

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
 Data File : VW021633.D
 Acq On : 23 Dec 2021 23:52
 Operator : SY/VA
 Sample : M5214-09
 Misc : 6.46g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 24 01:48:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 24 01:43:02 2021
 Response via : Initial Calibration

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

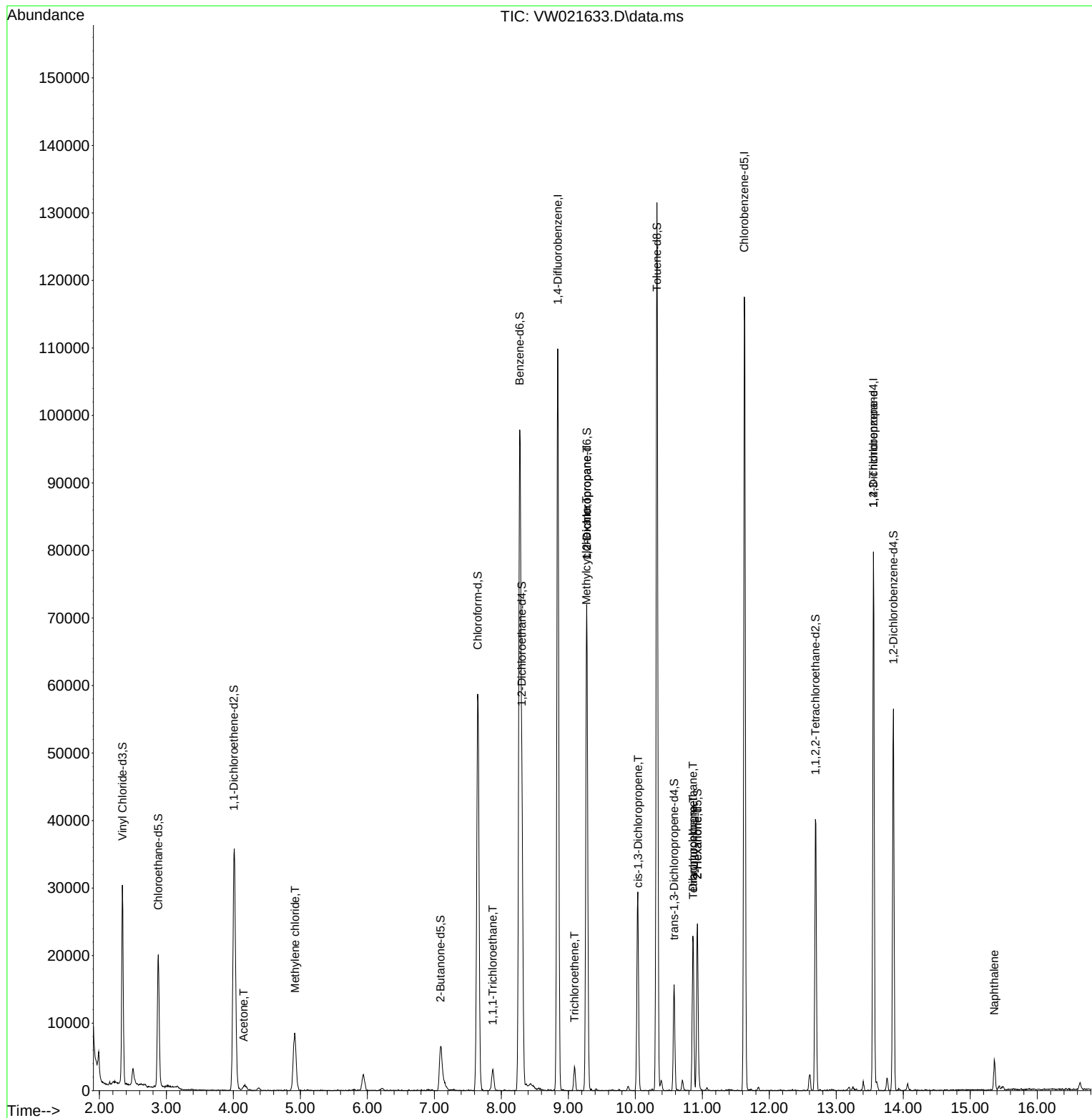
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	93786	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	67488	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	20475	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	28210	16.516	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.080%
7) Chloroethane-d5	2.879	69	21351	18.908	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.640%
11) 1,1-Dichloroethene-d2	4.007	63	33444	14.686	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.760%
21) 2-Butanone-d5	7.092	46	13154	54.632	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.260%
24) Chloroform-d	7.647	84	59314	22.694	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.760%
26) 1,2-Dichloroethane-d4	8.305	65	31319	22.528	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.120%
32) Benzene-d6	8.275	84	102965	27.834	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.320%
36) 1,2-Dichloropropane-d6	9.274	67	30464	30.707	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	122.840%#
41) Toluene-d8	10.323	98	85393	22.593	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.360%
43) trans-1,3-Dichloroprop...	10.579	79	8296	18.161	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.640%
47) 2-Hexanone-d5	10.927	63	8478	57.790	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.580%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	18717	21.947	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.800%
66) 1,2-Dichlorobenzene-d4	13.853	152	14534	18.316	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	73.280%#
Target Compounds					Qvalue	
13) Acetone	4.153	43	748	3.465	ug/L	98
16) Methylene chloride	4.922	84	6817	4.399	ug/L	76
30) 1,1,1-Trichloroethane	7.872	97	2701	1.784	ug/L	95
34) Trichloroethene	9.092	95	1192	1.155	ug/L	92
35) Methylcyclohexane	9.268	83	8302	4.877	ug/L	# 14
37) 1,2-Dichloropropane	9.274	63	4104	5.005	ug/L	# 88
39) cis-1,3-Dichloropropene	10.043	75	898	0.695	ug/L	97
46) Tetrachloroethene	10.866	164	5372	5.479	ug/L	94
48) 2-Hexanone	10.927	43	1214	3.747	ug/L	# 67
49) Dibromochloromethane	10.859	129	4511	5.452	ug/L	# 10
61) 1,2,3-Trichloropropane	13.554	75	2228	7.477	ug/L	# 61
71) Naphthalene	15.359	128	4215	3.289	ug/L	98

