

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
 Data File : VW021082.D
 Acq On : 03 Dec 2021 22:28
 Operator : SY/VA
 Sample : M4883-04
 Misc : 4.55g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 04 01:42:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 04 01:31:24 2021
 Response via : Initial Calibration

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

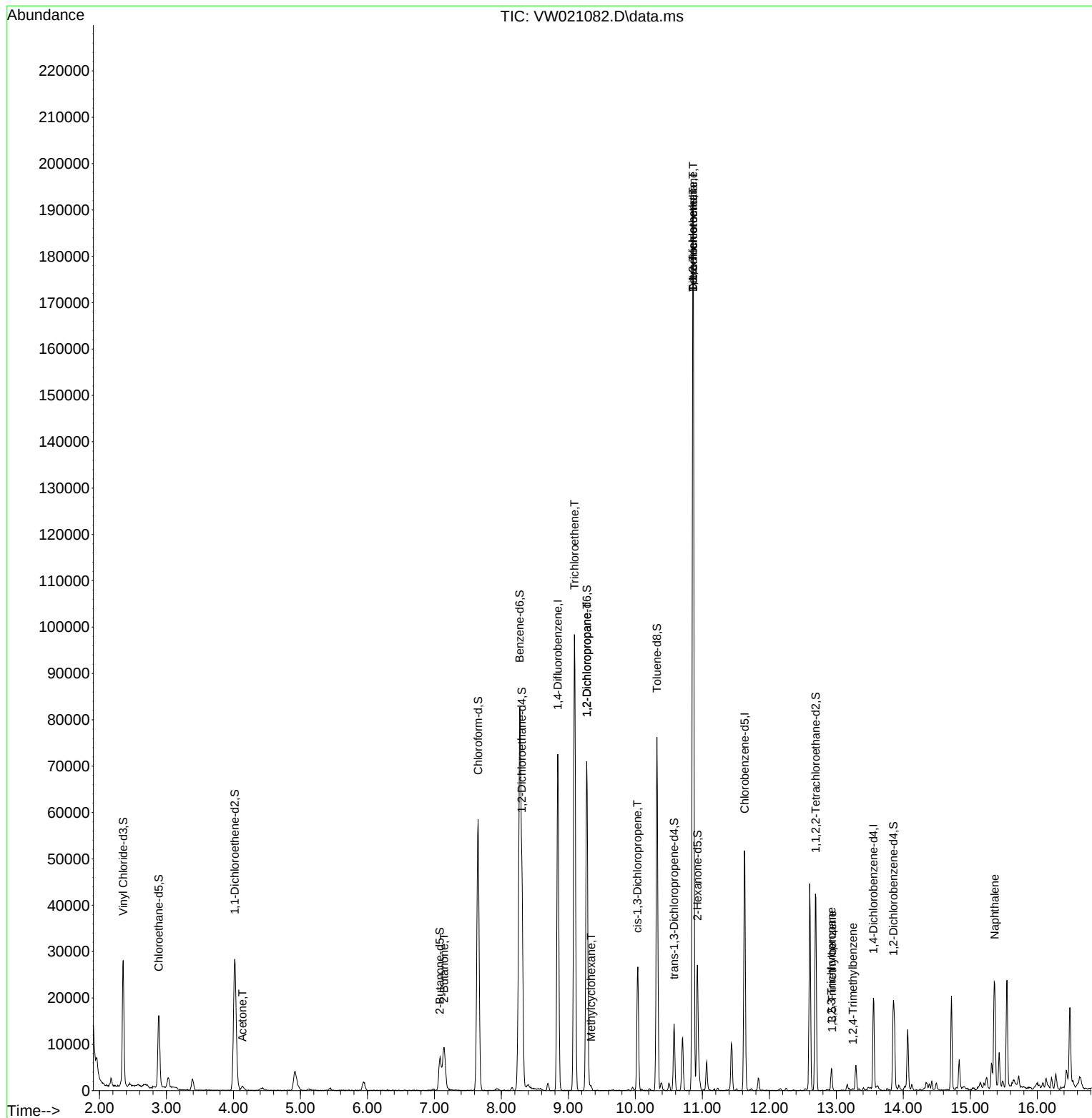
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	61695	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	28360	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	5223	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	22072	25.678	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 102.720%	
7) Chloroethane-d5	2.885	69	17785	30.908	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 123.640%	
11) 1,1-Dichloroethene-d2	4.019	63	26762	19.489	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 77.960%	
21) 2-Butanone-d5	7.080	46	11994	61.174	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 122.340%	
24) Chloroform-d	7.653	84	56682	36.686	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 146.760%	
26) 1,2-Dichloroethane-d4	8.305	65	31355	37.095	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 148.360%#	
32) Benzene-d6	8.275	84	76324	52.635	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 210.520%#	
36) 1,2-Dichloropropane-d6	9.274	67	29798	73.946	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 295.800%#	
41) Toluene-d8	10.323	98	47619	32.026	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 128.120%	
43) trans-1,3-Dichloroprop...	10.579	79	7341	40.120	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 160.480%#	
47) 2-Hexanone-d5	10.926	63	8510	110.378	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 220.760%#	
56) 1,1,2,2-Tetrachloroeth...	12.694	84	19822	53.170	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 212.680%#	
66) 1,2-Dichlorobenzene-d4	13.853	152	4579	24.468	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 97.880%	
Target Compounds						
					Qvalue	
13) Acetone	4.135	43	1649	9.233	ug/L	95
22) 2-Butanone	7.147	43	3284	13.287	ug/L	# 52
34) Trichloroethene	9.091	95	31656	71.149	ug/L	97
35) Methylcyclohexane	9.341	83	452	0.604	ug/L	# 89
37) 1,2-Dichloropropane	9.274	63	3861	10.592	ug/L	# 88
39) cis-1,3-Dichloropropene	10.030	75	823	1.396	ug/L	# 70
45) 1,1,2-Trichloroethane	10.859	97	389	1.273	ug/L	# 20
46) Tetrachloroethene	10.859	164	43578	106.962	ug/L	93
49) Dibromochloromethane	10.866	129	35969	94.174	ug/L	# 10
61) 1,2,3-Trichloropropane	12.926	75	82	0.937	ug/L	# 40
62) 1,3,5-Trimethylbenzene	12.938	105	238	0.392	ug/L	# 59
63) 1,2,4-Trimethylbenzene	13.249	105	495	0.810	ug/L	# 71
71) Naphthalene	15.365	128	21241	55.357	ug/L	99

