

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121621\
 Data File : VW021412.D
 Acq On : 16 Dec 2021 14:05
 Operator : SY/VA
 Sample : M5101-04RE
 Misc : 6.62g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 17 01:00:38 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)

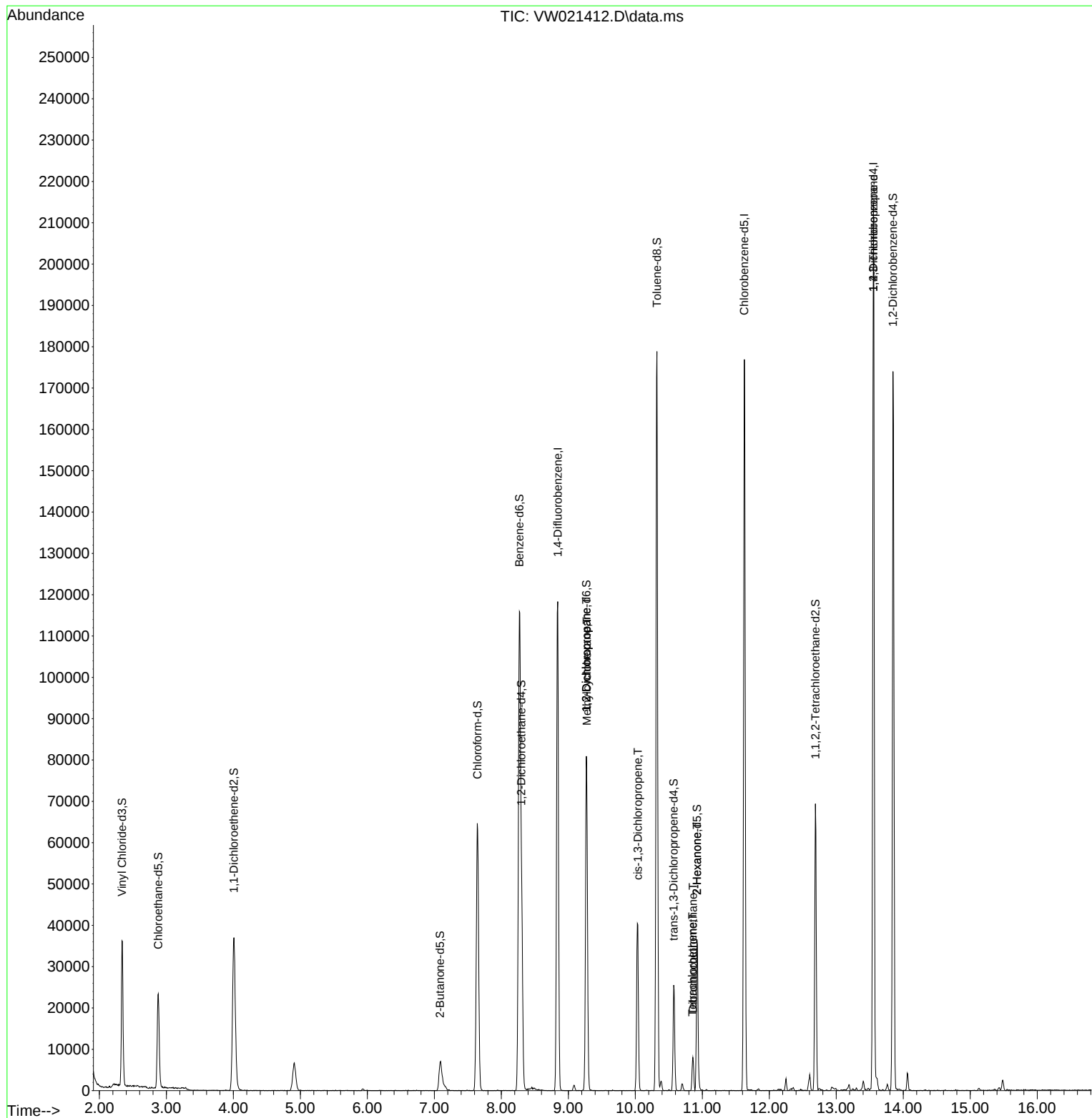
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	103894	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	99783	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	56205	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.337	65	35519	18.771	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.080%
7) Chloroethane-d5	2.879	69	27032	21.610	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.440%
11) 1,1-Dichloroethene-d2	4.007	63	35135	13.928	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.720%
21) 2-Butanone-d5	7.086	46	13972	52.384	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.760%
24) Chloroform-d	7.641	84	64478	22.270	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.080%
26) 1,2-Dichloroethane-d4	8.299	65	35032	22.747	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.000%
32) Benzene-d6	8.269	84	119462	21.842	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.360%
36) 1,2-Dichloropropane-d6	9.268	67	33942	23.140	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.560%
41) Toluene-d8	10.323	98	117980	21.112	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.440%
43) trans-1,3-Dichloroprop...	10.573	79	13449	19.913	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.640%
47) 2-Hexanone-d5	10.921	63	12339	56.886	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.780%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	31711	25.148	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.600%
66) 1,2-Dichlorobenzene-d4	13.847	152	47312	21.720	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.880%
Target Compounds						
					Qvalue	
35) Methylcyclohexane	9.275	83	9546	3.793	ug/L	# 14
37) 1,2-Dichloropropane	9.268	63	4353	3.590	ug/L	# 88
39) cis-1,3-Dichloropropene	10.037	75	1232	0.645	ug/L	# 81
46) Tetrachloroethene	10.854	164	1938	1.337	ug/L	96
48) 2-Hexanone	10.921	43	1534	3.202	ug/L	# 64
49) Dibromochloromethane	10.860	129	1644	1.344	ug/L	# 10
61) 1,2,3-Trichloropropane	13.554	75	6121	7.483	ug/L	# 65

