

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120921\
 Data File : VW021262.D
 Acq On : 09 Dec 2021 23:47
 Operator : SY/VA
 Sample : M4975-03
 Misc : 6.19g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 10 00:34:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 10 00:28:10 2021
 Response via : Initial Calibration

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

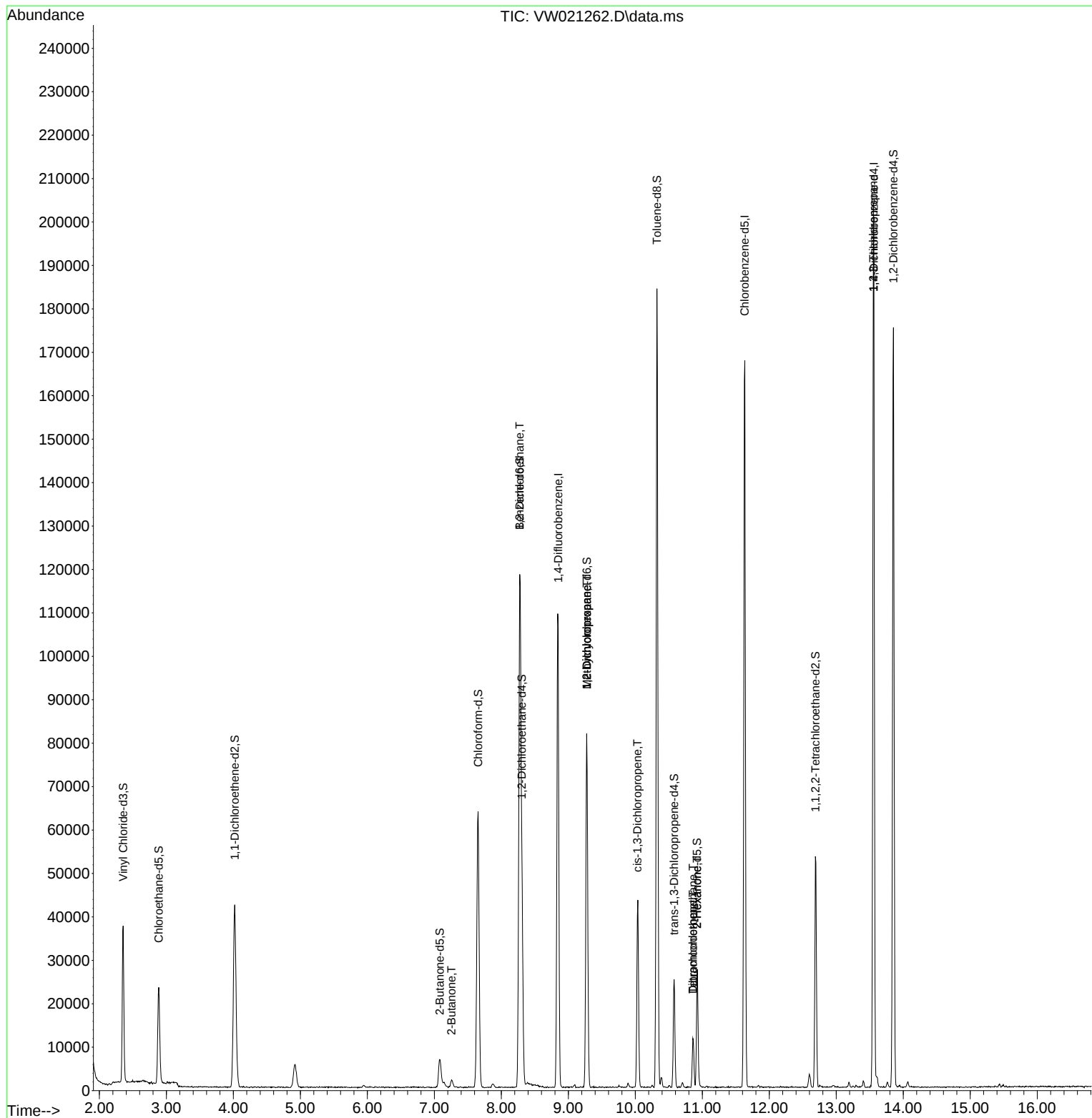
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	94859	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	94449	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	54846	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	34596	20.025	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	80.120%		
7) Chloroethane-d5	2.885	69	25463	22.295	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	89.160%		
11) 1,1-Dichloroethene-d2	4.019	63	38357	16.653	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	66.600%		
21) 2-Butanone-d5	7.080	46	11422	46.902	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	93.800%		
24) Chloroform-d	7.653	84	62184	23.523	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	94.080%		
26) 1,2-Dichloroethane-d4	8.305	65	32337	22.997	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	92.000%		
