

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121621\
 Data File : VW021409.D
 Acq On : 16 Dec 2021 12:25
 Operator : SY/VA
 Sample : M5102-01
 Misc : 6.62g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 17 01:00:01 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)

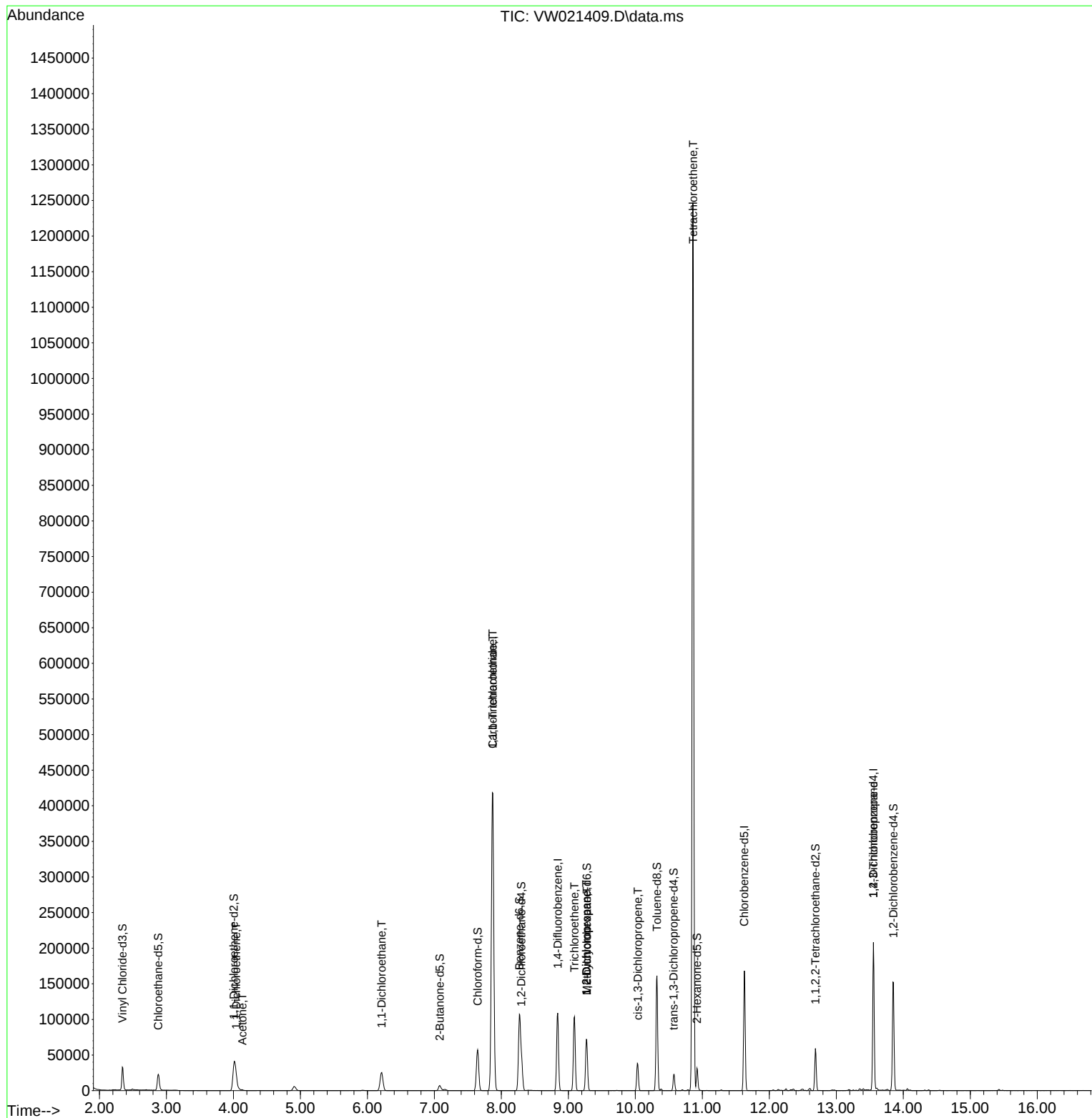
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	94999	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	93135	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	52865	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	32141	18.577	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.320%
7) Chloroethane-d5	2.879	69	27600	24.130	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.520%
11) 1,1-Dichloroethene-d2	4.007	63	38465	16.676	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.720%
21) 2-Butanone-d5	7.080	46	12443	51.020	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.040%
24) Chloroform-d	7.647	84	58856	22.232	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.920%
26) 1,2-Dichloroethane-d4	8.299	65	31369	22.275	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.120%
32) Benzene-d6	8.268	84	110224	21.591	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.360%
36) 1,2-Dichloropropane-d6	9.274	67	31826	23.246	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.000%
41) Toluene-d8	10.323	98	107249	20.561	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	82.240%
43) trans-1,3-Dichloroprop...	10.573	79	12432	19.721	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.880%
47) 2-Hexanone-d5	10.920	63	10237	50.564	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.120%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	26215	22.274	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.080%
66) 1,2-Dichlorobenzene-d4	13.853	152	41333	20.174	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.680%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.044	96	10361	8.799	ug/L	77
13) Acetone	4.135	43	1567	7.167	ug/L	94
19) 1,1-Dichloroethane	6.214	63	35238	17.613	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	340711	163.044	ug/L	94
31) Carbon tetrachloride	7.872	117	43854	22.749	ug/L	97
34) Trichloroethene	9.091	95	34613	24.303	ug/L	87
35) Methylcyclohexane	9.274	83	8423	3.585	ug/L #	14
37) 1,2-Dichloropropane	9.268	63	3987	3.523	ug/L #	88
39) cis-1,3-Dichloropropene	10.036	75	1156	0.648	ug/L	97
46) Tetrachloroethene	10.866	164	272396	201.334	ug/L	93
61) 1,2,3-Trichloropropane	13.554	75	5820	7.564	ug/L #	68

