

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121521\
 Data File : VW021391.D
 Acq On : 15 Dec 2021 15:53
 Operator : SY/VA
 Sample : M5101-08
 Misc : 5.82g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 16 00:59:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 16 00:57:02 2021
 Response via : Initial Calibration

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

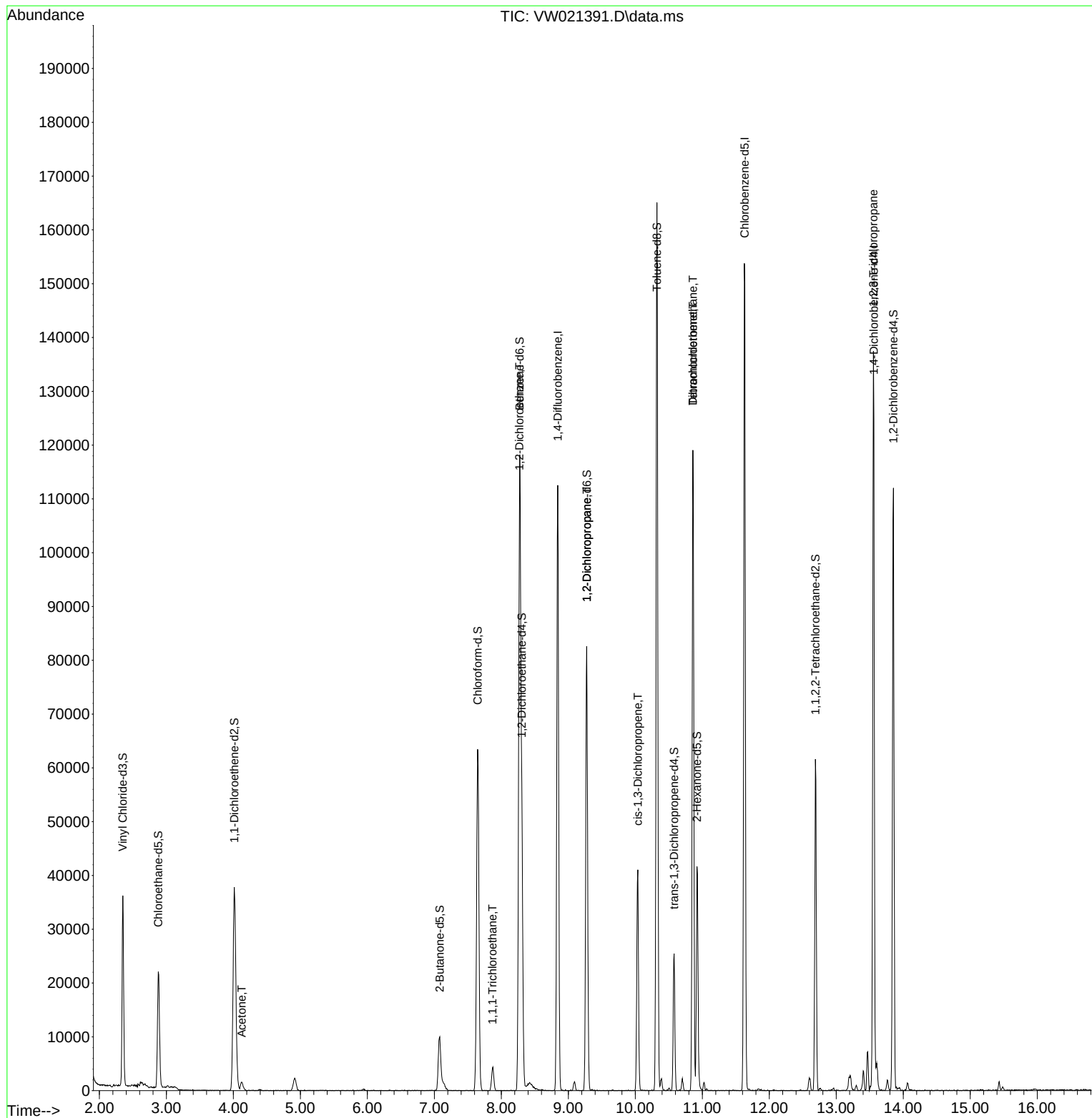
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	95730	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	88996	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	37748	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	33703	19.331	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	77.320%		
7) Chloroethane-d5	2.879	69	25798	22.383	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	89.520%		
11) 1,1-Dichloroethene-d2	4.013	63	35451	15.252	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	61.000%		
21) 2-Butanone-d5	7.080	46	17134	69.717	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	139.440%#		
24) Chloroform-d	7.647	84	63605	23.842	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	95.360%		
26) 1,2-Dichloroethane-d4	8.305	65	36457	25.691	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	102.760%		
32) Benzene-d6	8.275	84	117358	24.058	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	96.240%		
36) 1,2-Dichloropropane-d6	9.275	67	34481	26.356	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	105.440%		
41) Toluene-d8	10.323	98	109128	21.895	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	87.560%		
43) trans-1,3-Dichloroprop...	10.579	79	13501	22.412	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	89.640%		
47) 2-Hexanone-d5	10.921	63	14087	72.817	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	145.640%#		
56) 1,1,2,2-Tetrachloroeth...	12.689	84	27659	24.594	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	98.360%		
66) 1,2-Dichlorobenzene-d4	13.853	152	29893	20.433	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	81.720%		
Target Compounds					Qvalue	
13) Acetone	4.123	43	3110	14.116	ug/L	98
27) 1,2-Dichloroethane	8.269	62	810	0.547	ug/L #	77
30) 1,1,1-Trichloroethane	7.866	97	3557	1.781	ug/L	97
37) 1,2-Dichloropropane	9.275	63	4486	4.148	ug/L #	88
39) cis-1,3-Dichloropropene	10.037	75	1237	0.726	ug/L #	78
46) Tetrachloroethene	10.860	164	26300	20.343	ug/L	93
49) Dibromochloromethane	10.860	129	22626	20.736	ug/L #	10
61) 1,2,3-Trichloropropane	13.554	75	4192	7.630	ug/L #	68