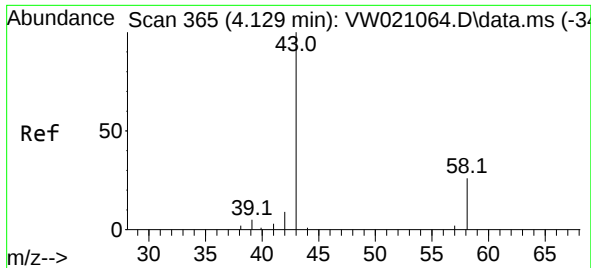
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Sat Dec 04 01:31:24 2021
Response via : Initial Calibration





#13

Acetone

Concen: 9.233 ug/L

RT: 4.135 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW021082.D

Acq: 03 Dec 2021 22:28

Instrument :

MSVOA_W

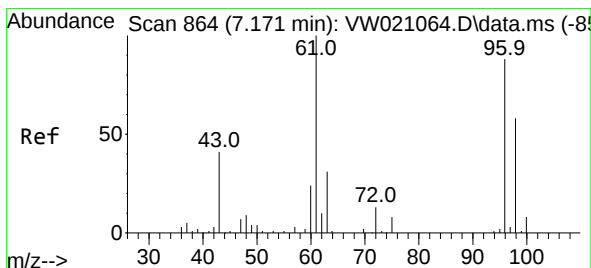
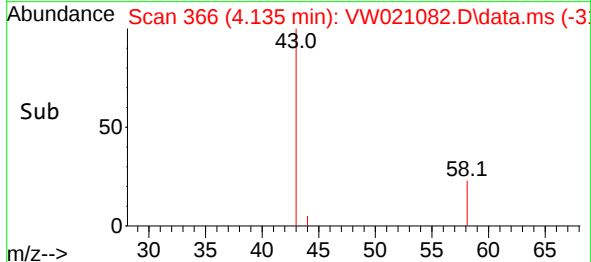
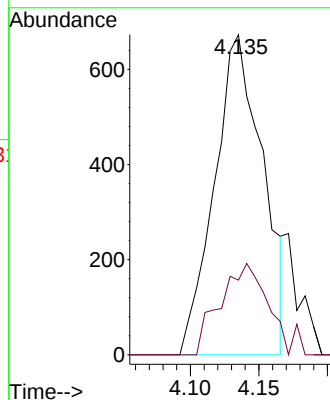
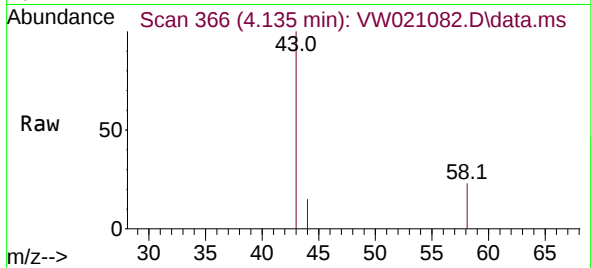
ClientSampleId :