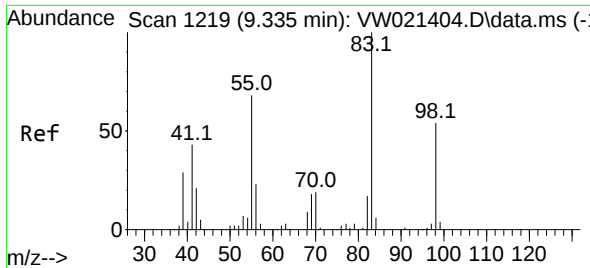
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

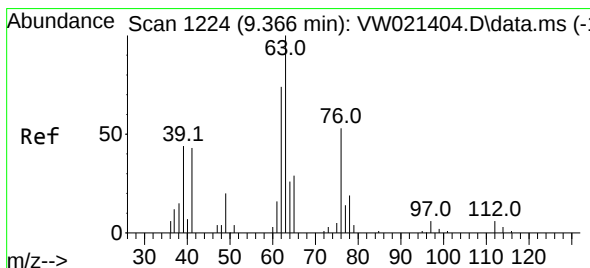
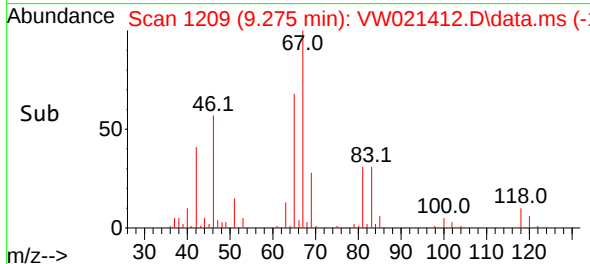
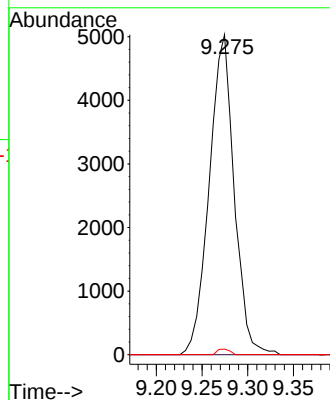
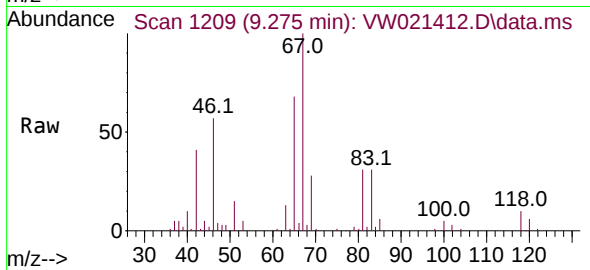




#35
Methylcyclohexane
Concen: 3.793 ug/L
RT: 9.275 min Scan# 11
Delta R.T. -0.061 min
Lab File: VW021412.D
Acq: 16 Dec 2021 14:05