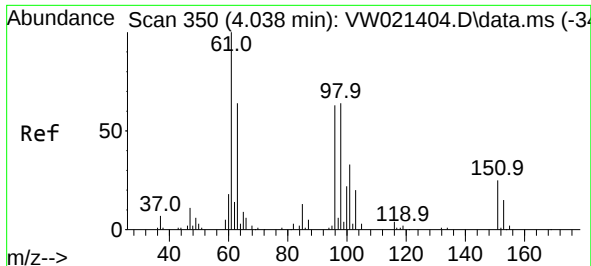
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

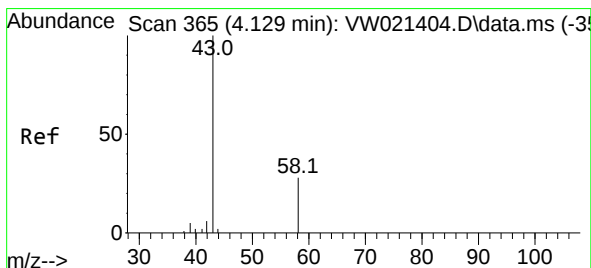
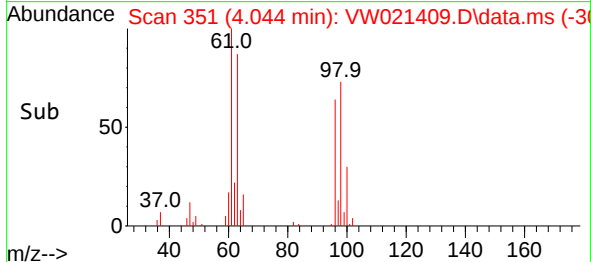
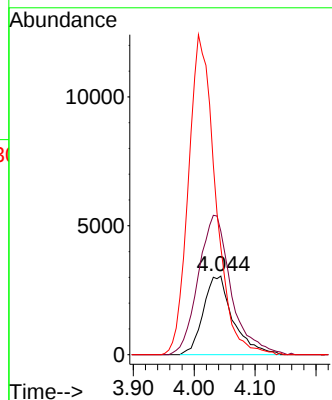
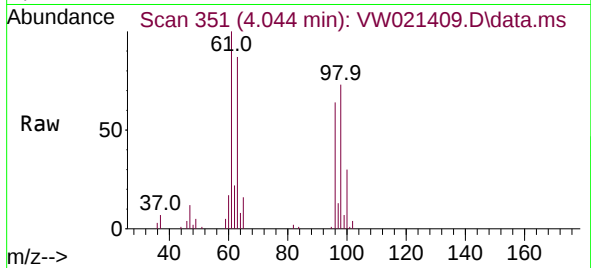