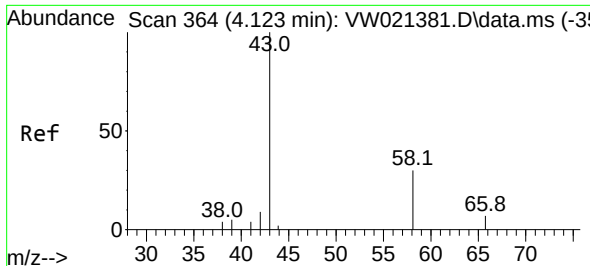
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Thu Dec 16 00:57:02 2021
Response via : Initial Calibration

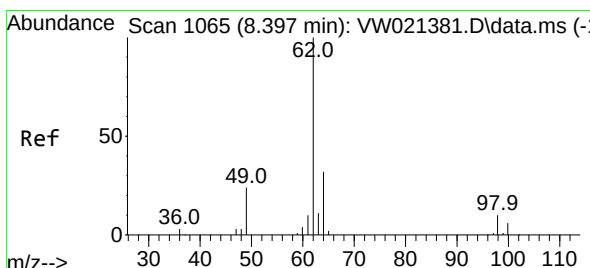
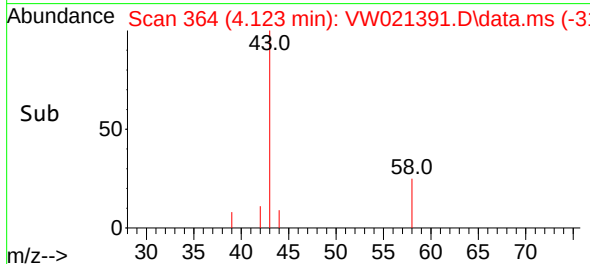
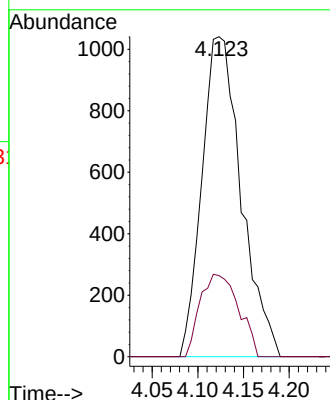
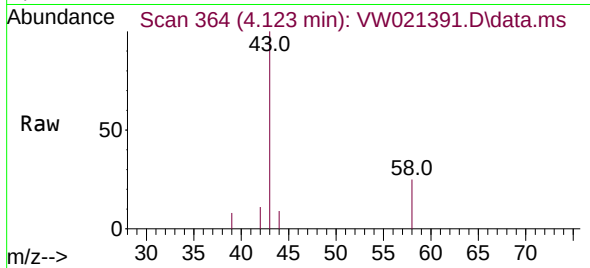




