

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
 Data File : VW021132.D
 Acq On : 04 Dec 2021 20:52
 Operator : SY/VA
 Sample : M4885-21
 Misc : 6.11g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 06 00:51:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 04 04:50:24 2021
 Response via : Initial Calibration

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

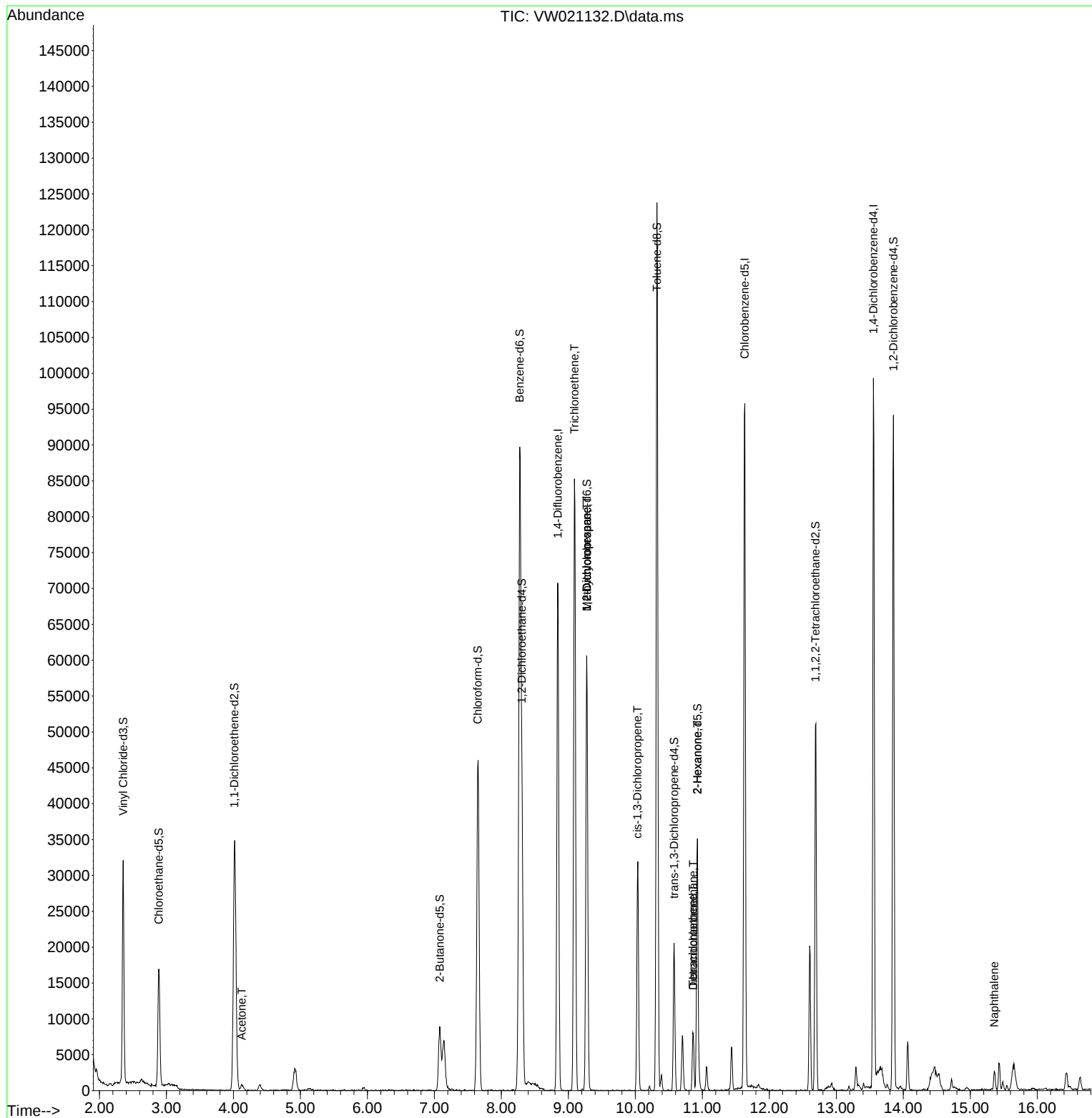
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	61735	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	54657	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	26295	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	27773	32.289	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 129.160%		
7) Chloroethane-d5	2.885	69	18651	32.392	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 129.560%		
11) 1,1-Dichloroethene-d2	4.013	63	32575	23.707	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	= 94.840%		
21) 2-Butanone-d5	7.080	46	14297	72.872	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	= 145.740%#		
24) Chloroform-d	7.646	84	45815	29.633	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	= 118.520%		
26) 1,2-Dichloroethane-d4	8.305	65	28620	33.837	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	= 135.360%#		
32) Benzene-d6	8.274	84	87859	31.438	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	= 125.760%		
36) 1,2-Dichloropropane-d6	9.274	67	25837	33.268	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	= 133.080%#		
41) Toluene-d8	10.323	98	79895	27.881	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	= 111.520%		
43) trans-1,3-Dichloroprop...	10.579	79	10417	29.540	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	= 118.160%		
47) 2-Hexanone-d5	10.926	63	11370	76.519	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	= 153.040%#		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	23665	32.937	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	= 131.760%#		
66) 1,2-Dichlorobenzene-d4	13.853	152	24663	26.177	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	= 104.720%		
Target Compounds						
						Qvalue
13) Acetone	4.123	43	960	5.372	ug/L	98
34) Trichloroethene	9.091	95	28403	33.124	ug/L	93
35) Methylcyclohexane	9.274	83	6550	4.538	ug/L #	14
37) 1,2-Dichloropropane	9.274	63	3245	4.619	ug/L #	88
39) cis-1,3-Dichloropropene	10.030	75	990	0.871	ug/L	99
46) Tetrachloroethene	10.859	164	2038	2.596	ug/L	89
48) 2-Hexanone	10.926	43	2142	6.205	ug/L #	68
49) Dibromochloromethane	10.865	129	1560	2.119	ug/L #	10
71) Naphthalene	15.358	128	2727	1.412	ug/L	98

