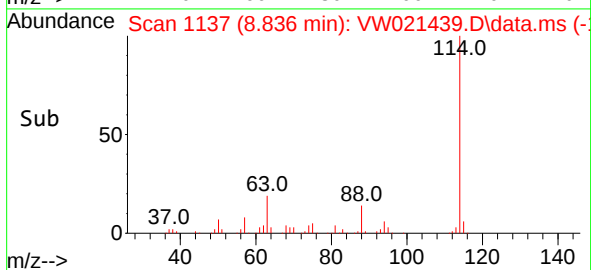
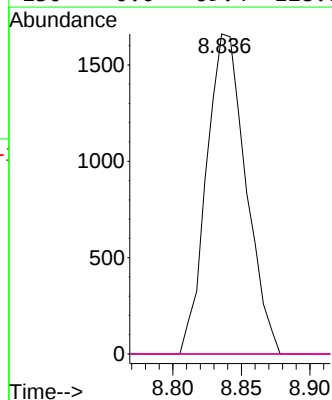
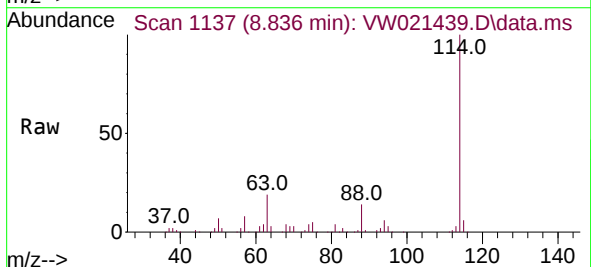
Instrument :
MSVOA_W
ClientSampleId :

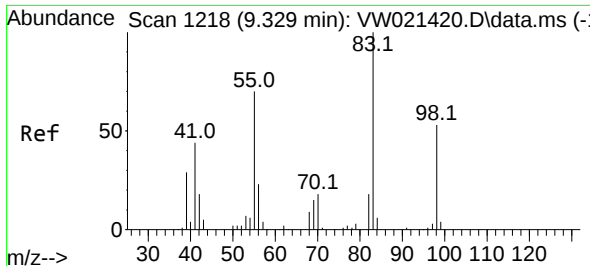
Tgt Ion: 97 Resp: 2877
Ion Ratio Lower Upper
97 100
99 68.9 51.6 77.4
61 28.6 40.9 61.3#



#34
Trichloroethene
Concen: 2.299 ug/L
RT: 8.836 min Scan# 1137
Delta R.T. -0.256 min
Lab File: VW021439.D
Acq: 17 Dec 2021 18:32

Tgt Ion: 95 Resp: 3324
Ion Ratio Lower Upper
95 100
97 0.0 47.0 87.2#
132 0.0 65.5 121.6#
130 0.0 69.4 128.8#

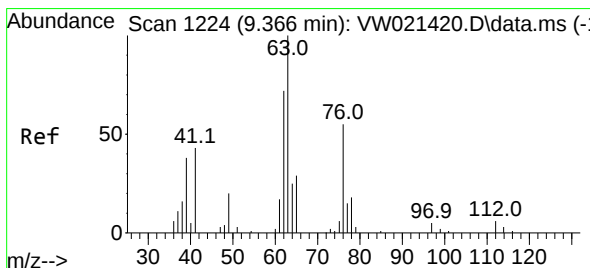
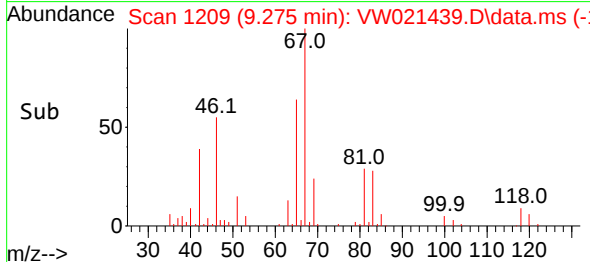
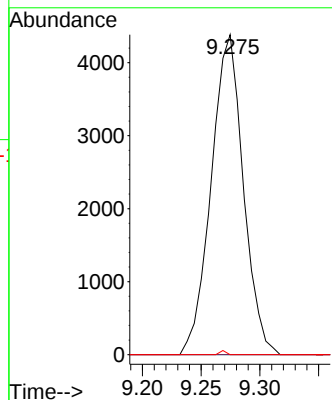
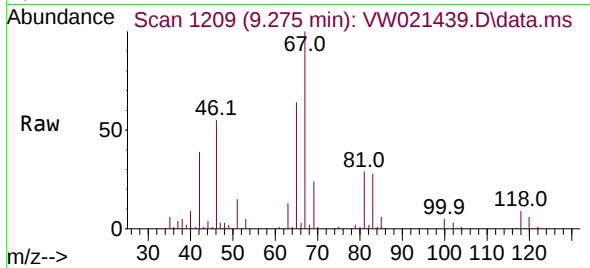