32) Benzene-d6	8.275	84	120186	23.215	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	92.840%		
36) 1,2-Dichloropropane-d6	9.275	67	33479	24.113	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	96.440%		
41) Toluene-d8	10.323	98	118630	22.427	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	89.720%		
43) trans-1,3-Dichloroprop...	10.579	79	13190	20.632	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	82.520%		
47) 2-Hexanone-d5	10.921	63	9043	44.045	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	88.100%		
56) 1,1,2,2-Tetrachloroeth...	12.689	84	24941	20.896	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	83.600%		
66) 1,2-Dichlorobenzene-d4	13.853	152	47082	22.150	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	88.600%		
Target Compounds					Qvalue	
22) 2-Butanone	7.257	43	2639	9.256	ug/L #	52
27) 1,2-Dichloroethane	8.275	62	801	0.545	ug/L #	77
35) Methylcyclohexane	9.275	83	8869	3.723	ug/L #	14
37) 1,2-Dichloropropane	9.275	63	4377	3.814	ug/L #	88
39) cis-1,3-Dichloropropene	10.031	75	1222	0.675	ug/L #	69
46) Tetrachloroethene	10.860	164	2691	1.961	ug/L	92
48) 2-Hexanone	10.921	43	1211	2.670	ug/L #	70
49) Dibromochloromethane	10.860	129	2177	1.880	ug/L #	10
61) 1,2,3-Trichloropropane	13.554	75	6261	7.844	ug/L #	66