#13
Acetone
Concen: 14.116 ug/L
RT: 4.123 min Scan# 30
Delta R.T. 0.000 min
Lab File: VW021391.D
Acq: 15 Dec 2021 15:53

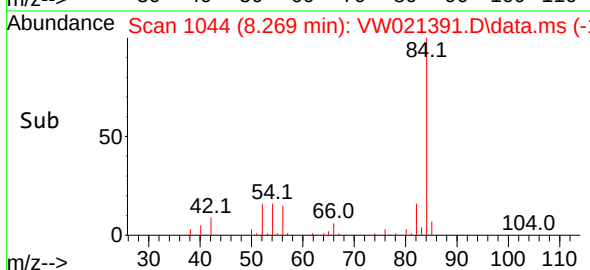
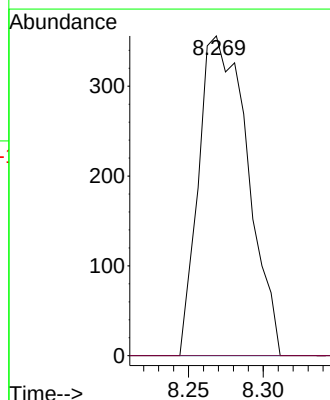
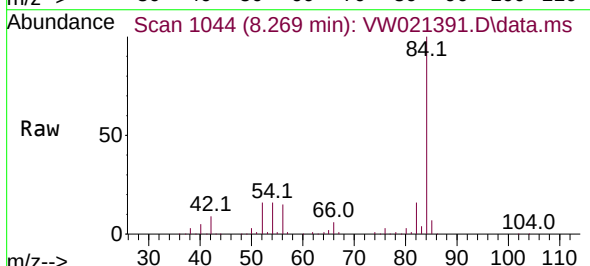
Instrument :
MSVOA_W
ClientSampleId :

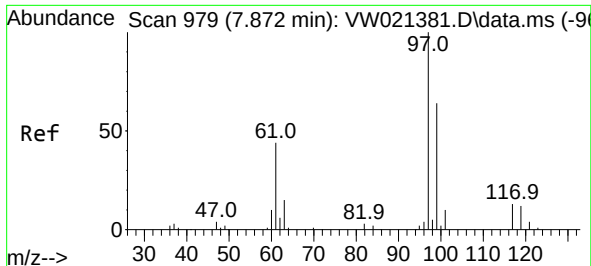
Tgt Ion: 43 Resp: 3110
Ion Ratio Lower Upper
43 100
58 25.3 0.0 52.8



#27
1,2-Dichloroethane
Concen: 0.547 ug/L
RT: 8.269 min Scan# 1044
Delta R.T. -0.128 min
Lab File: VW021391.D
Acq: 15 Dec 2021 15:53