#12
1,1-Dichloroethene
Concen: 8.799 ug/L
RT: 4.044 min Scan# 351
Delta R.T. 0.006 min
Lab File: VW021409.D
Acq: 16 Dec 2021 12:25

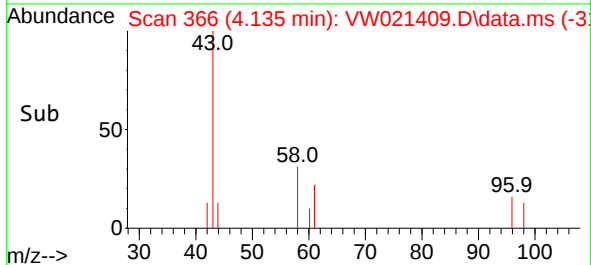
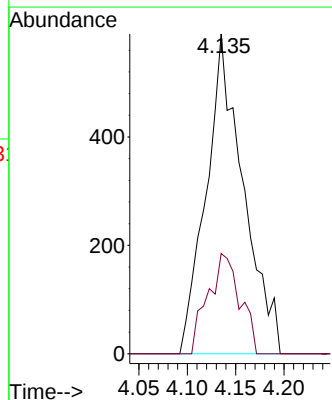
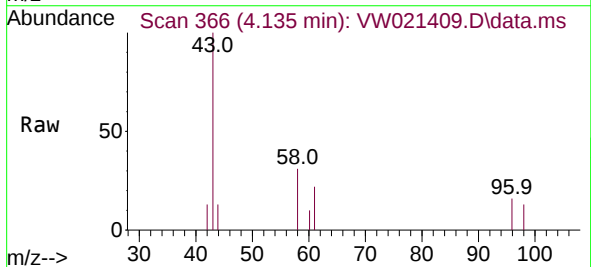
Instrument :
MSVOA_W
ClientSampleId :

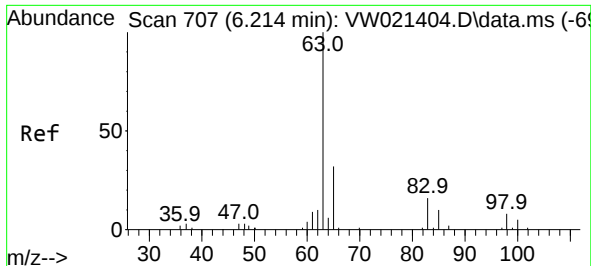
Tgt Ion: 96 Resp: 10361
Ion Ratio Lower Upper
96 100
61 157.2 138.3 256.9
63 136.8 82.6 153.4



#13
Acetone
Concen: 7.167 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.006 min
Lab File: VW021409.D
Acq: 16 Dec 2021 12:25

Tgt Ion: 43 Resp: 1567
Ion Ratio Lower Upper
43 100
58 23.2 0.0 52.8





#19

1,1-Dichloroethane

Concen: 17.613 ug/L

RT: 6.214 min Scan# 707

Delta R.T. -0.000 min

Lab File: VW021409.D

Acq: 16 Dec 2021 12:25

Instrument :

MSVOA_W

ClientSampleId :