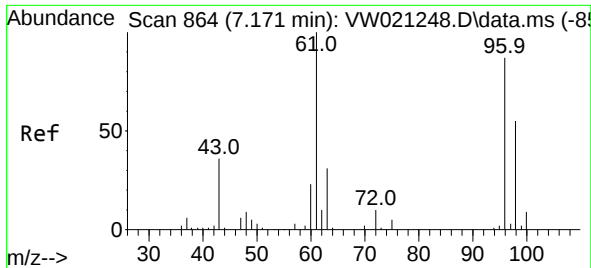
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_W
ClientSampleId :

Quant Time: Dec 10 00:34:59 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 10 00:28:10 2021
Response via : Initial Calibration

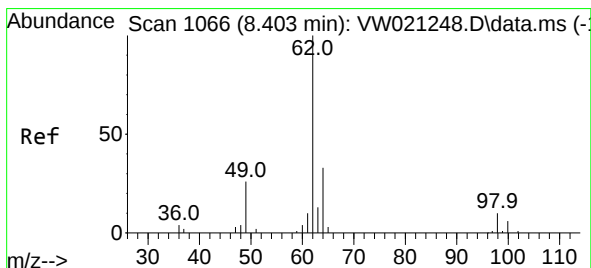
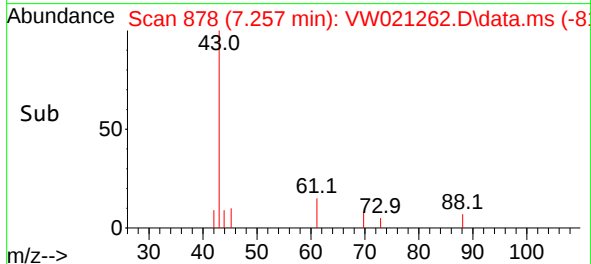
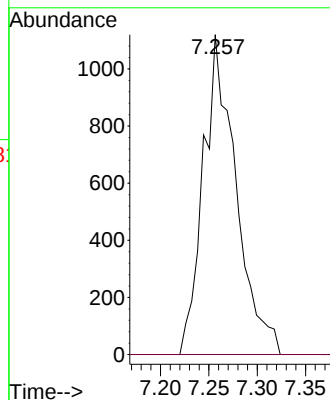
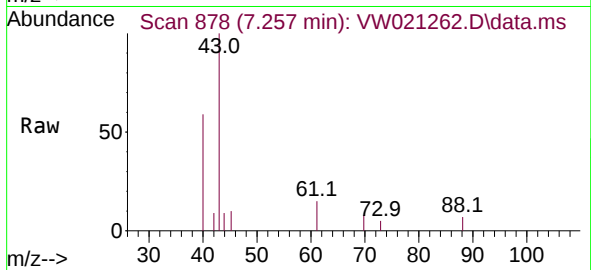




#22
2-Butanone
Concen: 9.256 ug/L
RT: 7.257 min Scan# 81
Delta R.T. 0.085 min
Lab File: VW021262.D
Acq: 09 Dec 2021 23:47

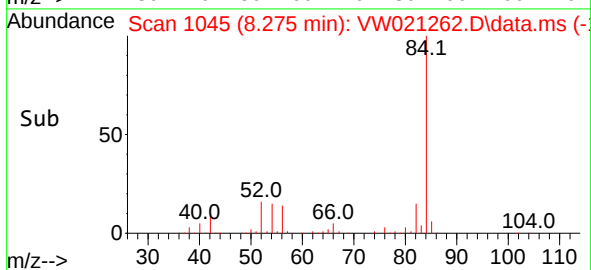
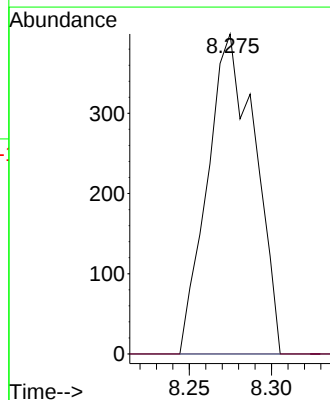
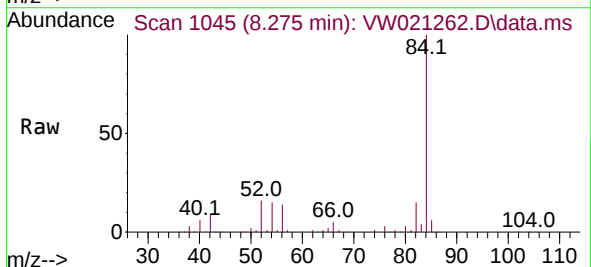
Instrument :
MSVOA_W
ClientSampleId :

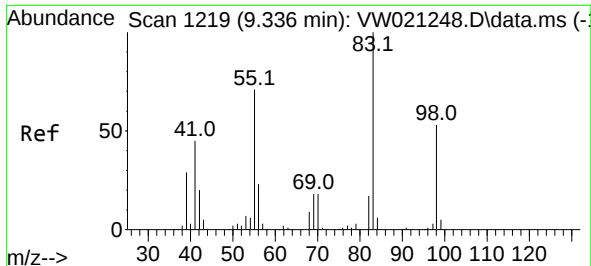
Tgt Ion: 43 Resp: 2639
Ion Ratio Lower Upper
43 100
72 0.0 11.8 35.4#



#27
1,2-Dichloroethane
Concen: 0.545 ug/L
RT: 8.275 min Scan# 1045
Delta R.T. -0.128 min
Lab File: VW021262.D
Acq: 09 Dec 2021 23:47