Tgt Ion: 62 Resp: 810
Ion Ratio Lower Upper
62 100
98 0.0 6.5 9.7#

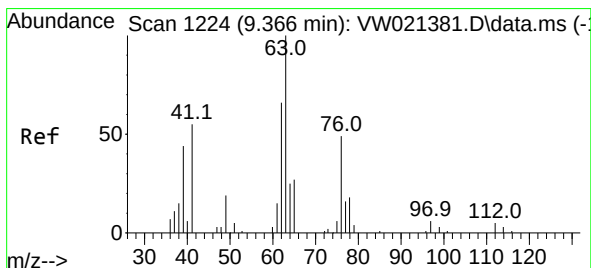
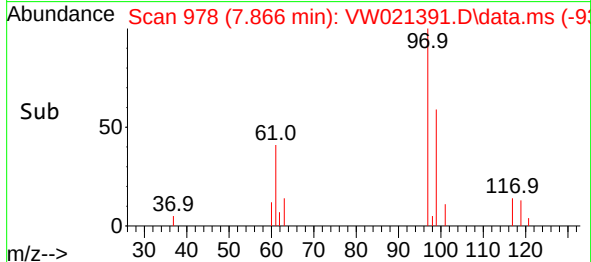
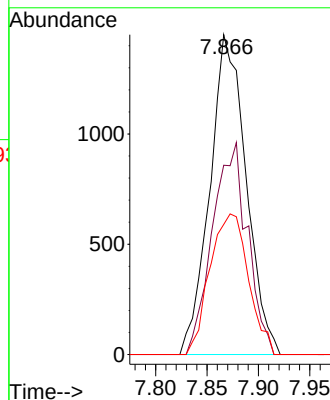
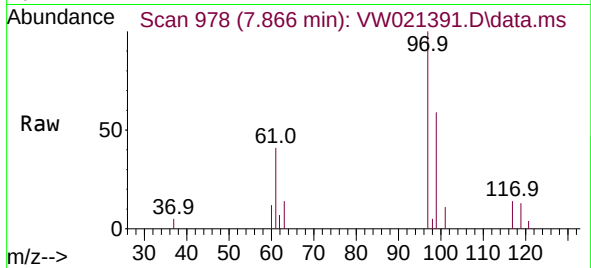




#30
 1,1,1-Trichloroethane
 Concen: 1.781 ug/L
 RT: 7.866 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VW021391.D
 Acq: 15 Dec 2021 15:53

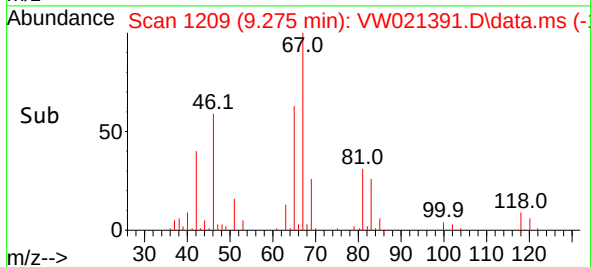
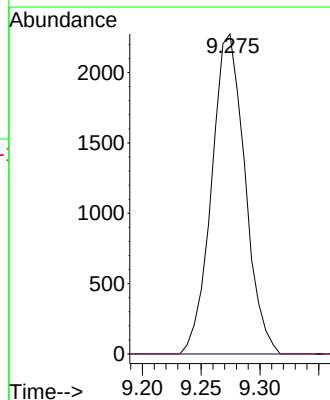
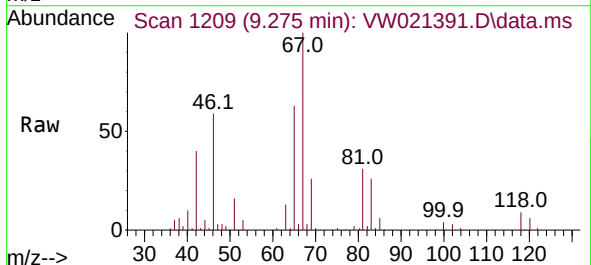
Instrument :
 MSVOA_W
 ClientSampleId :

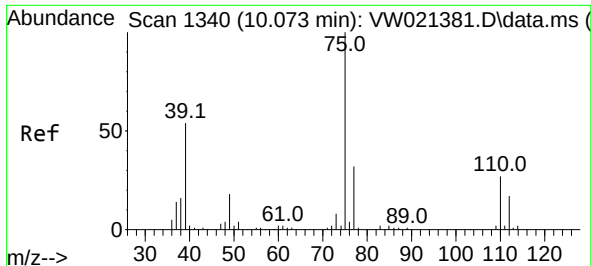
Tgt Ion: 97 Resp: 3557
 Ion Ratio Lower Upper
 97 100
 99 64.0 51.6 77.4
 61 46.8 40.9 61.3