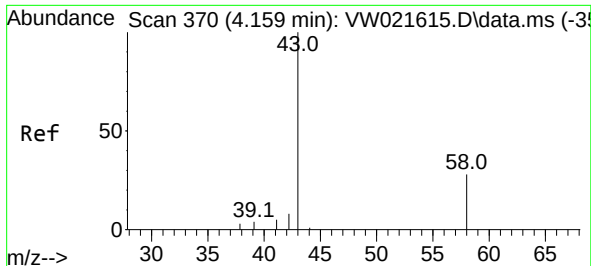
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Dec 24 01:43:02 2021
Response via : Initial Calibration

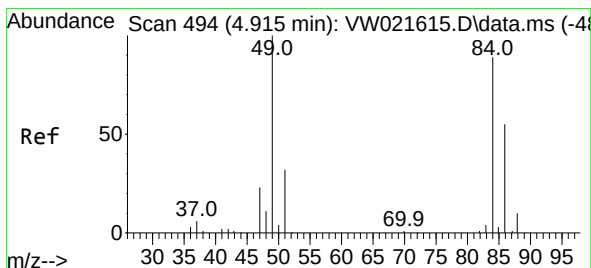
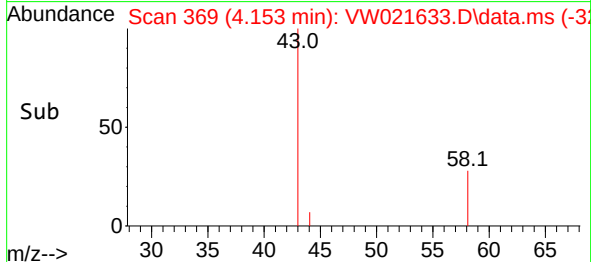
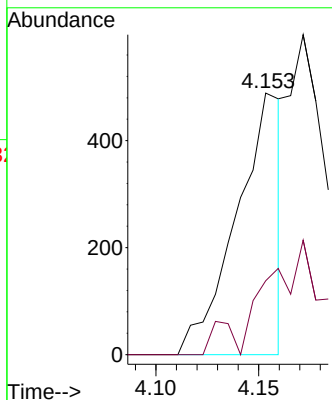
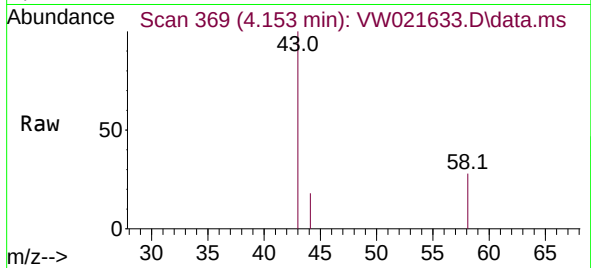