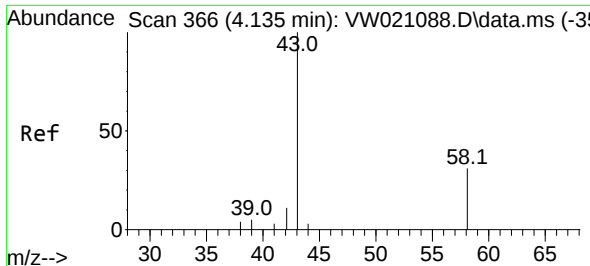
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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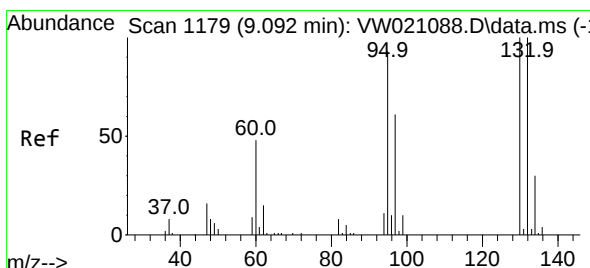
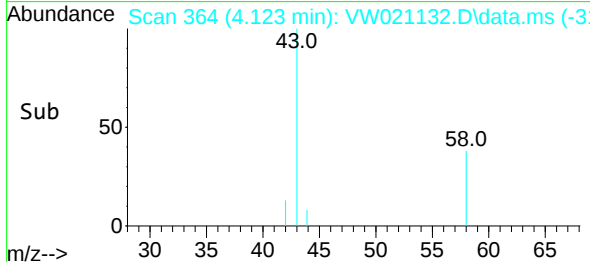
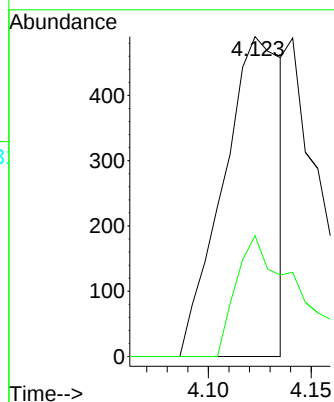
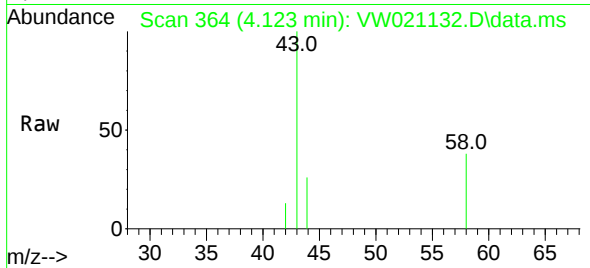