Tgt Ion: 43 Resp: 1649

Ion Ratio Lower Upper

43 100

58 23.6 0.0 52.8



#22

2-Butanone

Concen: 13.287 ug/L

RT: 7.147 min Scan# 860

Delta R.T. -0.024 min

Lab File: VW021082.D

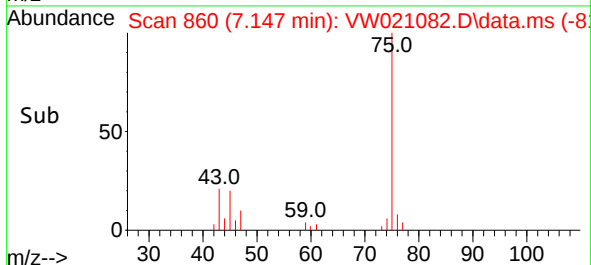
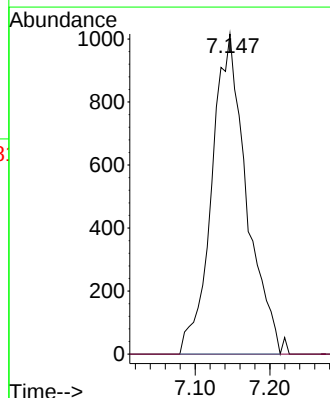
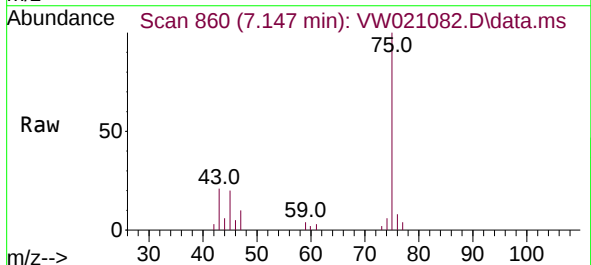
Acq: 03 Dec 2021 22:28

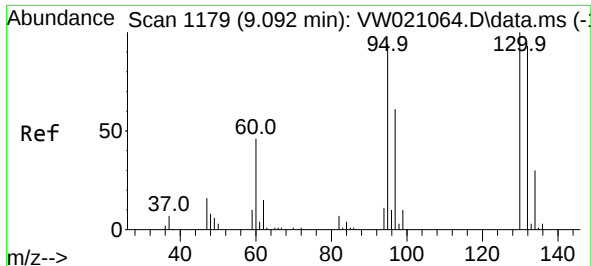
Tgt Ion: 43 Resp: 3284

Ion Ratio Lower Upper

43 100

72 0.0 11.8 35.4#





#34

Trichloroethene

Concen: 71.149 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW021082.D

Acq: 03 Dec 2021 22:28

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 31656

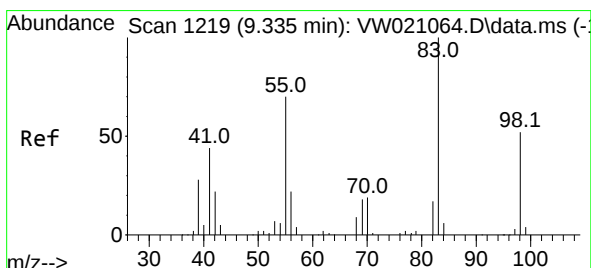
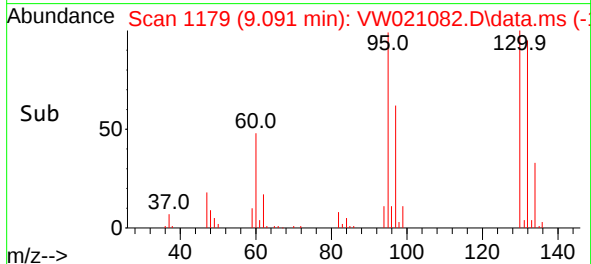
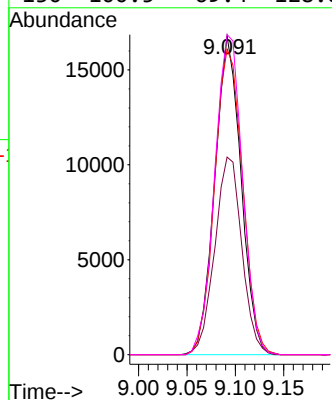
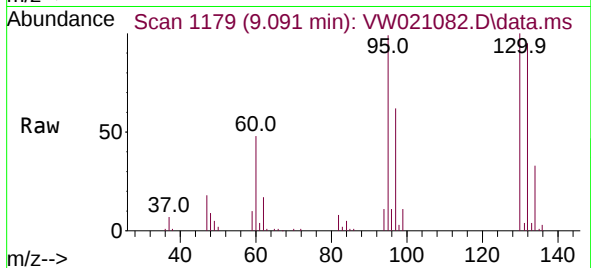
Ion Ratio Lower Upper