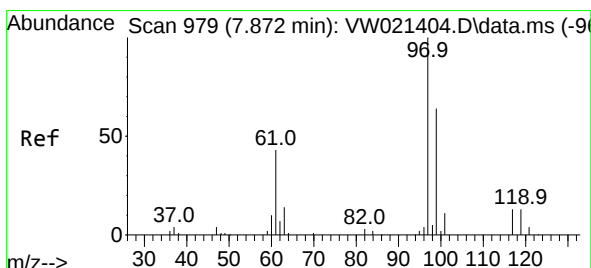
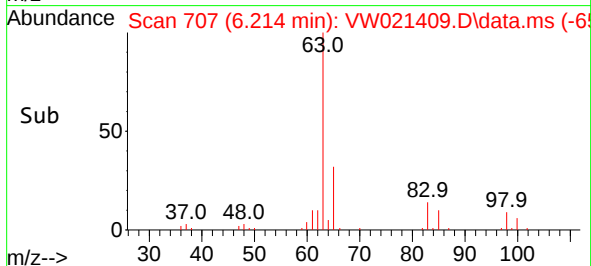
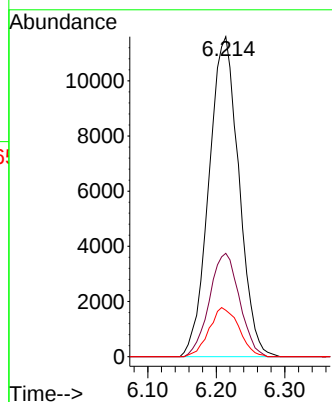
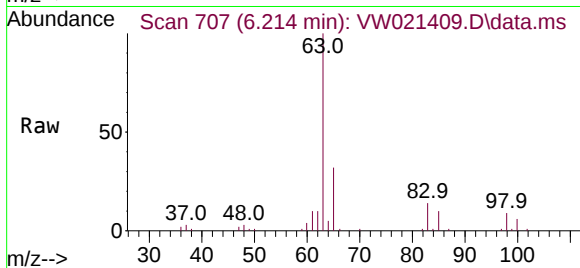
Tgt Ion: 63 Resp: 35238

Ion Ratio Lower Upper

63 100

65 32.3 22.1 41.1

83 14.5 9.2 17.2



#30

1,1,1-Trichloroethane

Concen: 163.044 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW021409.D

Acq: 16 Dec 2021 12:25

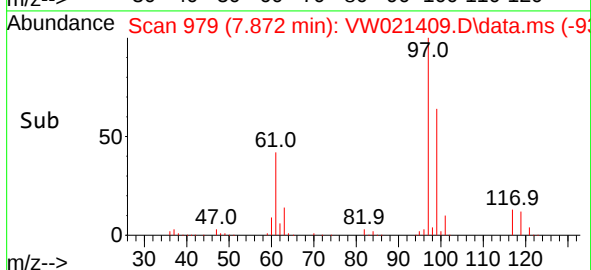
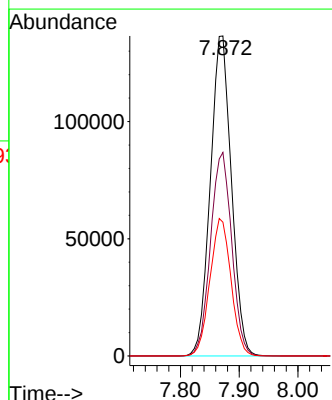
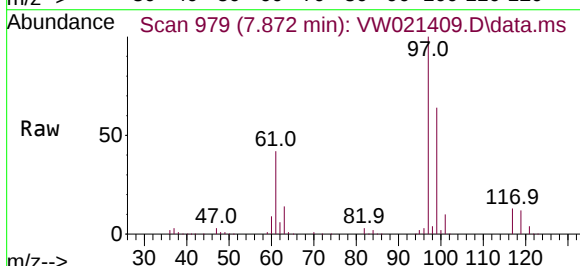
Tgt Ion: 97 Resp: 340711