#37
 1,2-Dichloropropane
 Concen: 4.148 ug/L
 RT: 9.275 min Scan# 1209
 Delta R.T. -0.091 min
 Lab File: VW021391.D
 Acq: 15 Dec 2021 15:53

Tgt Ion: 63 Resp: 4486
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.726 ug/L

RT: 10.037 min Scan# 11

Delta R.T. -0.037 min

Lab File: VW021391.D

Acq: 15 Dec 2021 15:53

Instrument :

MSVOA_W

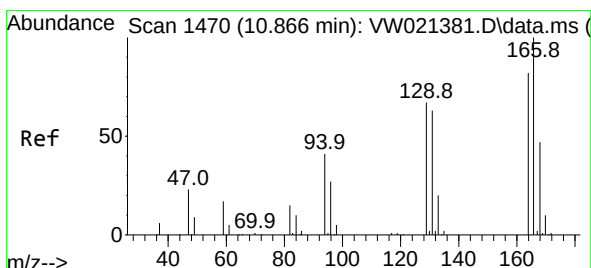
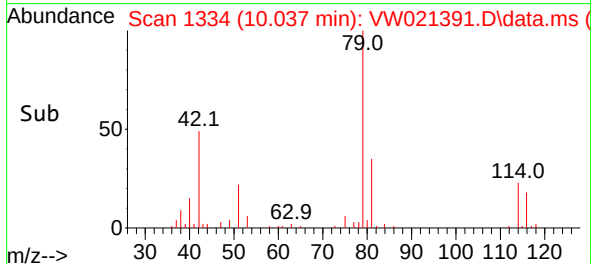
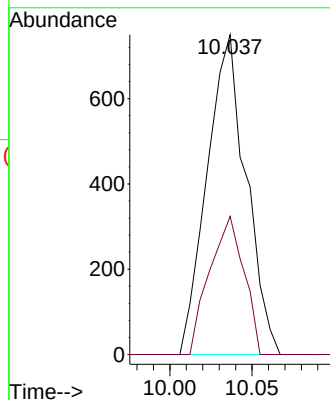
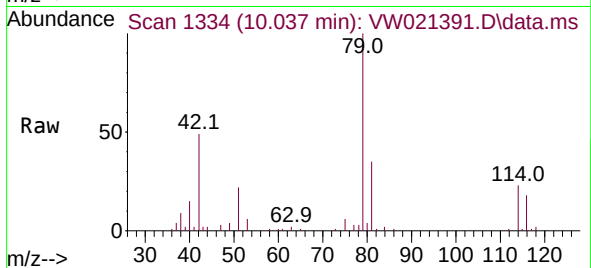
ClientSampleId :

Tgt Ion: 75 Resp: 1237

Ion Ratio Lower Upper

75 100

77 43.2 21.8 40.6#



#46

Tetrachloroethene

Concen: 20.343 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. -0.006 min

Lab File: VW021391.D

Acq: 15 Dec 2021 15:53

Tgt Ion: 164 Resp: 26300

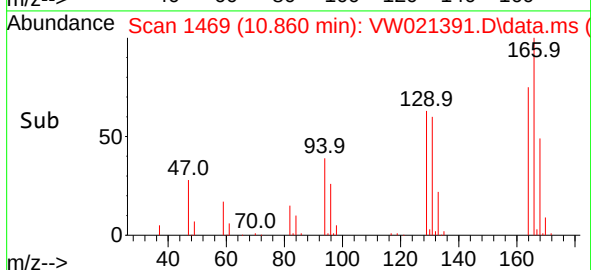
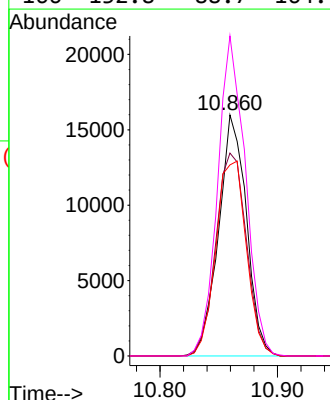
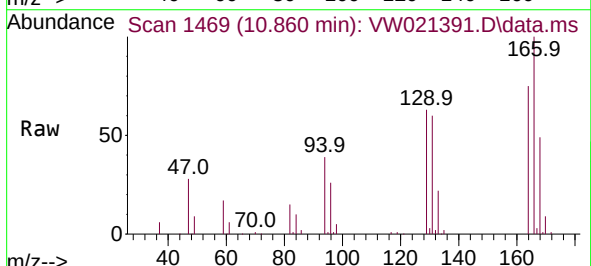
Ion Ratio Lower Upper