#13
Acetone
Concen: 5.372 ug/L
RT: 4.123 min Scan# 30
Delta R.T. -0.013 min
Lab File: VW021132.D
Acq: 04 Dec 2021 20:52

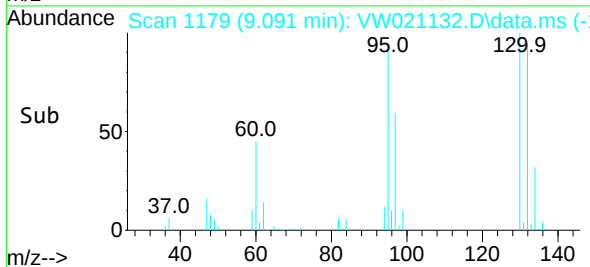
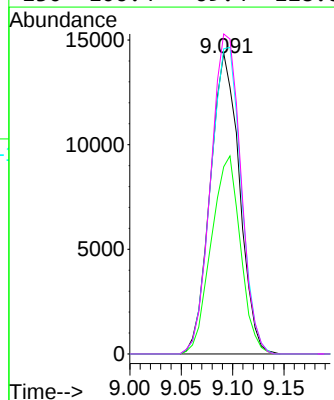
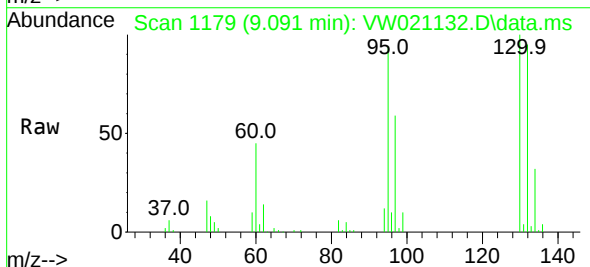
Instrument :
MSVOA_W
ClientSampleId :

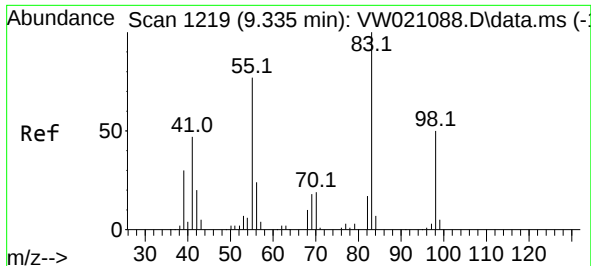
Tgt Ion: 43 Resp: 960
Ion Ratio Lower Upper
43 100
58 25.6 0.0 52.8



#34
Trichloroethene
Concen: 33.124 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW021132.D
Acq: 04 Dec 2021 20:52

Tgt Ion: 95 Resp: 28403
Ion Ratio Lower Upper
95 100
97 62.3 47.0 87.2
132 101.4 65.5 121.6
130 106.4 69.4 128.8