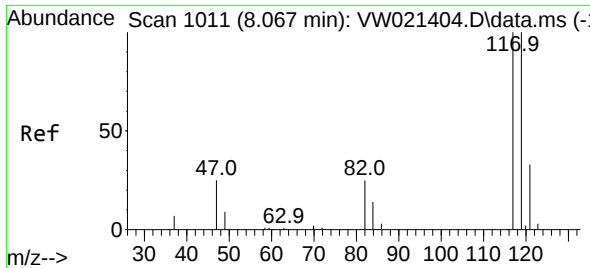
Ion Ratio Lower Upper

97 100

99 64.0 51.6 77.4

61 42.9 40.9 61.3

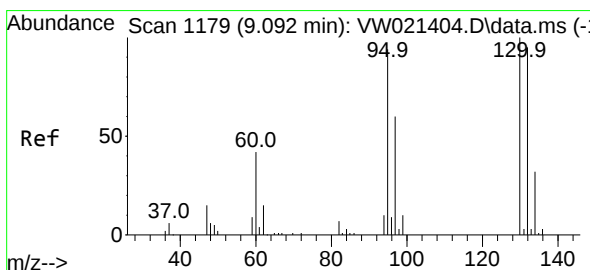
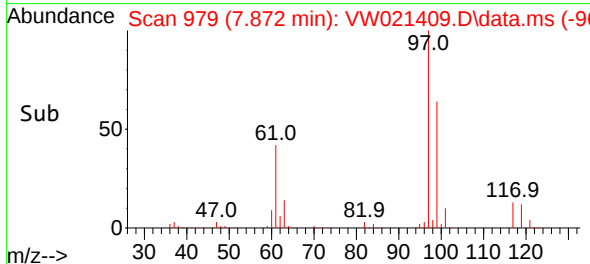
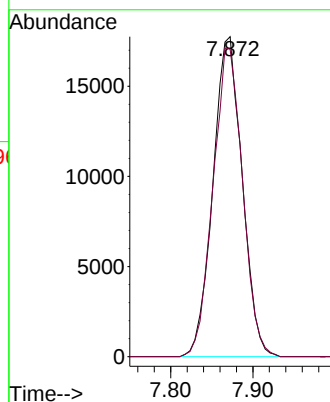
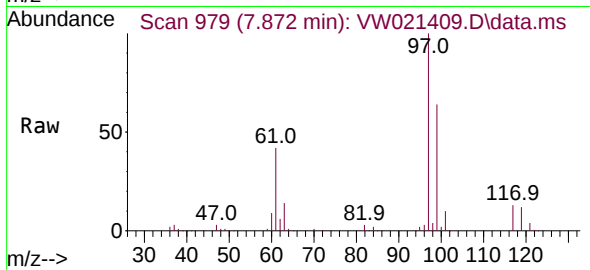




#31
Carbon tetrachloride
Concen: 22.749 ug/L
RT: 7.872 min Scan# 91
Delta R.T. -0.195 min
Lab File: VW021409.D
Acq: 16 Dec 2021 12:25

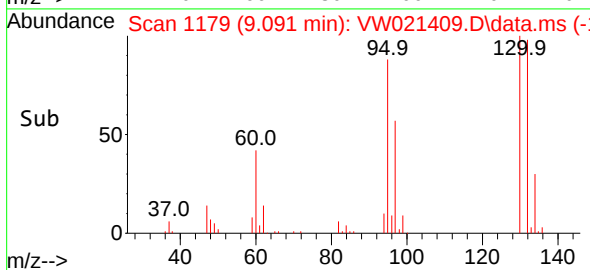
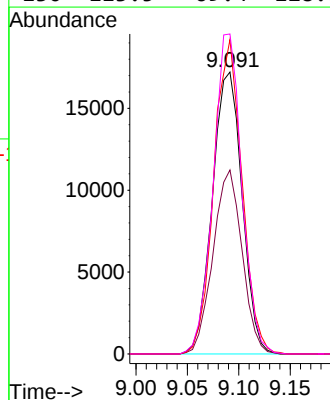
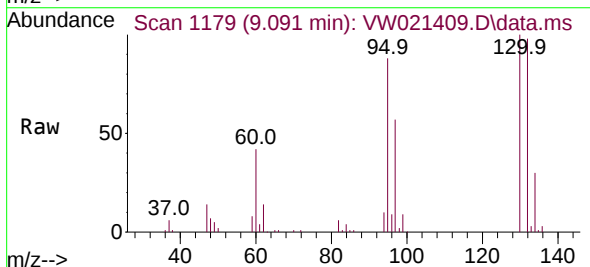
Instrument :
MSVOA_W
ClientSampleId :