#35
Methylcyclohexane
Concen: 3.493 ug/L
RT: 9.275 min Scan# 11
Delta R.T. -0.061 min
Lab File: VW021439.D
Acq: 17 Dec 2021 18:32

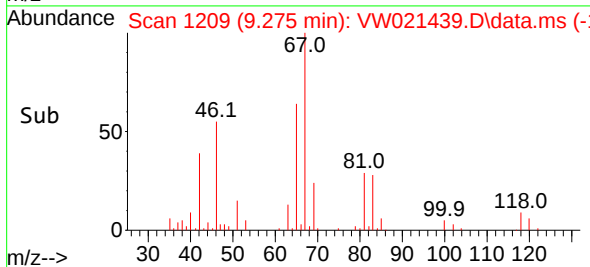
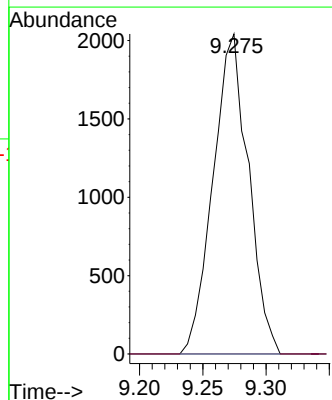
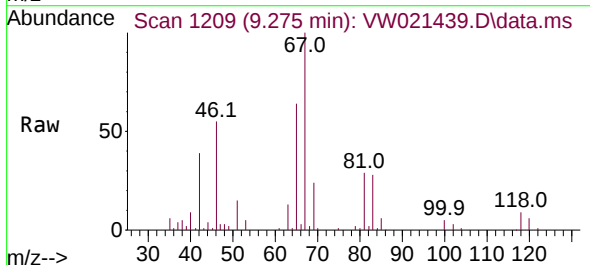
Instrument :
MSVOA_W
ClientSampleId :

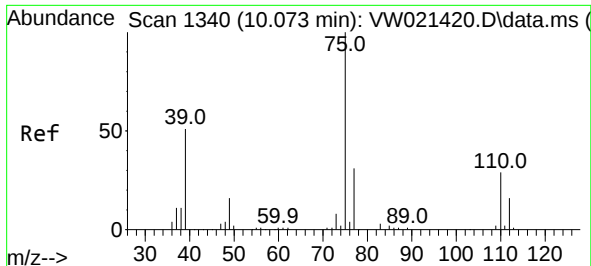
Tgt Ion: 83 Resp: 8332
Ion Ratio Lower Upper
83 100
55 0.0 70.8 106.2#
98 0.0 37.7 56.5#



#37
1,2-Dichloropropane
Concen: 3.454 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.091 min
Lab File: VW021439.D
Acq: 17 Dec 2021 18:32