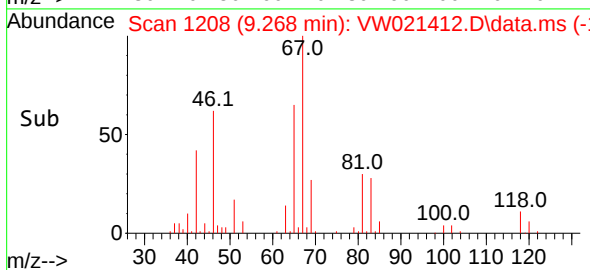
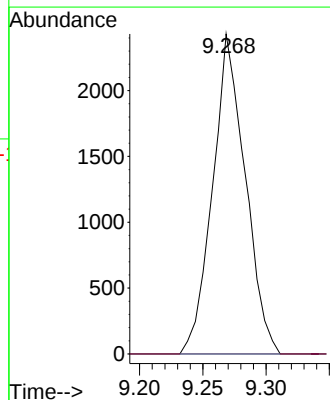
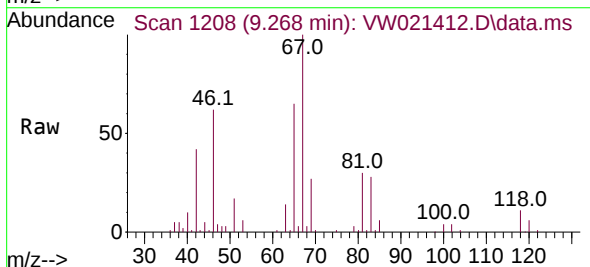
Instrument :
MSVOA_W
ClientSampleId :

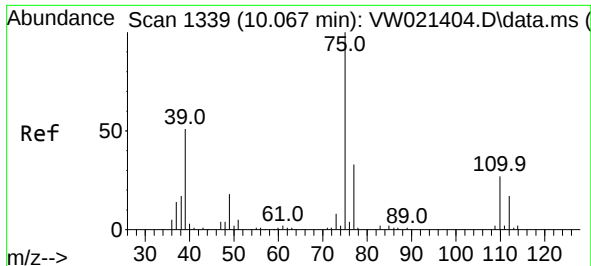
Tgt Ion: 83 Resp: 9546
Ion Ratio Lower Upper
83 100
55 0.0 70.8 106.2#
98 0.9 37.7 56.5#



#37
1,2-Dichloropropane
Concen: 3.590 ug/L
RT: 9.268 min Scan# 1208
Delta R.T. -0.097 min
Lab File: VW021412.D
Acq: 16 Dec 2021 14:05

Tgt Ion: 63 Resp: 4353
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.645 ug/L

RT: 10.037 min Scan# 11

Delta R.T. -0.030 min

Lab File: VW021412.D

Acq: 16 Dec 2021 14:05

Instrument :

MSVOA_W

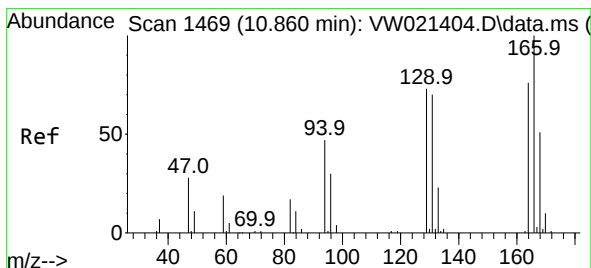
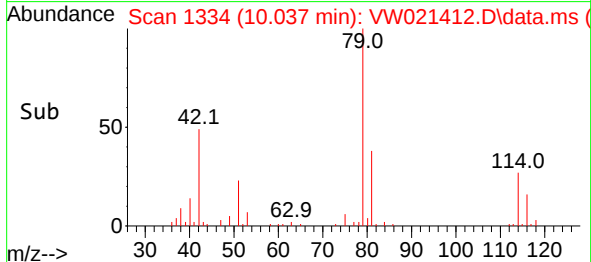
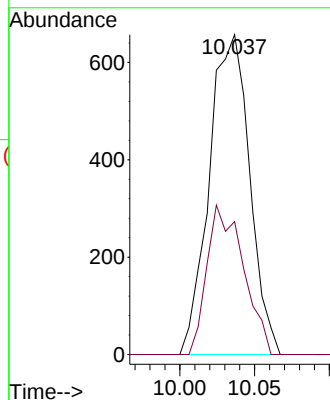
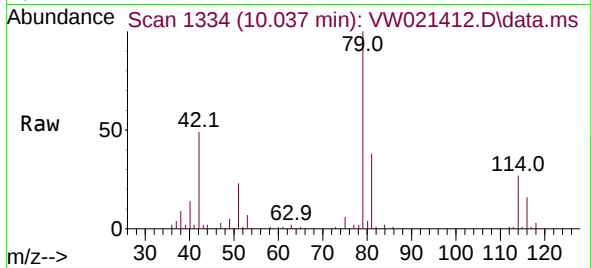
ClientSampleId :