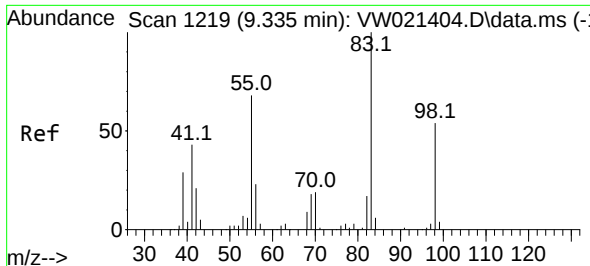
Tgt Ion:117 Resp: 43854
Ion Ratio Lower Upper
117 100
119 97.7 75.7 113.5



#34
Trichloroethene
Concen: 24.303 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW021409.D
Acq: 16 Dec 2021 12:25

Tgt Ion: 95 Resp: 34613
Ion Ratio Lower Upper
95 100
97 65.3 47.0 87.2
132 111.5 65.5 121.6
130 113.5 69.4 128.8

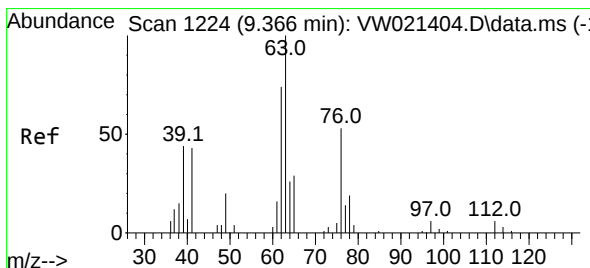
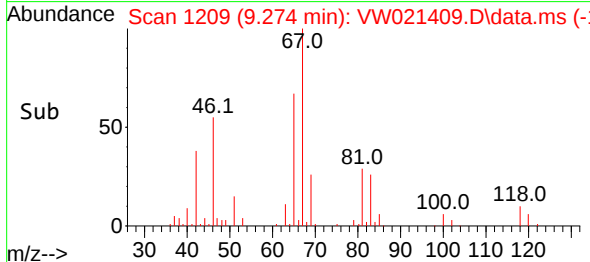
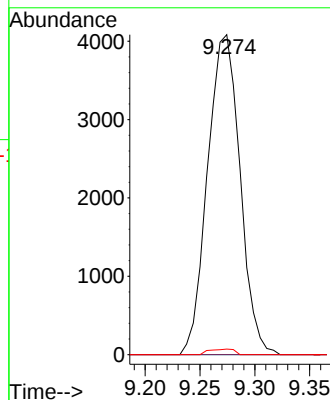
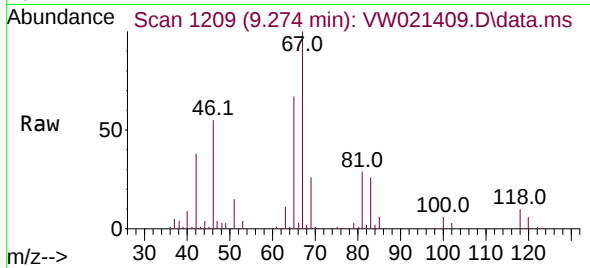




#35
Methylcyclohexane
Concen: 3.585 ug/L
RT: 9.274 min Scan# 11
Delta R.T. -0.061 min
Lab File: VW021409.D
Acq: 16 Dec 2021 12:25