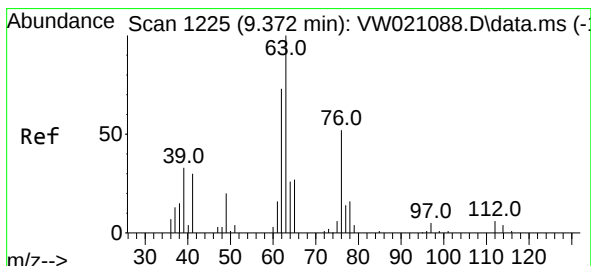
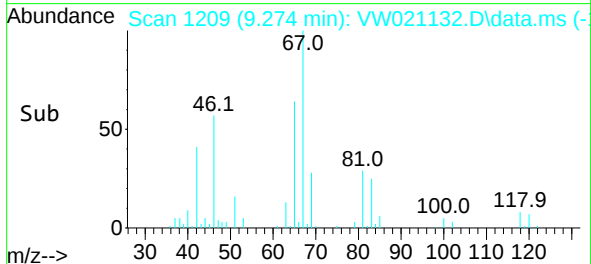
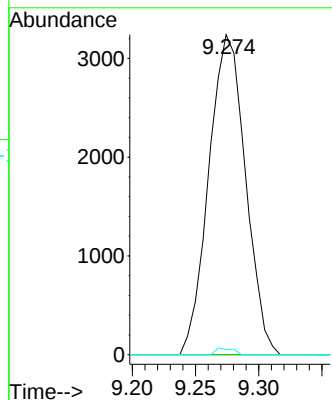
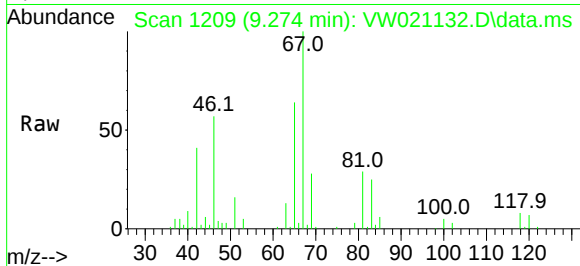




#35
Methylcyclohexane
Concen: 4.538 ug/L
RT: 9.274 min Scan# 11
Delta R.T. -0.061 min
Lab File: VW021132.D
Acq: 04 Dec 2021 20:52

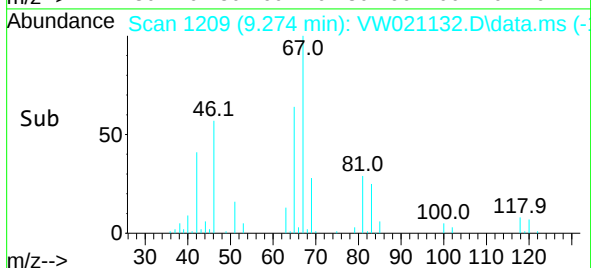
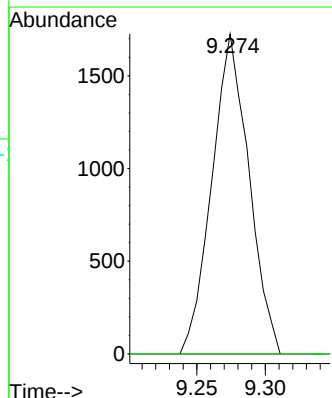
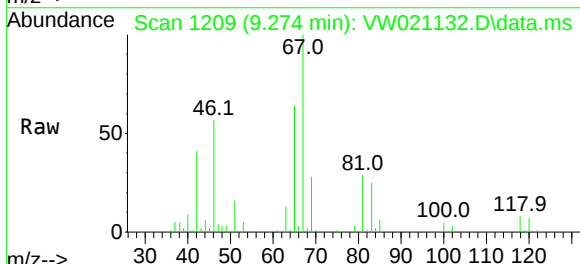
Instrument :
MSVOA_W
ClientSampleId :