Tgt Ion: 62 Resp: 801
Ion Ratio Lower Upper
62 100
98 0.0 6.5 9.7#

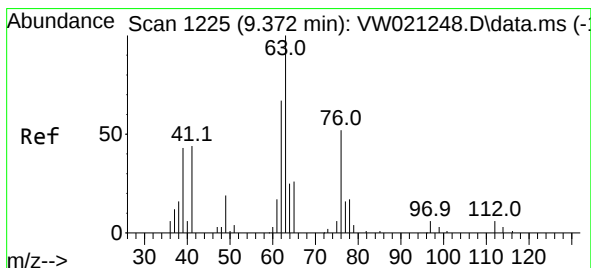
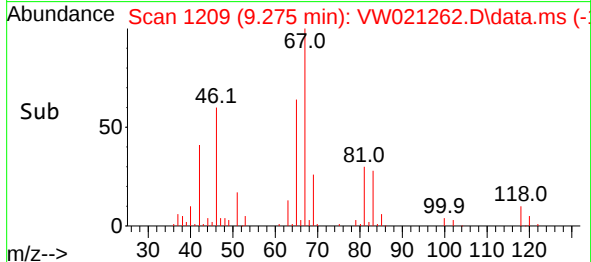
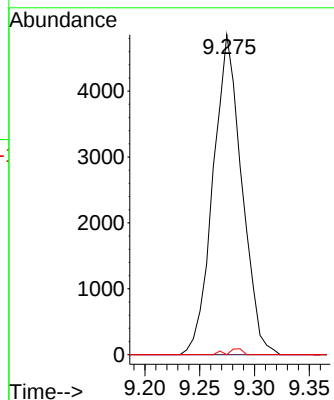
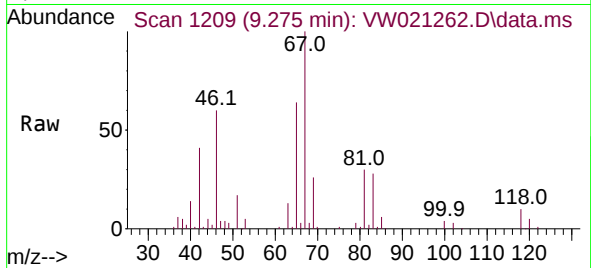




#35
Methylcyclohexane
Concen: 3.723 ug/L
RT: 9.275 min Scan# 11
Delta R.T. -0.061 min
Lab File: VW021262.D
Acq: 09 Dec 2021 23:47

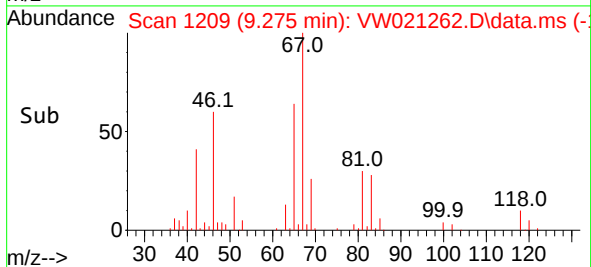
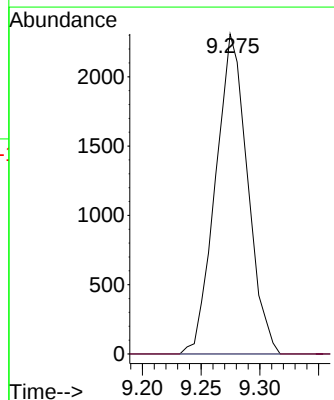
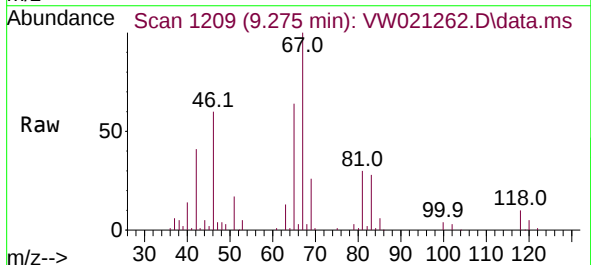
Instrument :
MSVOA_W
ClientSampleId :