Tgt Ion: 75 Resp: 1232

Ion Ratio Lower Upper

75 100

77 41.6 21.8 40.6#



#46

Tetrachloroethene

Concen: 1.337 ug/L

RT: 10.854 min Scan# 1468

Delta R.T. -0.006 min

Lab File: VW021412.D

Acq: 16 Dec 2021 14:05

Tgt Ion:164 Resp: 1938

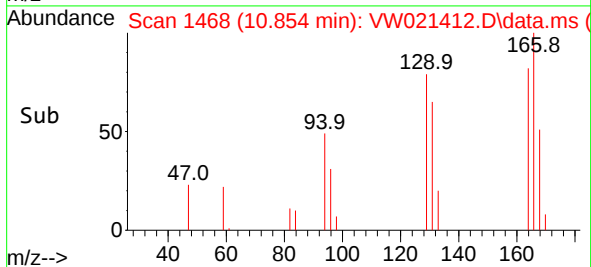
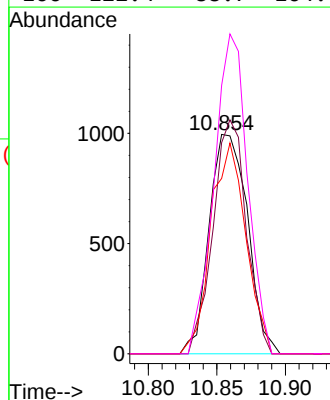
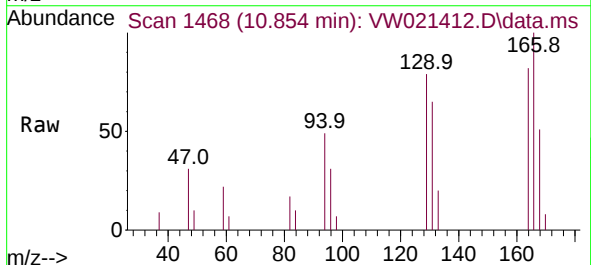
Ion Ratio Lower Upper

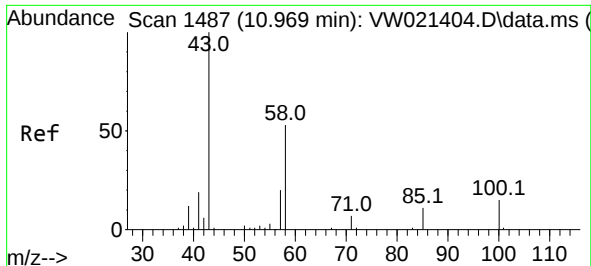
164 100

129 96.3 65.5 121.7

131 80.0 59.7 110.9

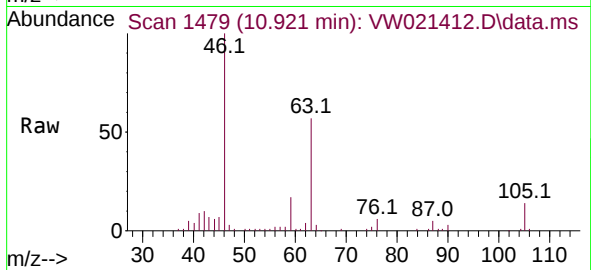
166 122.4 88.7 164.7



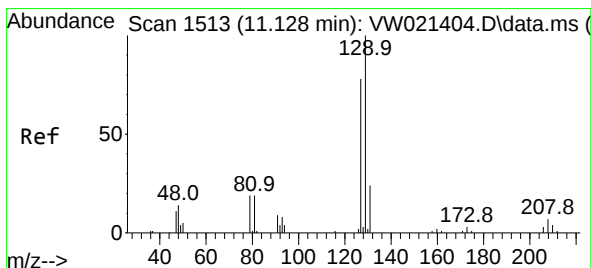
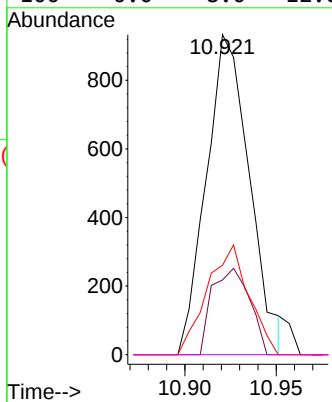
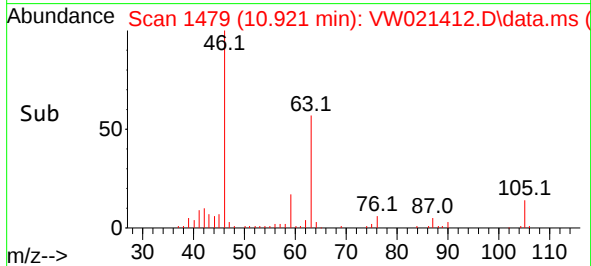