95 100

97 62.1 47.0 87.2

132 96.0 65.5 121.6

130 100.5 69.4 128.8



#35

Methylcyclohexane

Concen: 0.604 ug/L

RT: 9.341 min Scan# 1220

Delta R.T. 0.006 min

Lab File: VW021082.D

Acq: 03 Dec 2021 22:28

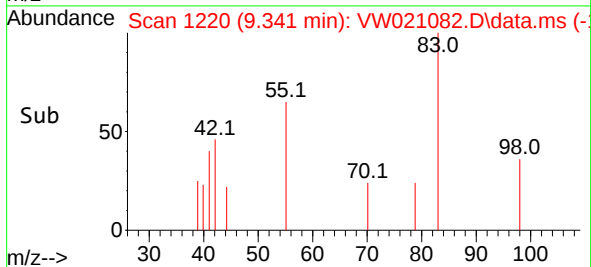
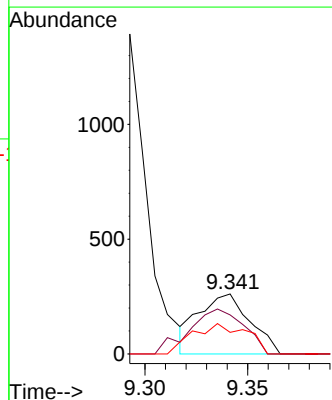
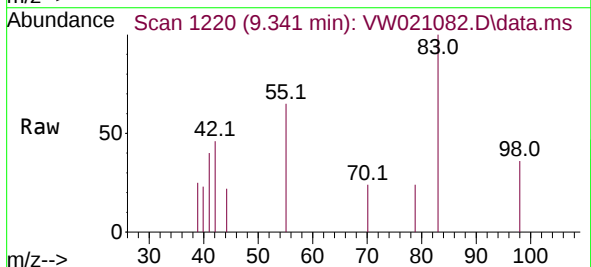
Tgt Ion: 83 Resp: 452

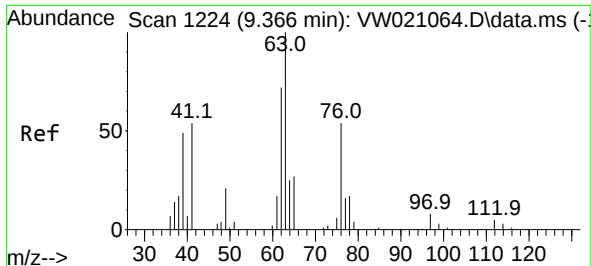
Ion Ratio Lower Upper

83 100

55 79.9 70.8 106.2

98 37.6 37.7 56.5#





#37

1,2-Dichloropropane

Concen: 10.592 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.092 min

Lab File: VW021082.D

Acq: 03 Dec 2021 22:28

Instrument :

MSVOA_W

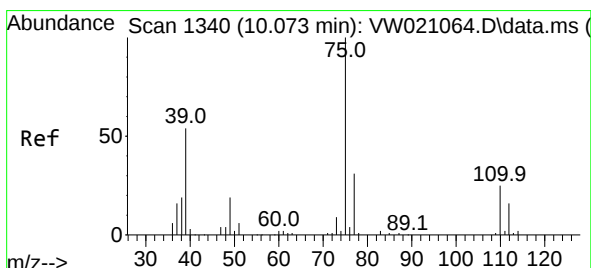
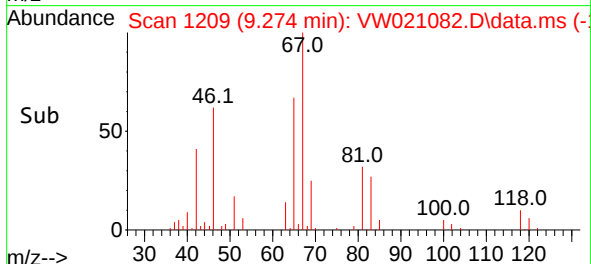
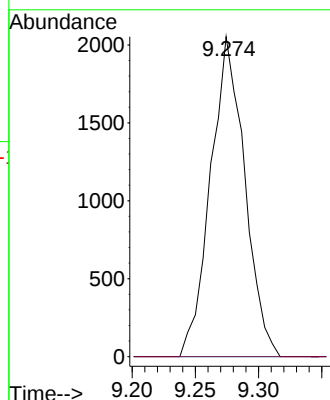
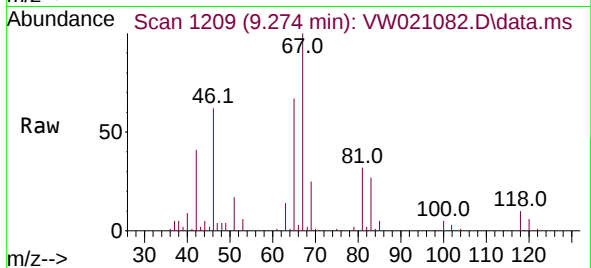
ClientSampleId :