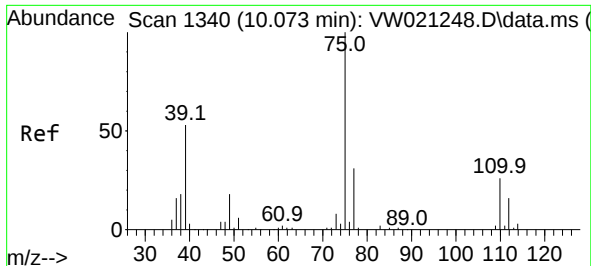
Tgt Ion: 83 Resp: 8869
Ion Ratio Lower Upper
83 100
55 0.0 70.8 106.2#
98 0.2 37.7 56.5#



#37
1,2-Dichloropropane
Concen: 3.814 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.098 min
Lab File: VW021262.D
Acq: 09 Dec 2021 23:47

Tgt Ion: 63 Resp: 4377
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.675 ug/L

RT: 10.031 min Scan# 1

Delta R.T. -0.043 min

Lab File: VW021262.D

Acq: 09 Dec 2021 23:47

Instrument :

MSVOA_W

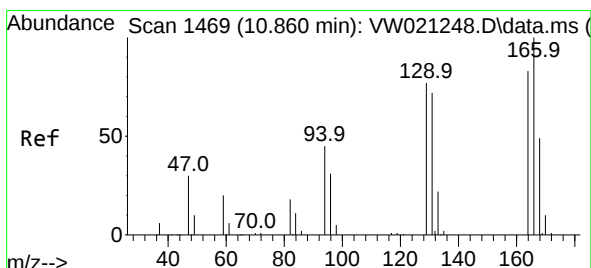
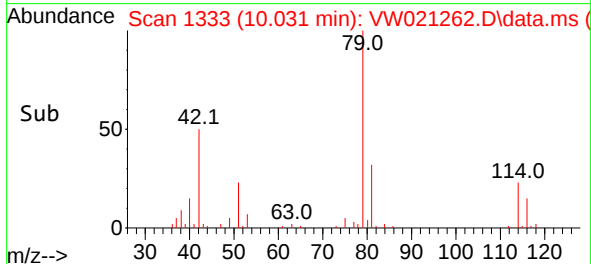
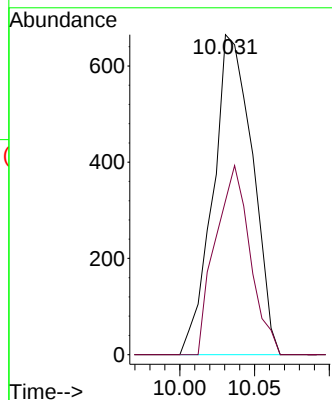
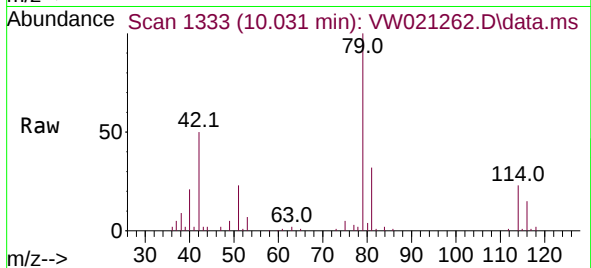
ClientSampleId :