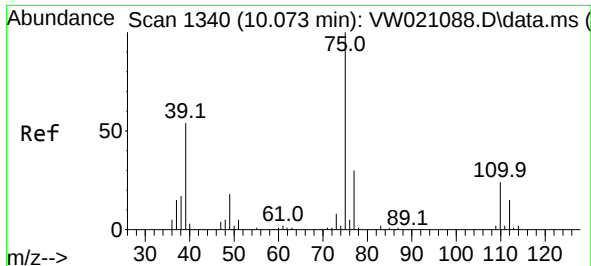
Tgt Ion: 83 Resp: 6550
Ion Ratio Lower Upper
83 100
55 0.0 70.8 106.2#
98 1.0 37.7 56.5#



#37
1,2-Dichloropropane
Concen: 4.619 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.098 min
Lab File: VW021132.D
Acq: 04 Dec 2021 20:52

Tgt Ion: 63 Resp: 3245
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.871 ug/L

RT: 10.030 min Scan# 11

Delta R.T. -0.043 min

Lab File: VW021132.D

Acq: 04 Dec 2021 20:52

Instrument :

MSVOA_W

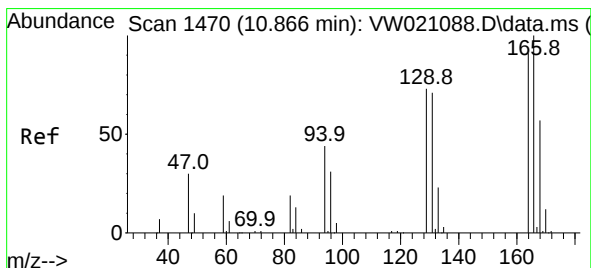
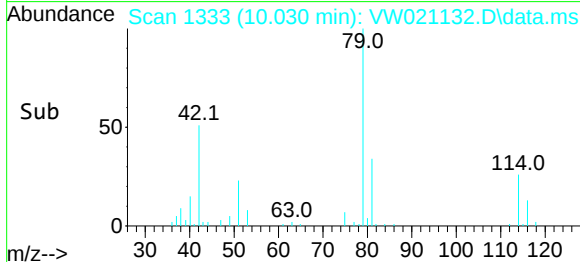
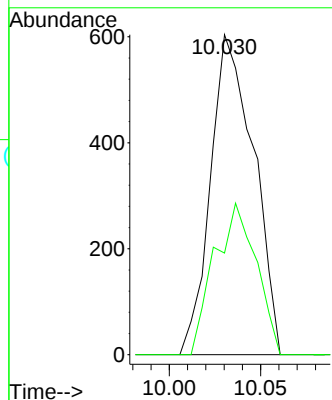
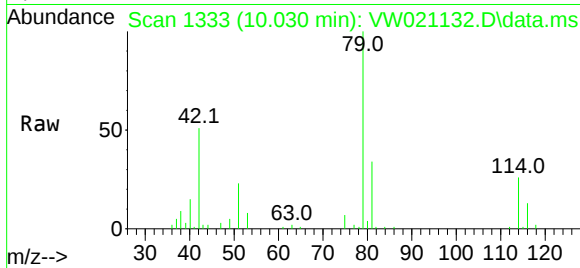
ClientSampleId :