Tgt Ion: 63 Resp: 3968
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

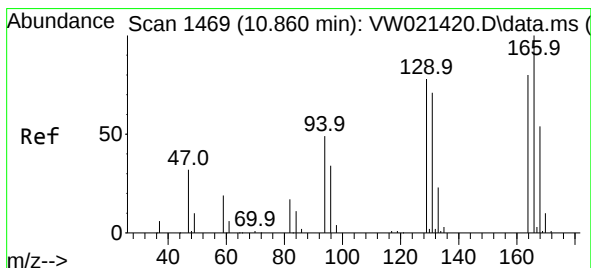
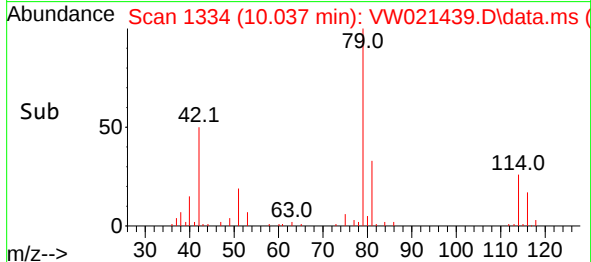
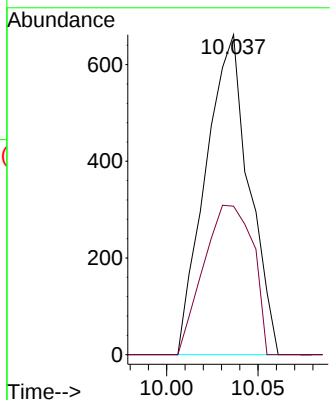
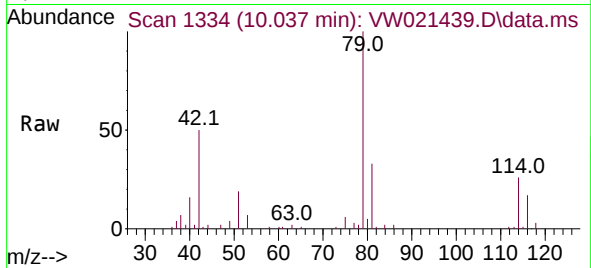




#39
cis-1,3-Dichloropropene
Concen: 0.605 ug/L
RT: 10.037 min Scan# 11
Delta R.T. -0.030 min
Lab File: VW021439.D
Acq: 17 Dec 2021 18:32

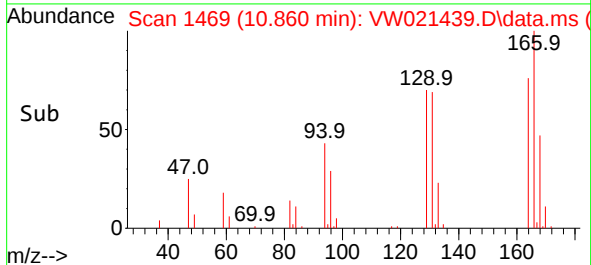
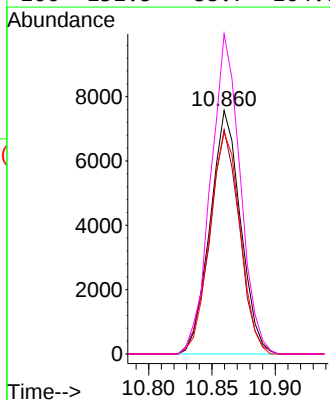
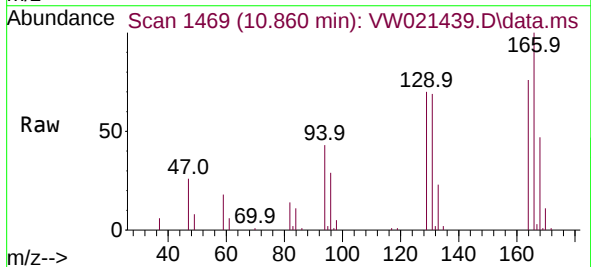
Instrument :
MSVOA_W
ClientSampleId :

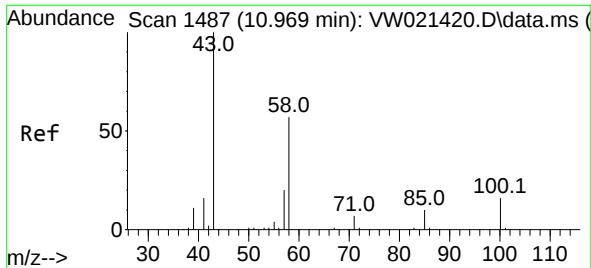
Tgt Ion: 75 Resp: 1096
Ion Ratio Lower Upper
75 100
77 46.4 21.8 40.6#