Tgt Ion: 75 Resp: 1222

Ion Ratio Lower Upper

75 100

77 48.1 21.8 40.6#



#46

Tetrachloroethene

Concen: 1.961 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW021262.D

Acq: 09 Dec 2021 23:47

Tgt Ion:164 Resp: 2691

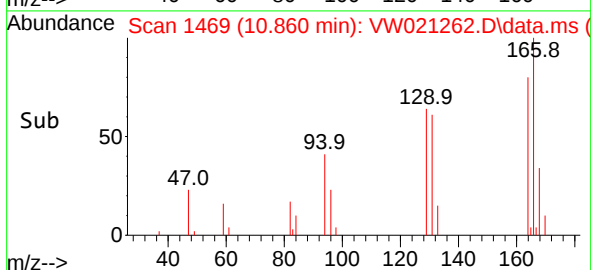
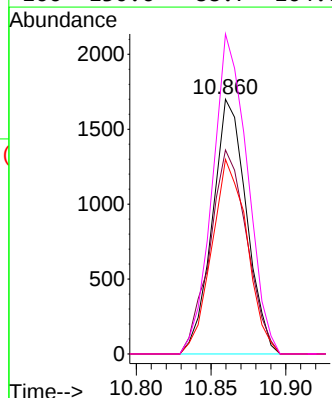
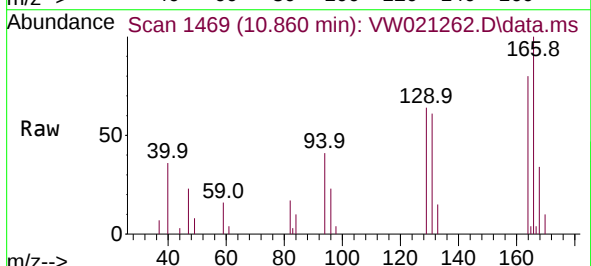
Ion Ratio Lower Upper

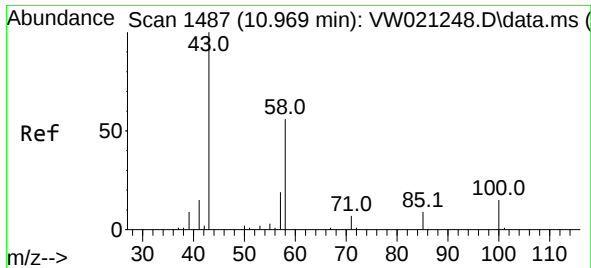
164 100

129 80.1 65.5 121.7

131 76.4 59.7 110.9

166 130.6 88.7 164.7

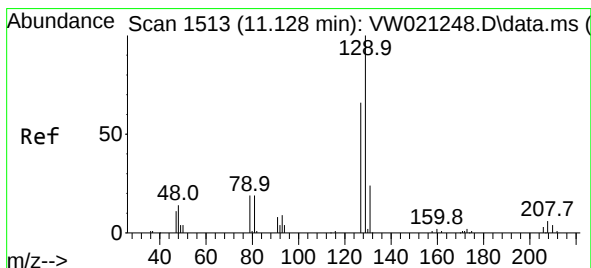
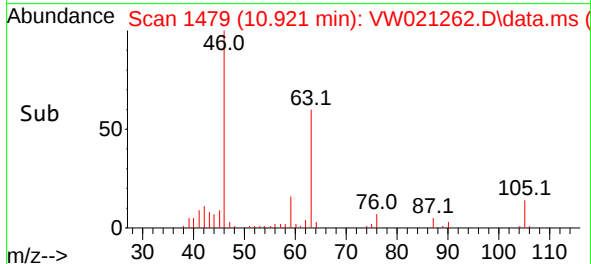
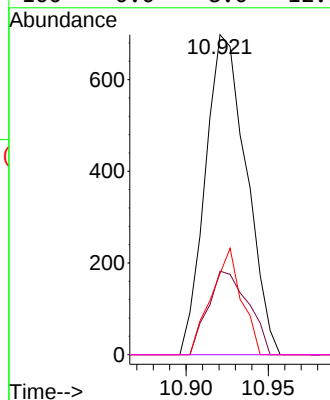
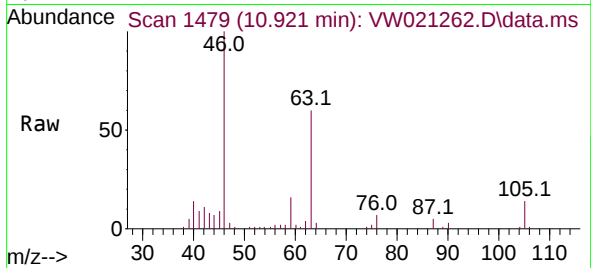