#13
Acetone
Concen: 3.465 ug/L
RT: 4.153 min Scan# 370
Delta R.T. -0.006 min
Lab File: VW021633.D
Acq: 23 Dec 2021 23:52

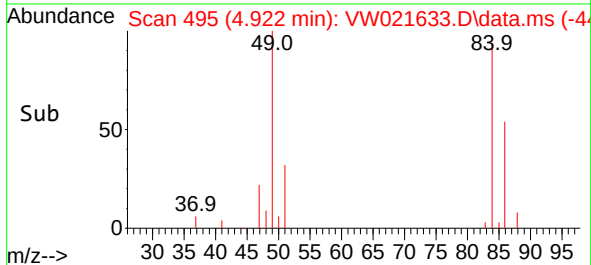
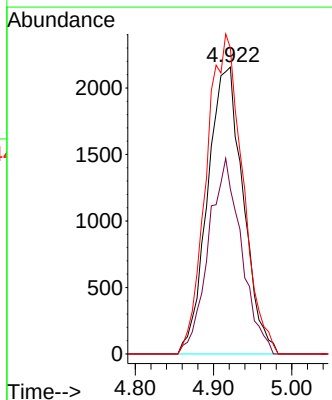
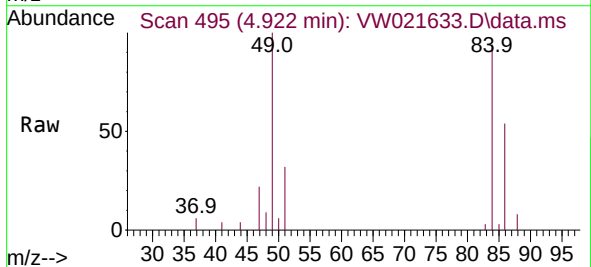
Instrument :
MSVOA_W
ClientSampleId :

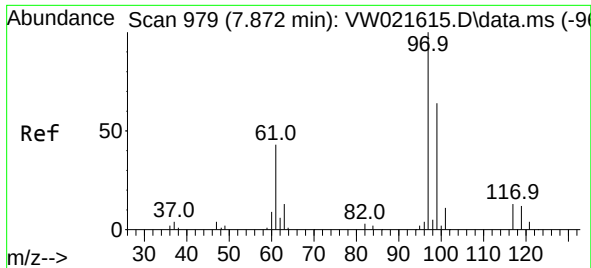
Tgt Ion: 43 Resp: 748
Ion Ratio Lower Upper
43 100
58 25.1 0.0 52.8



#16
Methylene chloride
Concen: 4.399 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW021633.D
Acq: 23 Dec 2021 23:52

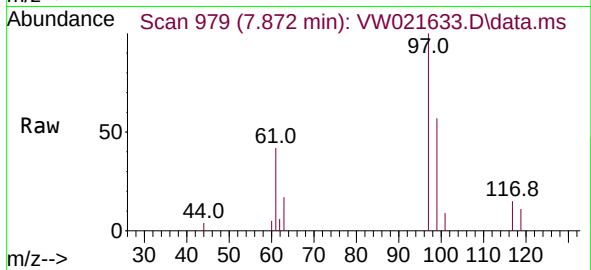
Tgt Ion: 84 Resp: 6817
Ion Ratio Lower Upper
84 100
86 57.5 45.5 84.5
49 106.7 100.5 186.7