#46
Tetrachloroethene
Concen: 9.218 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW021439.D
Acq: 17 Dec 2021 18:32

Tgt Ion: 164 Resp: 12661
Ion Ratio Lower Upper
164 100
129 92.2 65.5 121.7
131 90.9 59.7 110.9
166 131.5 88.7 164.7

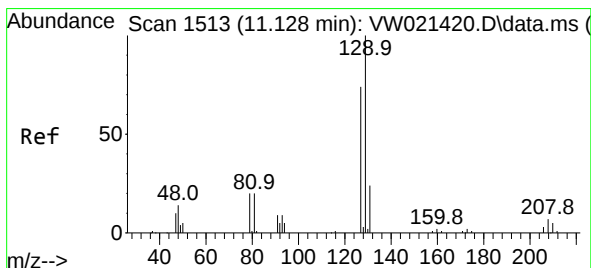
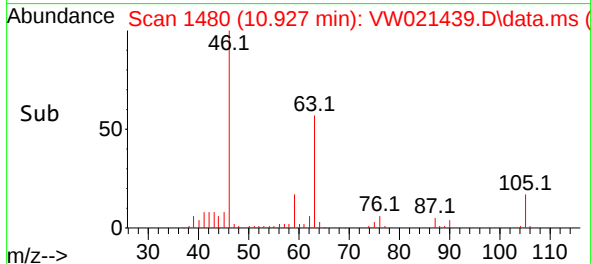
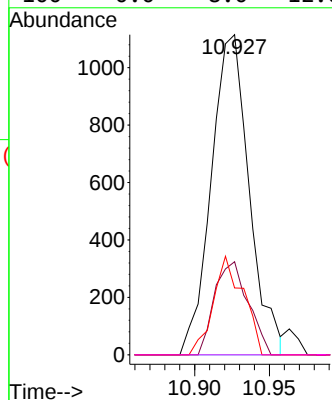
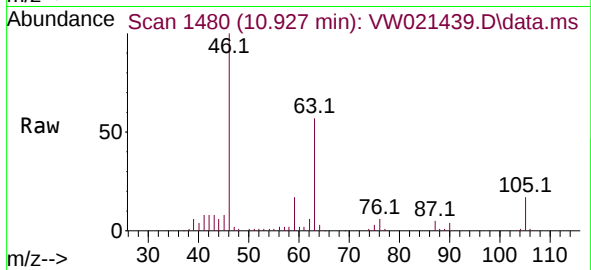




#48
2-Hexanone
Concen: 4.335 ug/L
RT: 10.927 min Scan# 1487
Delta R.T. -0.043 min
Lab File: VW021439.D
Acq: 17 Dec 2021 18:32

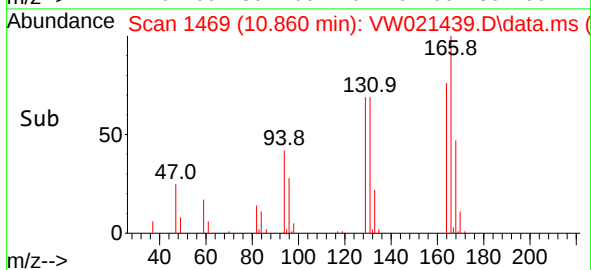
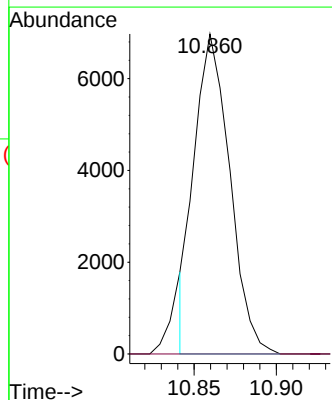
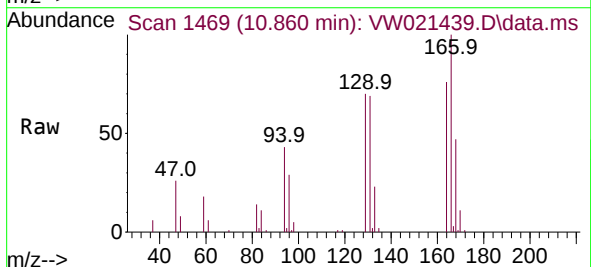
Instrument :
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ClientSampleId :