#48
2-Hexanone
Concen: 2.670 ug/L
RT: 10.921 min Scan# 1487
Delta R.T. -0.049 min
Lab File: VW021262.D
Acq: 09 Dec 2021 23:47

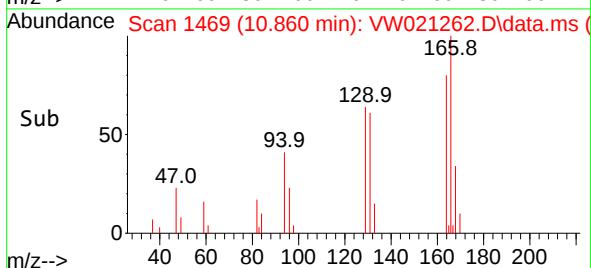
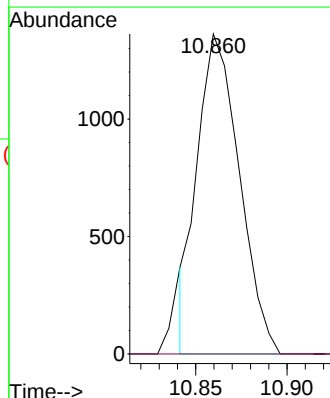
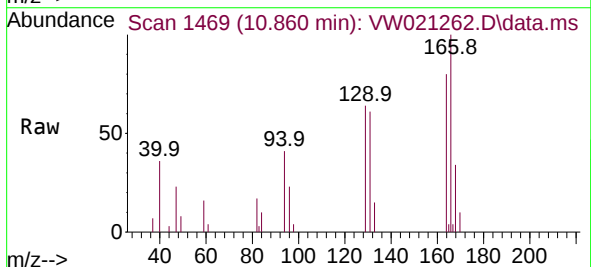
Instrument :
MSVOA_W
ClientSampleId :

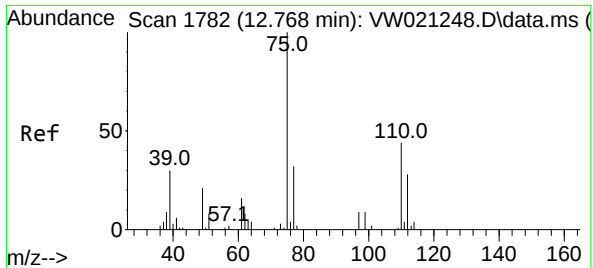
Tgt Ion: 43	Resp: 1211
Ion Ratio	Lower Upper
43	100
58	25.6 40.2 60.2#
57	24.4 14.3 21.5#
100	0.0 8.0 12.0#



#49
Dibromochloromethane
Concen: 1.880 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.268 min
Lab File: VW021262.D
Acq: 09 Dec 2021 23:47

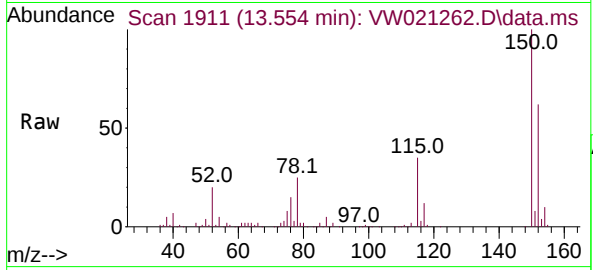
Tgt Ion: 129	Resp: 2177
Ion Ratio	Lower Upper
129	100
127	0.0 55.7 103.5#





#61
1,2,3-Trichloropropane
Concen: 7.844 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.786 min
Lab File: VW021262.D
Acq: 09 Dec 2021 23:47

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:	75	Resp:	6261
Ion	Ratio	Lower	Upper
75	100		
77	36.9	25.8	38.8
110	2.8	29.0	43.4#