Tgt Ion: 63 Resp: 3861

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 1.396 ug/L

RT: 10.030 min Scan# 1333

Delta R.T. -0.043 min

Lab File: VW021082.D

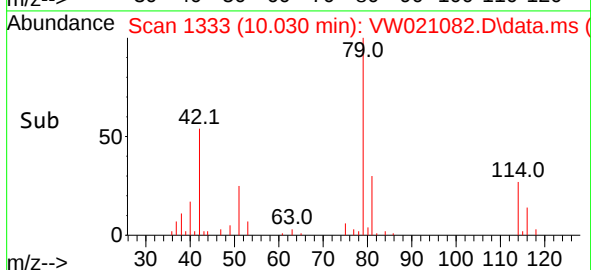
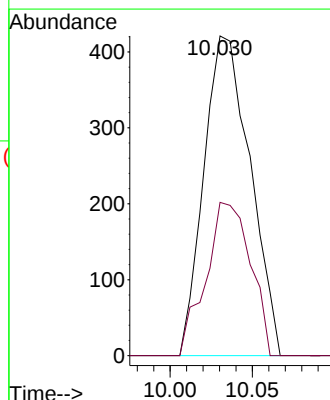
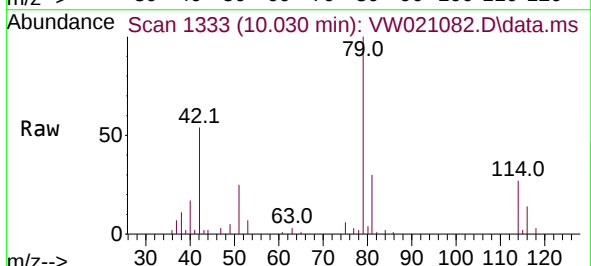
Acq: 03 Dec 2021 22:28

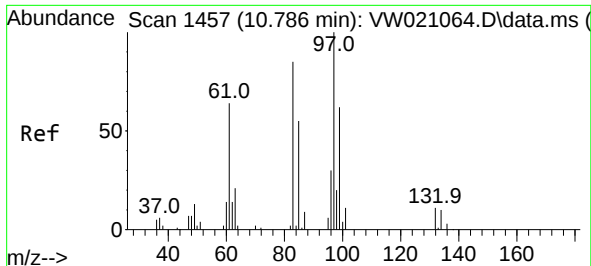
Tgt Ion: 75 Resp: 823

Ion Ratio Lower Upper

75 100

77 48.0 21.8 40.6#

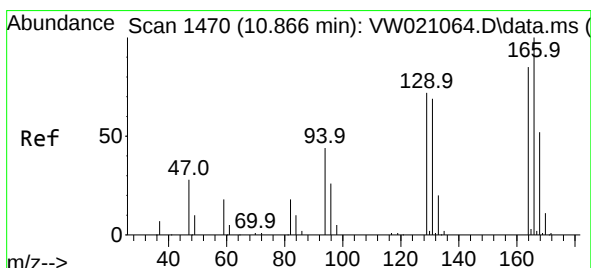
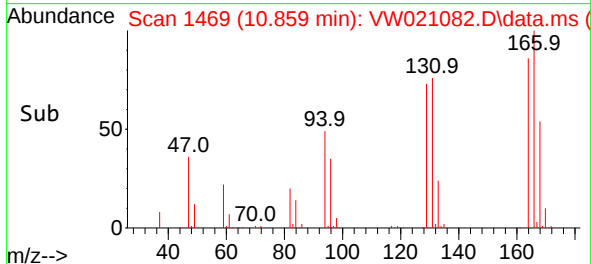
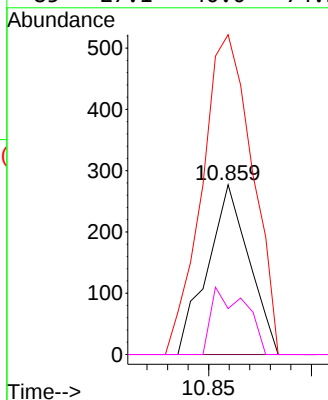
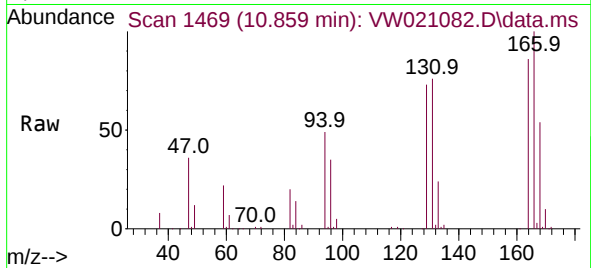