Tgt Ion: 75 Resp: 990

Ion Ratio Lower Upper

75 100

77 31.8 21.8 40.6



#46

Tetrachloroethene

Concen: 2.596 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. -0.006 min

Lab File: VW021132.D

Acq: 04 Dec 2021 20:52

Tgt Ion: 164 Resp: 2038

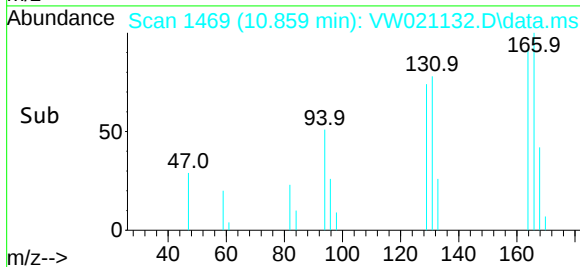
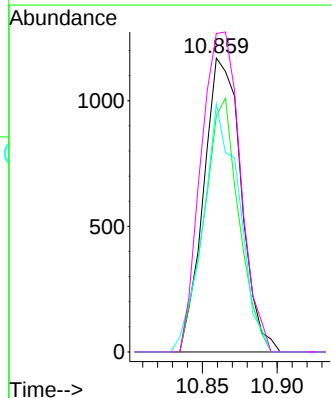
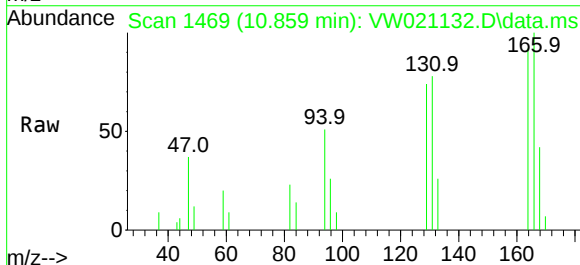
Ion Ratio Lower Upper

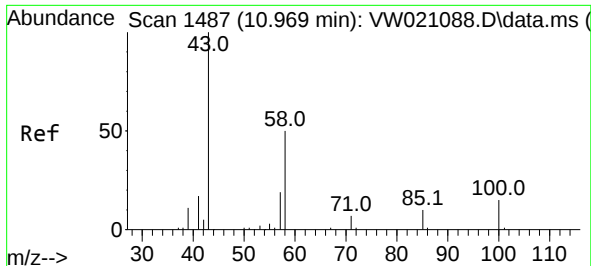
164 100

129 80.4 65.5 121.7

131 84.4 59.7 110.9

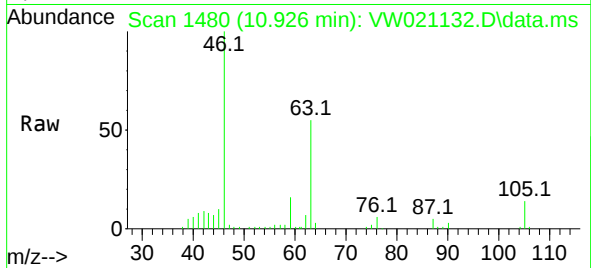
166 108.4 88.7 164.7



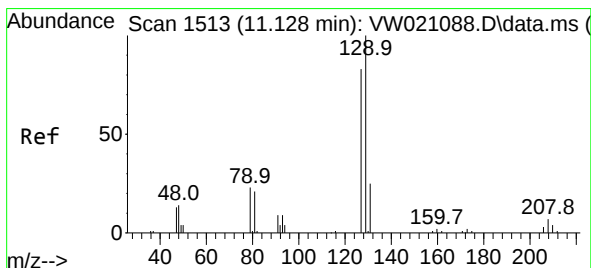
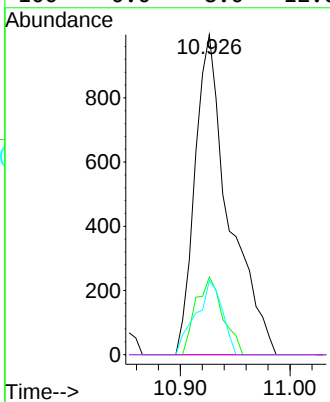
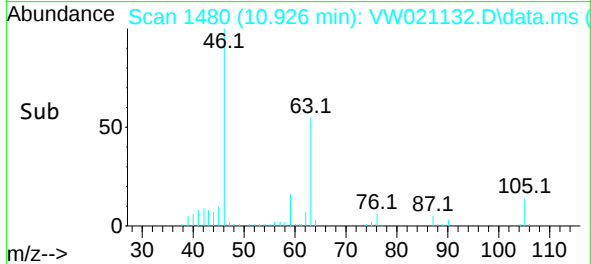