#48
2-Hexanone
Concen: 3.202 ug/L
RT: 10.921 min Scan# 1487
Delta R.T. -0.049 min
Lab File: VW021412.D
Acq: 16 Dec 2021 14:05

Instrument :
MSVOA_W
ClientSampleId :

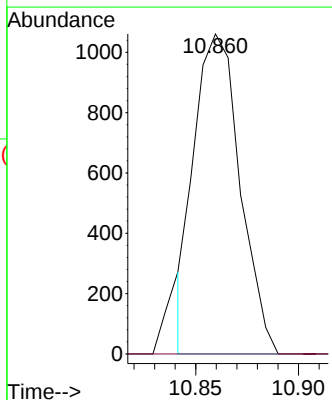
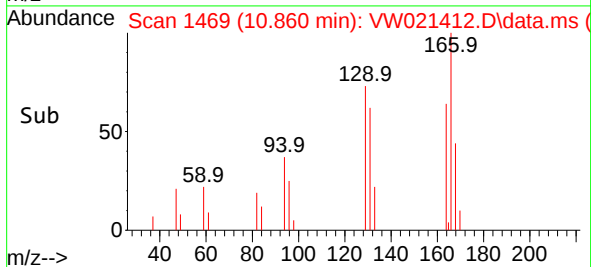
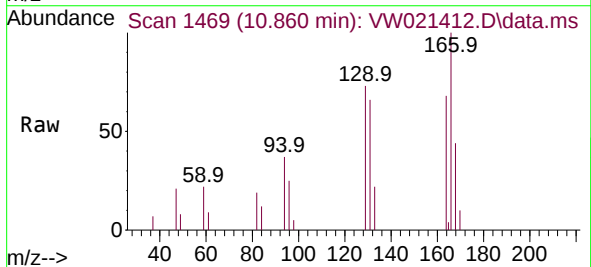


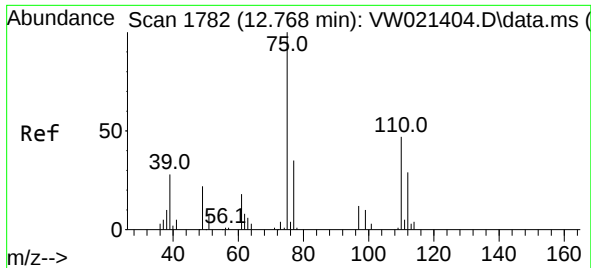
Tgt Ion: 43 Resp: 1534
Ion Ratio Lower Upper
43 100
58 23.5 40.2 60.2#
57 33.2 14.3 21.5#
100 0.0 8.0 12.0#



#49
Dibromochloromethane
Concen: 1.344 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.268 min
Lab File: VW021412.D
Acq: 16 Dec 2021 14:05

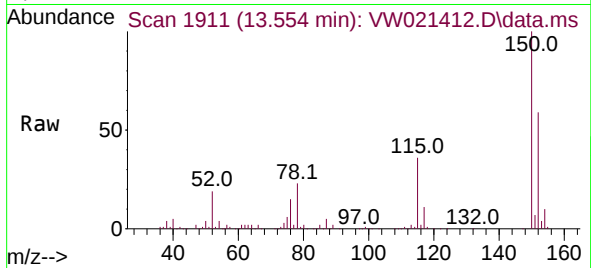
Tgt Ion:129 Resp: 1644
Ion Ratio Lower Upper
129 100
127 0.0 55.7 103.5#





#61
 1,2,3-Trichloropropane
 Concen: 7.483 ug/L
 RT: 13.554 min Scan# 1911
 Delta R.T. 0.787 min
 Lab File: VW021412.D
 Acq: 16 Dec 2021 14:05

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	75	Resp:	6121
Ion	Ratio	Lower	Upper
75	100		
77	38.4	25.8	38.8
110	2.8	29.0	43.4#