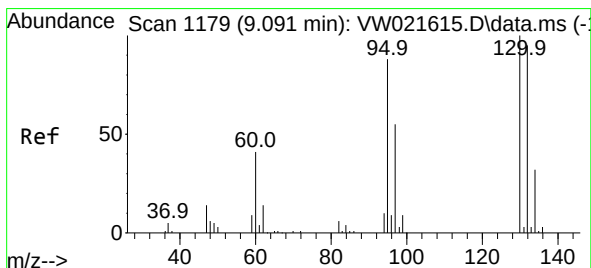
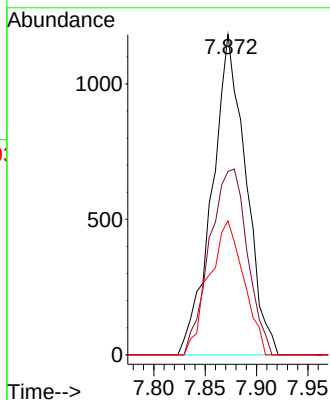
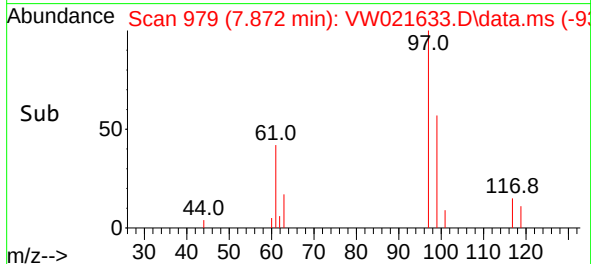
#30
1,1,1-Trichloroethane
Concen: 1.784 ug/L
RT: 7.872 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW021633.D
Acq: 23 Dec 2021 23:52

Instrument :
MSVOA_W
ClientSampleId :

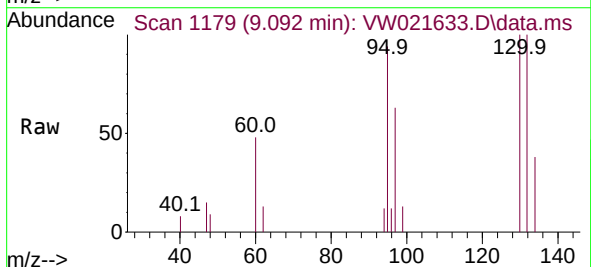


Tgt Ion: 97 Resp: 2701

Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.6	77.4
61	43.1	40.9	61.3

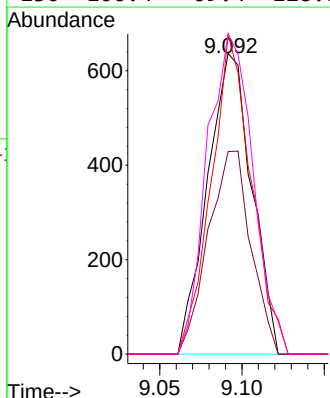
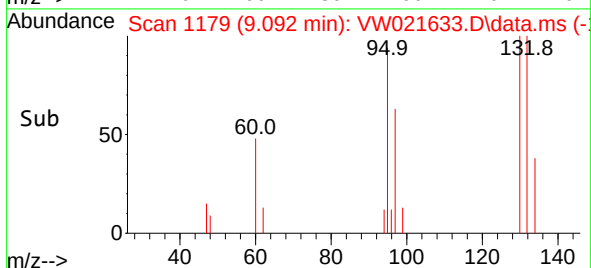


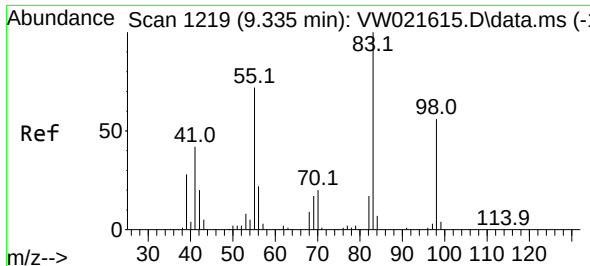
#34
Trichloroethene
Concen: 1.155 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW021633.D
Acq: 23 Dec 2021 23:52



Tgt Ion: 95 Resp: 1192

Ion	Ratio	Lower	Upper
95	100		
97	67.3	47.0	87.2
132	106.3	65.5	121.6
130	106.4	69.4	128.8