#48
2-Hexanone
Concen: 6.205 ug/L
RT: 10.926 min Scan# 1487
Delta R.T. -0.043 min
Lab File: VW021132.D
Acq: 04 Dec 2021 20:52

Instrument :
MSVOA_W
ClientSampleId :

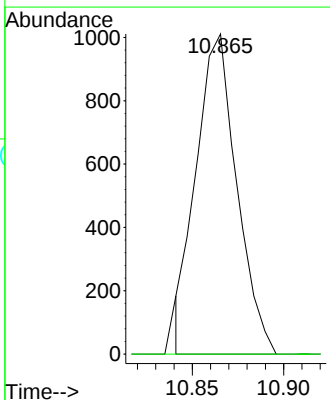
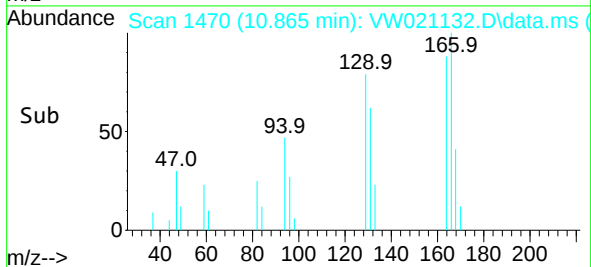
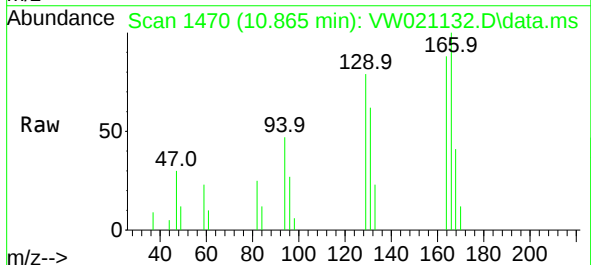


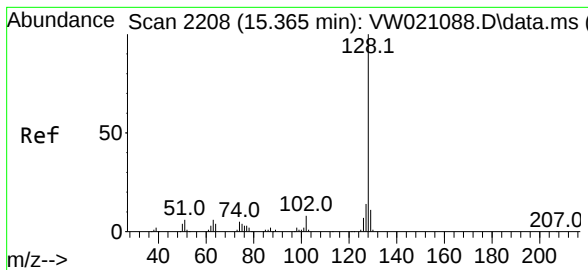
Tgt Ion: 43 Resp: 2142
Ion Ratio Lower Upper
43 100
58 19.3 40.2 60.2#
57 18.0 14.3 21.5
100 0.0 8.0 12.0#



#49
Dibromochloromethane
Concen: 2.119 ug/L
RT: 10.865 min Scan# 1470
Delta R.T. -0.262 min
Lab File: VW021132.D
Acq: 04 Dec 2021 20:52

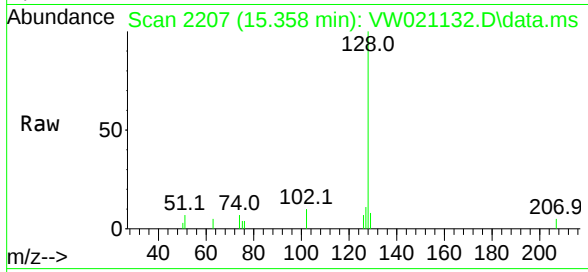
Tgt Ion: 129 Resp: 1560
Ion Ratio Lower Upper
129 100
127 0.0 55.7 103.5#





#71
 Naphthalene
 Concen: 1.412 ug/L
 RT: 15.358 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW021132.D
 Acq: 04 Dec 2021 20:52

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	128	Resp:	2727
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.7	16.1
129	9.4	8.6	12.8