#45
1,1,2-Trichloroethane
Concen: 1.273 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. 0.073 min
Lab File: VW021082.D
Acq: 03 Dec 2021 22:28

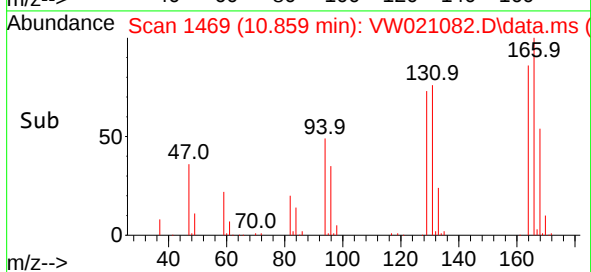
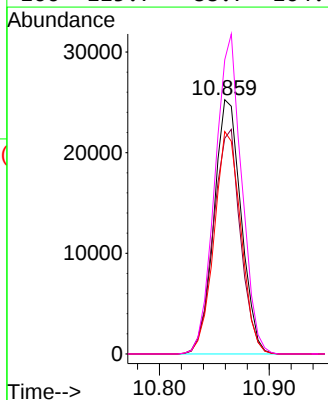
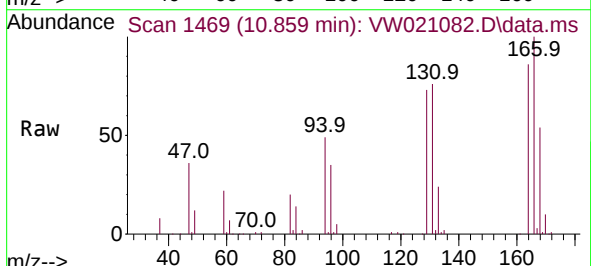
Instrument :
MSVOA_W
ClientSampleId :

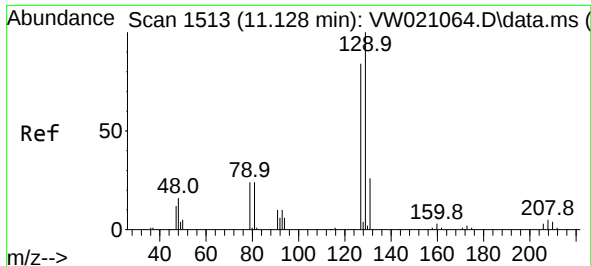
Tgt Ion: 97	Resp: 389
Ion Ratio	Lower Upper
97	100
99	0.0 43.0 79.8#
83	188.4 62.6 116.3#
85	27.1 40.0 74.2#



#46
Tetrachloroethene
Concen: 106.962 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW021082.D
Acq: 03 Dec 2021 22:28

Tgt Ion: 164	Resp: 43578
Ion Ratio	Lower Upper
164	100
129	84.8 65.5 121.7
131	87.4 59.7 110.9
166	115.7 88.7 164.7





#49

Dibromochloromethane

Concen: 94.174 ug/L

RT: 10.866 min Scan# 14

Delta R.T. -0.262 min

Lab File: VW021082.D

Acq: 03 Dec 2021 22:28

Instrument :