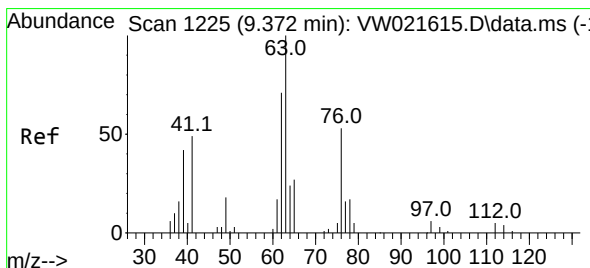
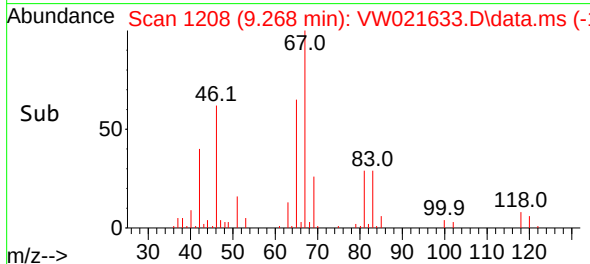
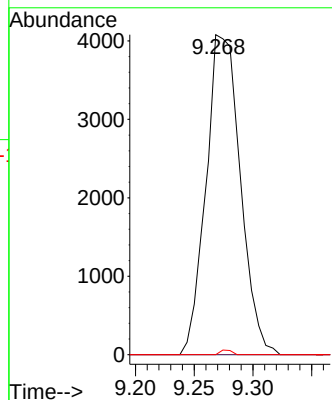
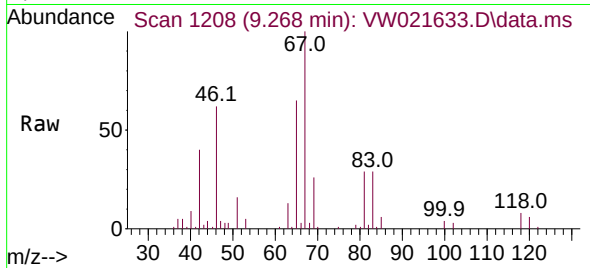




#35
Methylcyclohexane
Concen: 4.877 ug/L
RT: 9.268 min Scan# 11
Delta R.T. -0.067 min
Lab File: VW021633.D
Acq: 23 Dec 2021 23:52

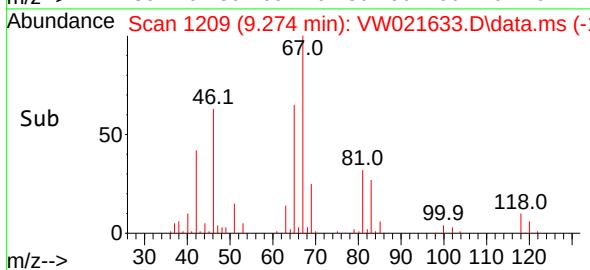
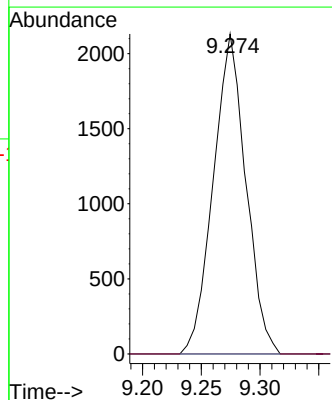
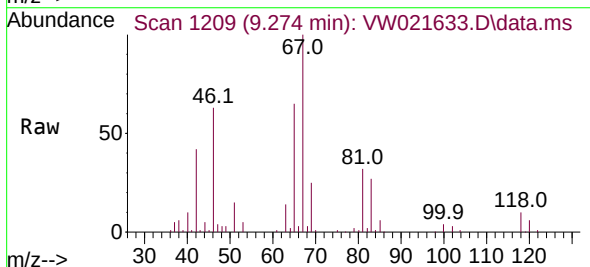
Instrument :
MSVOA_W
ClientSampleId :

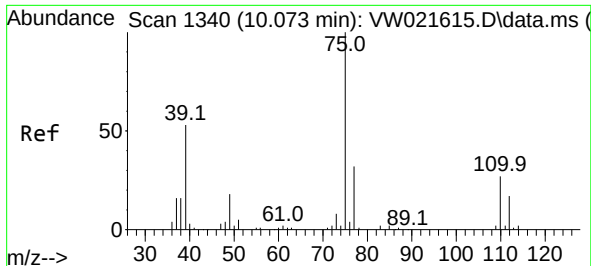
Tgt Ion: 83 Resp: 8302
Ion Ratio Lower Upper
83 100
55 0.0 70.8 106.2#
98 0.5 37.7 56.5#



#37
1,2-Dichloropropane
Concen: 5.005 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.098 min
Lab File: VW021633.D
Acq: 23 Dec 2021 23:52

