

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
 Data File : VW021564.D
 Acq On : 22 Dec 2021 15:41
 Operator : SY/VA
 Sample : M5154-04RE
 Misc : 6.84g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 23 00:36:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 23 00:34:33 2021
 Response via : Initial Calibration

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

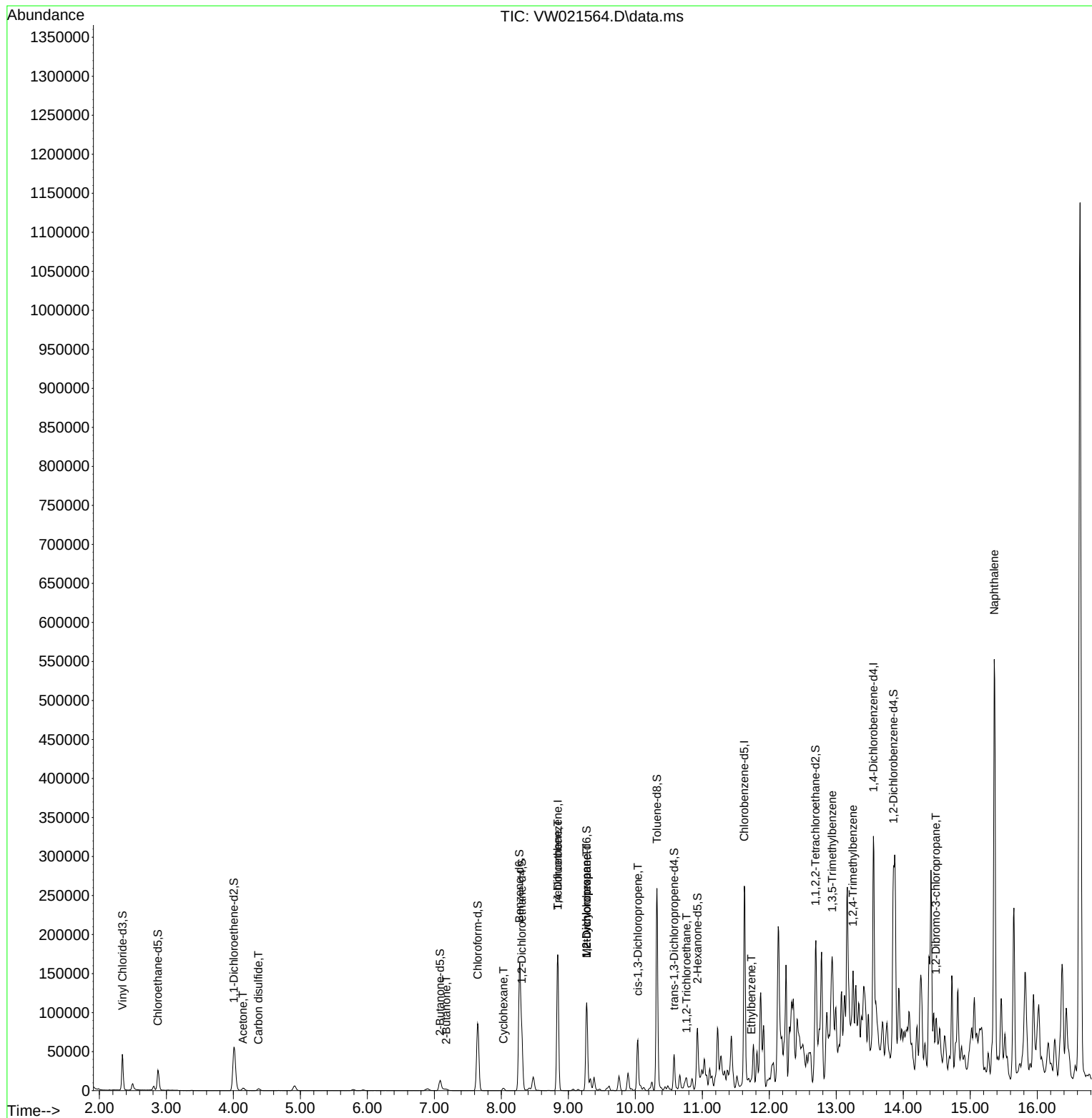
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	150165	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	142116	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	79694	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	43327	15.842	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	63.360%		
7) Chloroethane-d5	2.873	69	29017	16.049	ug/L	-0.01
Spiked Amount 25.000	Range 30 - 150		Recovery =	64.200%		
11) 1,1-Dichloroethene-d2	4.007	63	53223	14.597	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery =	58.400%		
21) 2-Butanone-d5	7.086	46	22732	58.966	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	117.940%		
24) Chloroform-d	7.647	84	88123	21.058	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	84.240%		
26) 1,2-Dichloroethane-d4	8.305	65	52411	23.545	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	94.160%		
32) Benzene-d6	8.269	84	169613	21.773	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	87.080%		
36) 1,2-Dichloropropane-d6	9.274	67	48130	23.038	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	92.160%		
41) Toluene-d8	10.323	98	166607	20.933	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	83.720%		
43) trans-1,3-Dichloroprop...	10.579	79	21640	22.496	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	90.000%		
47) 2-Hexanone-d5	10.927	63	19623	63.520	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	127.040%		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	44674	24.875	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	99.520%		
66) 1,2-Dichlorobenzene-d4	13.853	152	61257	19.833	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	79.320%		
Target Compounds						Qvalue
13) Acetone	4.141	43	6709	19.413	ug/L	83
14) Carbon disulfide	4.373	76	5555	1.156	ug/L	96
22) 2-Butanone	7.177	43	2639	5.847	ug/L	95
29) Cyclohexane	8.031	56	1841	0.651	ug/L #	19
34) Trichloroethene	8.842	95	4614	2.123	ug/L #	5
35) Methylcyclohexane	9.274	83	13780	3.844	ug/L #	15
37) 1,2-Dichloropropane	9.274	63	6256	3.623	ug/L #	80
39) cis-1,3-Dichloropropene	10.037	75	1932	0.710	ug/L #	76
45) 1,1,2-Trichloroethane	10.762	97	5795	4.100	ug/L #	25
52) Ethylbenzene	11.731	91	5072	0.490	ug/L	90
62) 1,3,5-Trimethylbenzene	12.938	105	22776	2.472	ug/L	97
63) 1,2,4-Trimethylbenzene	13.249	105	54485	5.994	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.487	75	1202	5.024	ug/L #	10
71) Naphthalene	15.359	128	481122	96.443	ug/L	99