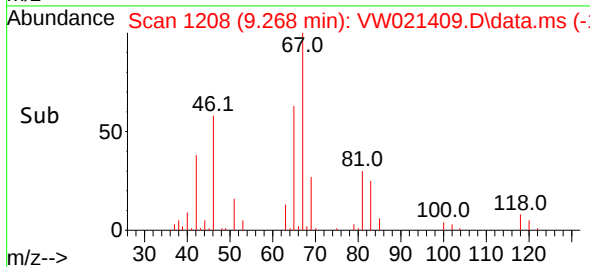
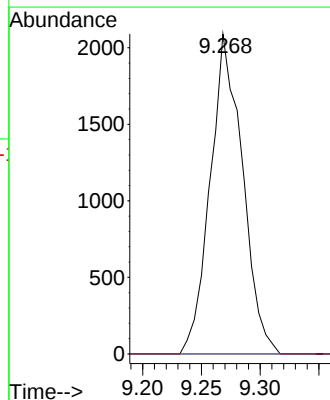
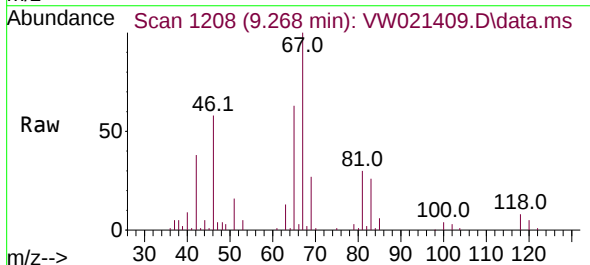
Instrument :
MSVOA_W
ClientSampleId :

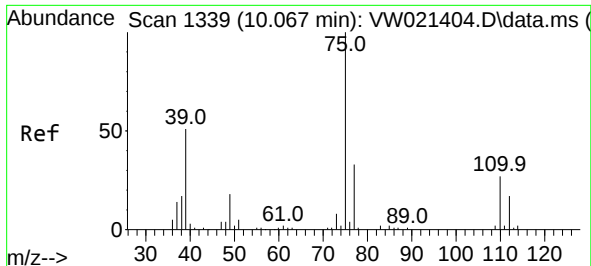
Tgt Ion: 83 Resp: 8423
Ion Ratio Lower Upper
83 100
55 0.0 70.8 106.2#
98 1.3 37.7 56.5#



#37
1,2-Dichloropropane
Concen: 3.523 ug/L
RT: 9.268 min Scan# 1208
Delta R.T. -0.098 min
Lab File: VW021409.D
Acq: 16 Dec 2021 12:25

Tgt Ion: 63 Resp: 3987
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.648 ug/L

RT: 10.036 min Scan# 11

Delta R.T. -0.031 min

Lab File: VW021409.D

Acq: 16 Dec 2021 12:25

Instrument :

MSVOA_W

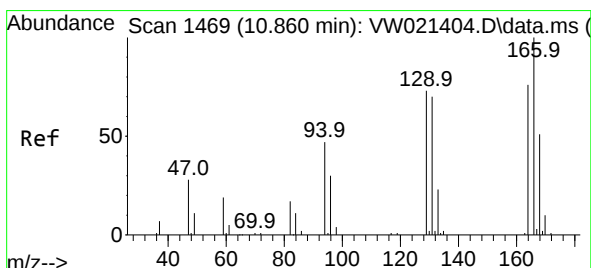
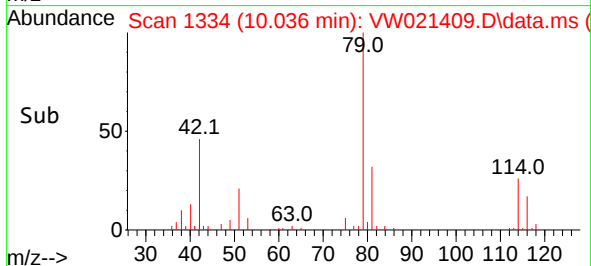
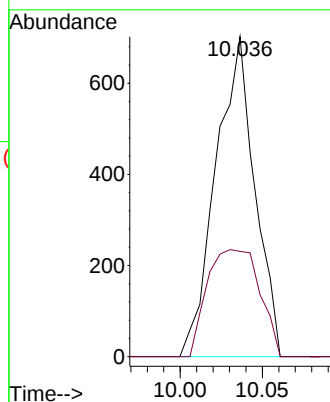
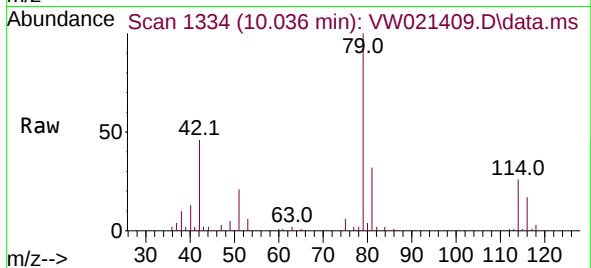
ClientSampleId :