Tgt Ion: 63 Resp: 4104
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.695 ug/L

RT: 10.043 min Scan# 11

Delta R.T. -0.030 min

Lab File: VW021633.D

Acq: 23 Dec 2021 23:52

Instrument :

MSVOA_W

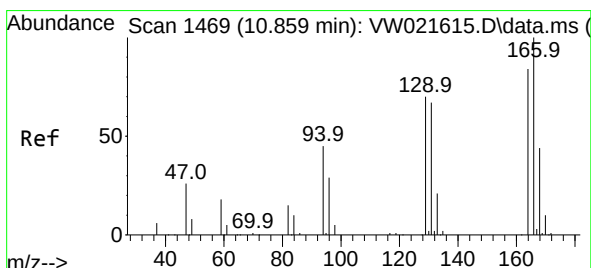
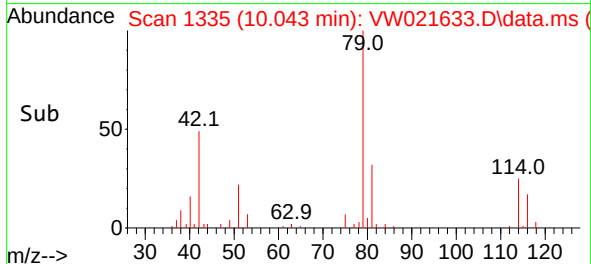
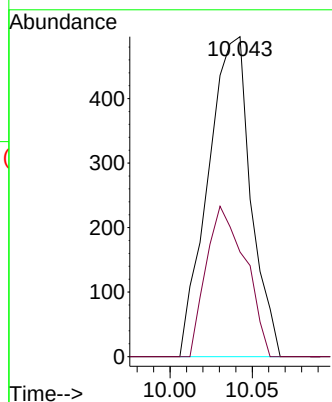
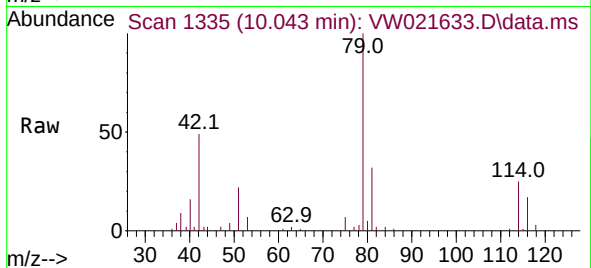
ClientSampleId :

Tgt Ion: 75 Resp: 898

Ion Ratio Lower Upper

75 100

77 32.7 21.8 40.6



#46

Tetrachloroethene

Concen: 5.479 ug/L

RT: 10.866 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VW021633.D

Acq: 23 Dec 2021 23:52

Tgt Ion:164 Resp: 5372

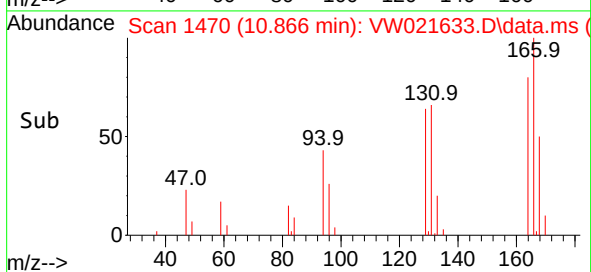
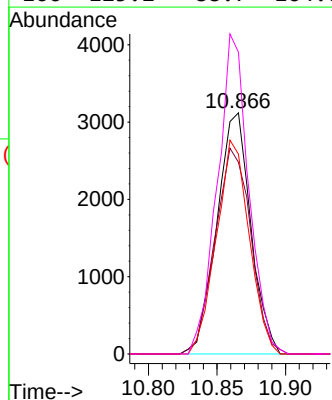
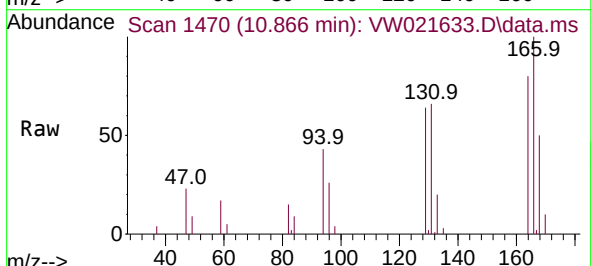
Ion Ratio Lower Upper