MSVOA_W

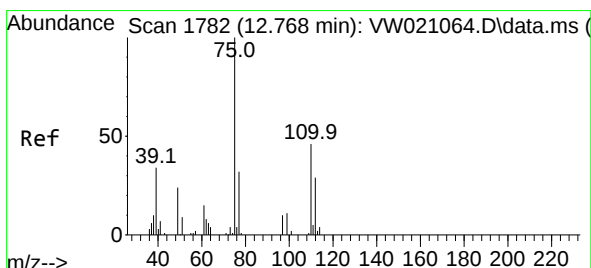
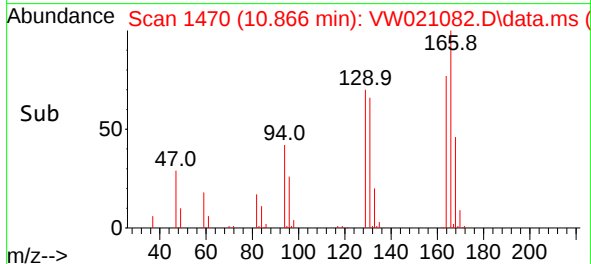
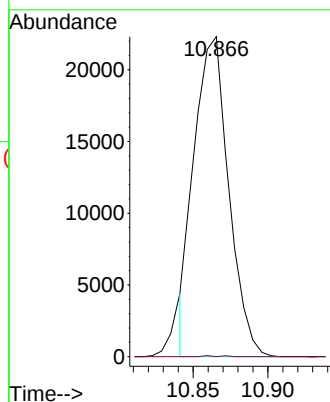
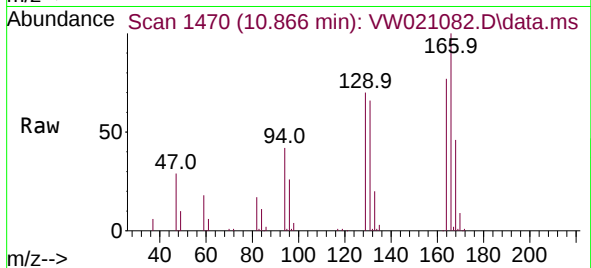
ClientSampleId :

Tgt Ion:129 Resp: 35969

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#



#61

1,2,3-Trichloropropane

Concen: 0.937 ug/L

RT: 12.926 min Scan# 1808

Delta R.T. 0.158 min

Lab File: VW021082.D

Acq: 03 Dec 2021 22:28

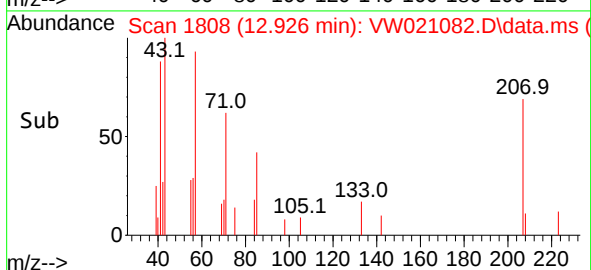
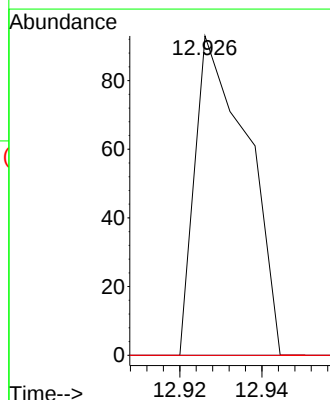
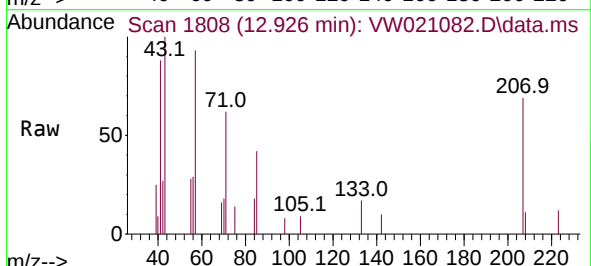
Tgt Ion: 75 Resp: 82