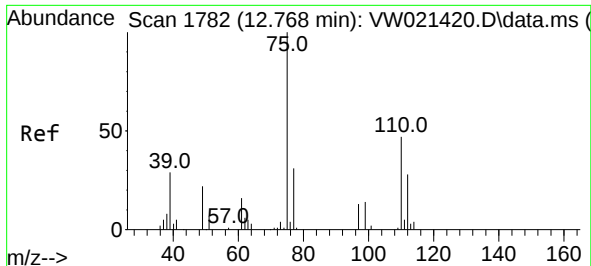
Tgt Ion: 43	Resp: 1968
Ion Ratio	Lower Upper
43 100	
58 25.8	40.2 60.2#
57 24.4	14.3 21.5#
100 0.0	8.0 12.0#



#49
Dibromochloromethane
Concen: 9.008 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.268 min
Lab File: VW021439.D
Acq: 17 Dec 2021 18:32

Tgt Ion:129	Resp:	10443	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.7	103.5#





#61

1,2,3-Trichloropropane

Concen: 7.268 ug/L

RT: 13.554 min Scan# 1911

Delta R.T. 0.787 min

Lab File: VW021439.D

Acq: 17 Dec 2021 18:32

Instrument :

MSVOA_W

ClientSampleId :

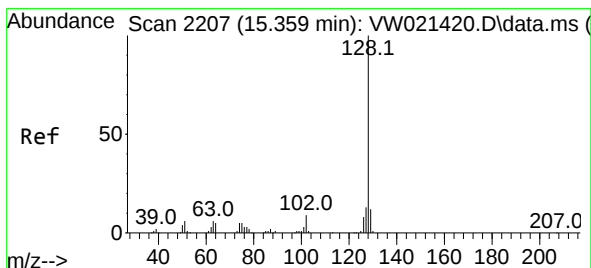
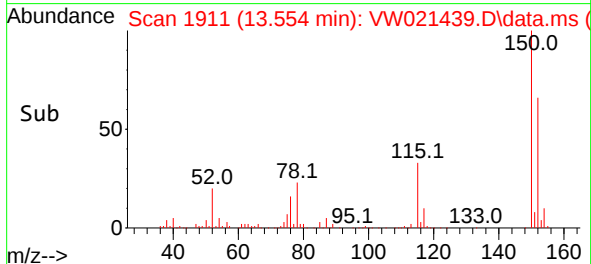
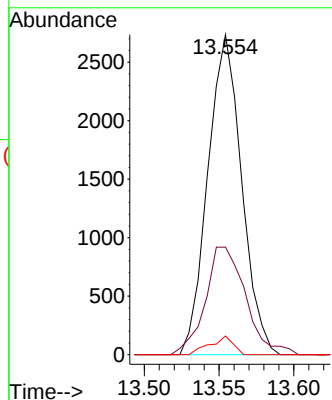
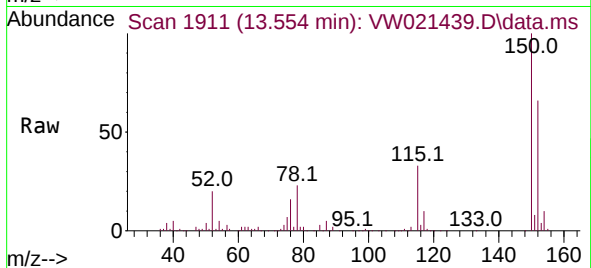
Tgt Ion: 75 Resp: 4302

Ion Ratio Lower Upper

75 100

77 40.2 25.8 38.8#

110 4.0 29.0 43.4#



#71

Naphthalene

Concen: 1.116 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. 0.000 min

Lab File: VW021439.D

Acq: 17 Dec 2021 18:32

Tgt Ion: 128 Resp: 2842

Ion Ratio Lower Upper

128 100

127 14.8 10.7 16.1

129 12.6 8.6 12.8