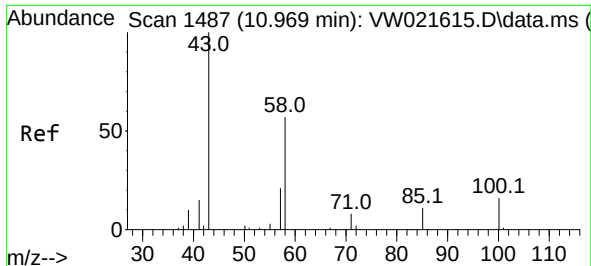
164 100

129 79.5 65.5 121.7

131 82.9 59.7 110.9

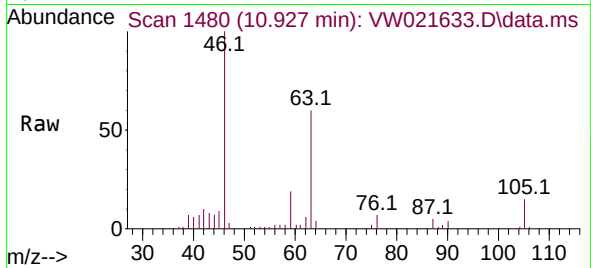
166 125.2 88.7 164.7



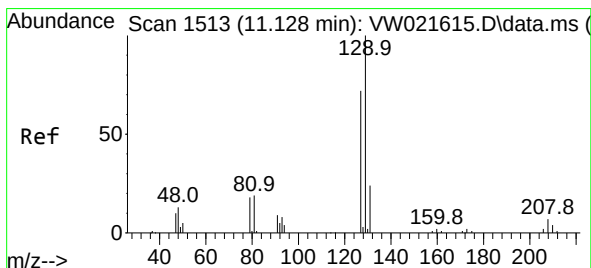
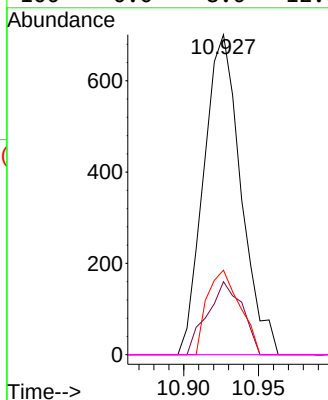
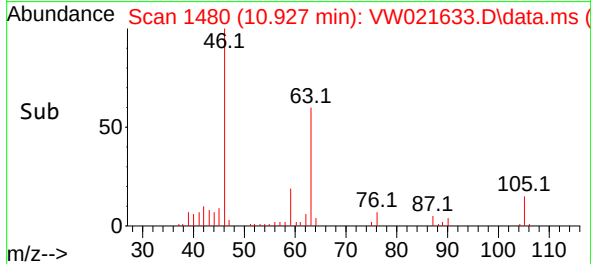


#48
2-Hexanone
Concen: 3.747 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.043 min
Lab File: VW021633.D
Acq: 23 Dec 2021 23:52

Instrument :
MSVOA_W
ClientSampleId :

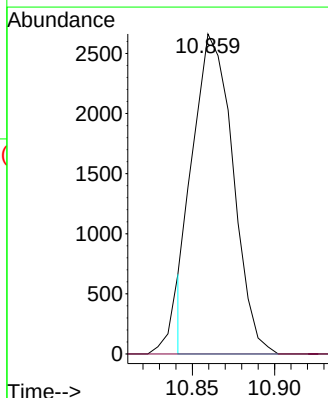
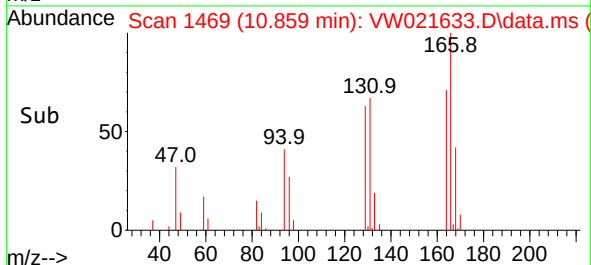
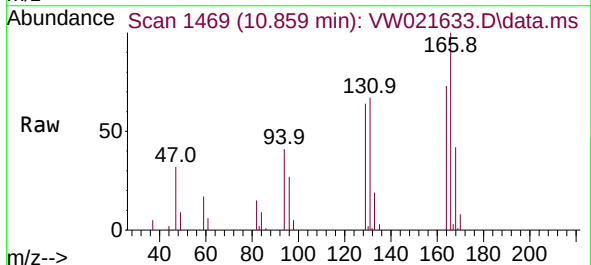