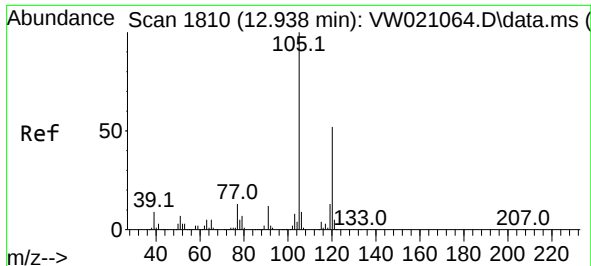
Ion Ratio Lower Upper

75 100

77 0.0 25.8 38.8#

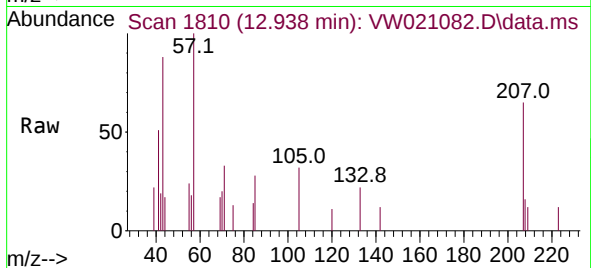
110 0.0 29.0 43.4#



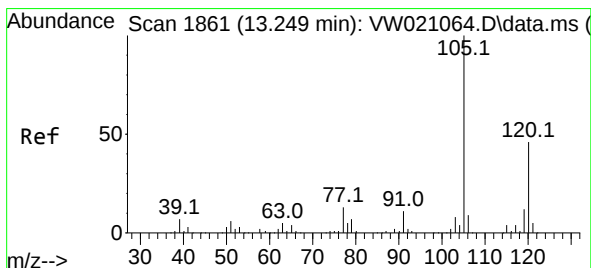
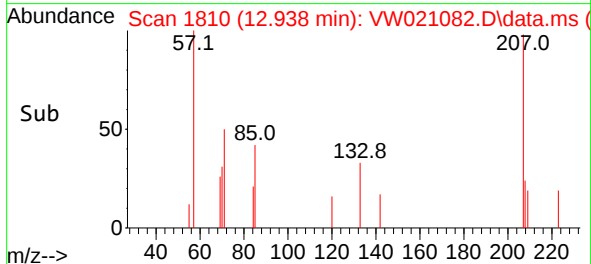
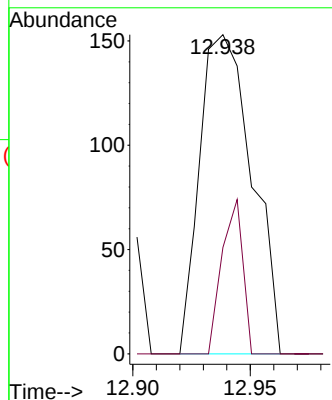


#62
1,3,5-Trimethylbenzene
Concen: 0.392 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW021082.D
Acq: 03 Dec 2021 22:28

Instrument :
MSVOA_W
ClientSampleId :

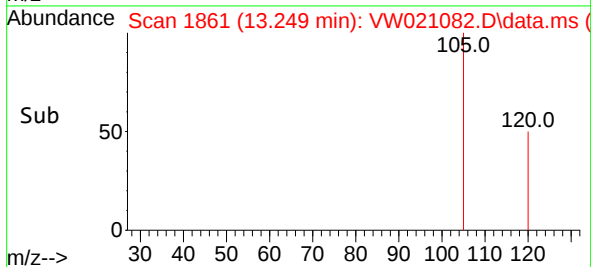
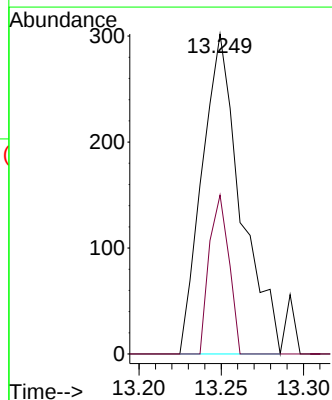
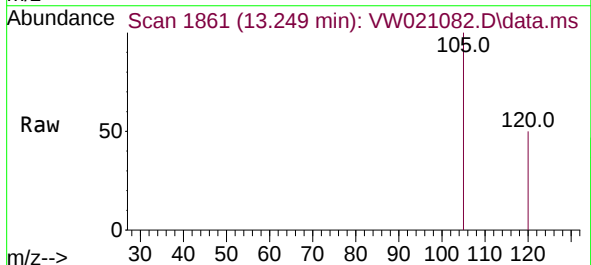


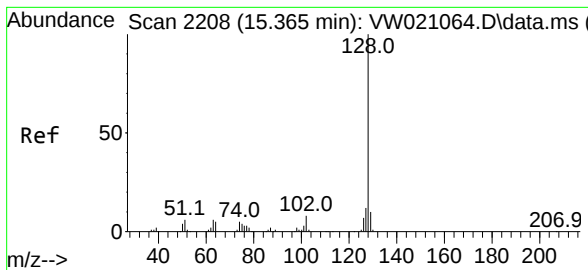
Tgt Ion:105 Resp: 238
Ion Ratio Lower Upper
105 100
120 19.3 37.4 56.2#



#63
1,2,4-Trimethylbenzene
Concen: 0.810 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW021082.D
Acq: 03 Dec 2021 22:28

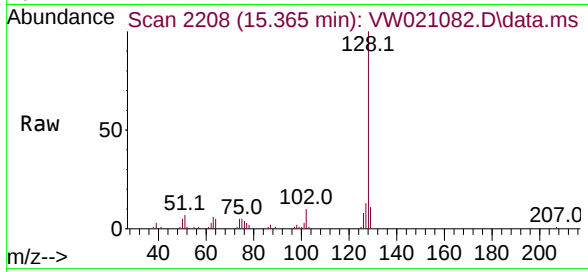
Tgt Ion:105 Resp: 495
Ion Ratio Lower Upper
105 100
120 25.1 35.0 52.6#





#71
Naphthalene
Concen: 55.357 ug/L
RT: 15.365 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW021082.D
Acq: 03 Dec 2021 22:28

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:	128	Resp:	21241
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.7	16.1
129	11.4	8.6	12.8