Tgt Ion: 75 Resp: 1156

Ion Ratio Lower Upper

75 100

77 32.9 21.8 40.6



#46

Tetrachloroethene

Concen: 201.334 ug/L

RT: 10.866 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VW021409.D

Acq: 16 Dec 2021 12:25

Tgt Ion:164 Resp: 272396

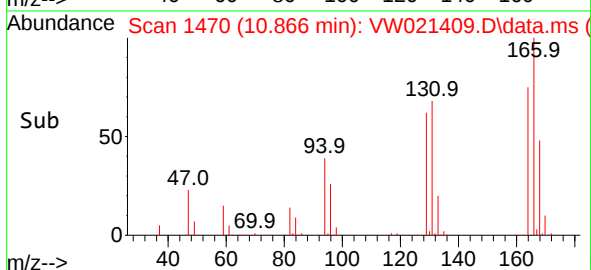
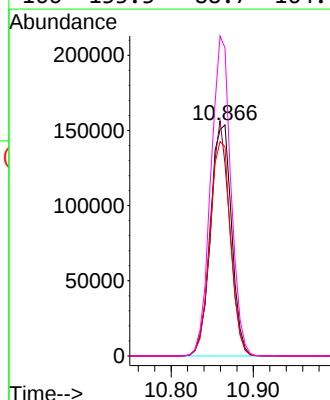
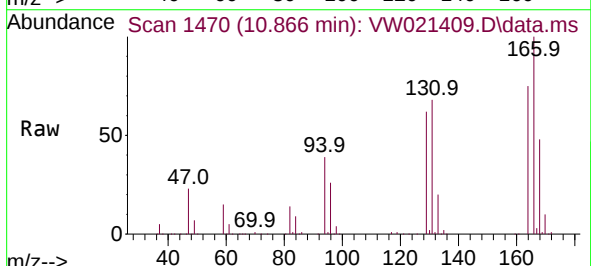
Ion Ratio Lower Upper

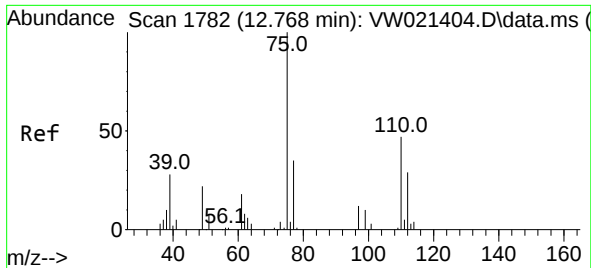
164 100

129 83.2 65.5 121.7

131 90.5 59.7 110.9

166 133.3 88.7 164.7





#61

1,2,3-Trichloropropane

Concen: 7.564 ug/L

RT: 13.554 min Scan# 1911

Delta R.T. 0.786 min

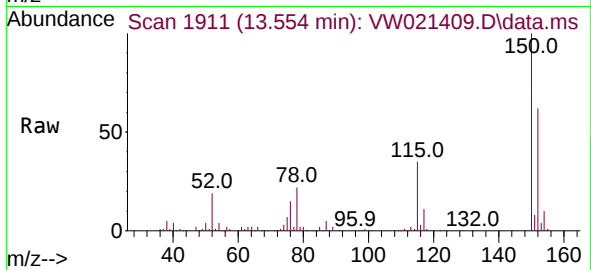
Lab File: VW021409.D

Acq: 16 Dec 2021 12:25

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 75	Resp:	5820
Ion Ratio	Lower	Upper
75	100	
77	35.8	25.8 38.8
110	4.3	29.0 43.4#