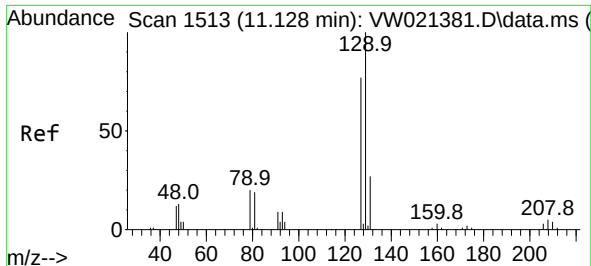
164 100

129 84.2 65.5 121.7

131 79.3 59.7 110.9

166 132.8 88.7 164.7





#49

Dibromochloromethane

Concen: 20.736 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. -0.268 min

Lab File: VW021391.D

Acq: 15 Dec 2021 15:53

Instrument :

MSVOA_W

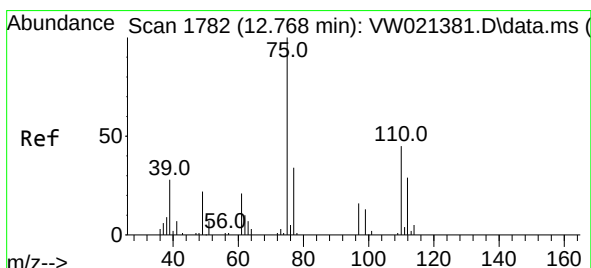
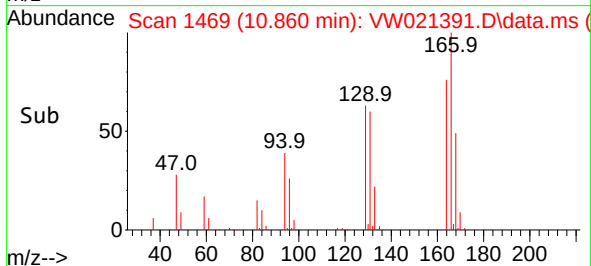
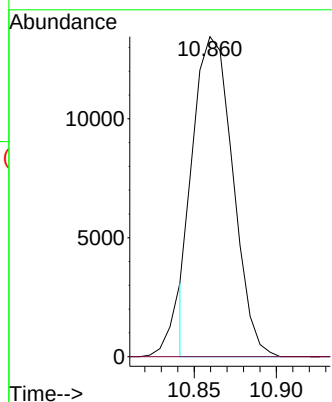
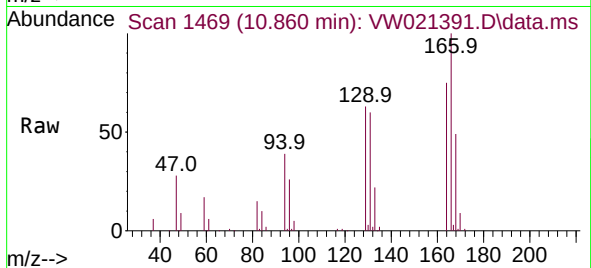
ClientSampleId :

Tgt Ion:129 Resp: 22626

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#



#61

1,2,3-Trichloropropane

Concen: 7.630 ug/L

RT: 13.554 min Scan# 1911

Delta R.T. 0.786 min

Lab File: VW021391.D

Acq: 15 Dec 2021 15:53

Tgt Ion: 75 Resp: 4192

Ion Ratio Lower Upper

75 100

77 34.3 25.8 38.8

110 2.4 29.0 43.4#