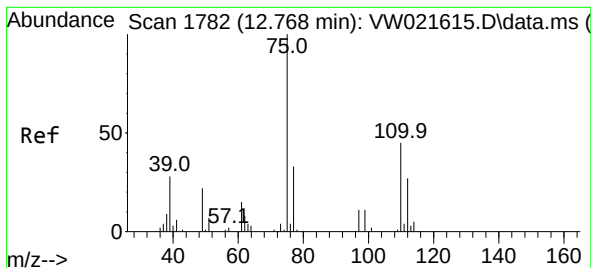
Tgt Ion: 43 Resp: 1214
Ion Ratio Lower Upper
43 100
58 21.4 40.2 60.2#
57 23.1 14.3 21.5#
100 0.0 8.0 12.0#



#49
Dibromochloromethane
Concen: 5.452 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.268 min
Lab File: VW021633.D
Acq: 23 Dec 2021 23:52

Tgt Ion: 129 Resp: 4511
Ion Ratio Lower Upper
129 100
127 0.0 55.7 103.5#





#61

1,2,3-Trichloropropane

Concen: 7.477 ug/L

RT: 13.554 min Scan# 1911

Delta R.T. 0.786 min

Lab File: VW021633.D

Acq: 23 Dec 2021 23:52

Instrument :

MSVOA_W

ClientSampleId :

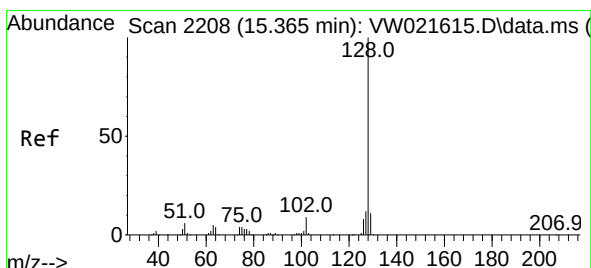
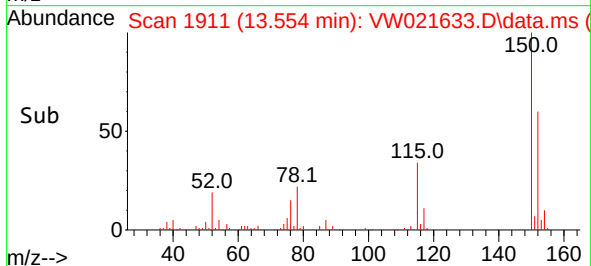
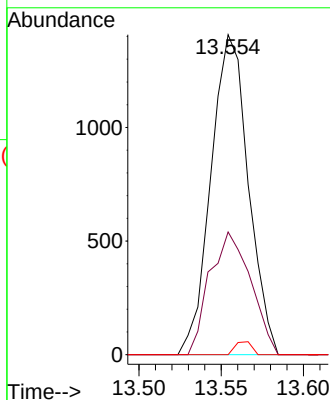
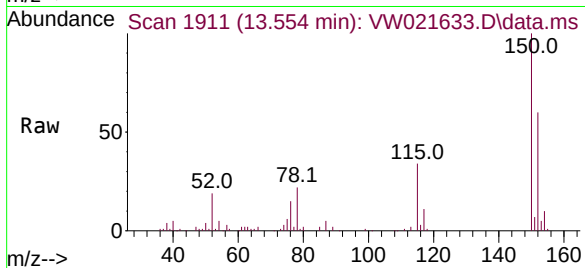
Tgt Ion: 75 Resp: 2228

Ion Ratio Lower Upper

75 100

77 42.0 25.8 38.8#

110 1.8 29.0 43.4#



#71

Naphthalene

Concen: 3.289 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. -0.006 min

Lab File: VW021633.D

Acq: 23 Dec 2021 23:52

Tgt Ion: 128 Resp: 4215

Ion Ratio Lower Upper

128 100

127 14.1 10.7 16.1

129 11.5 8.6 12.8