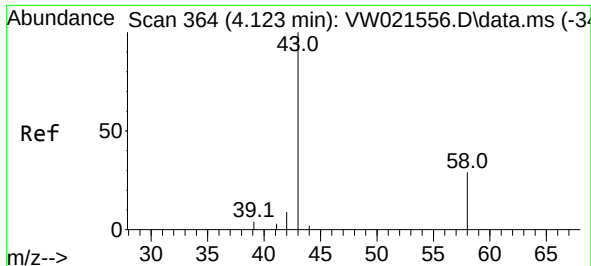
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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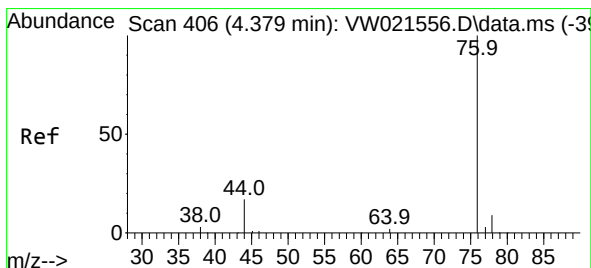
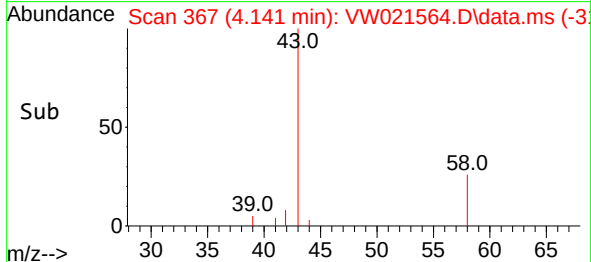
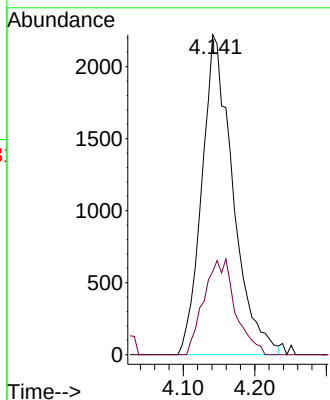
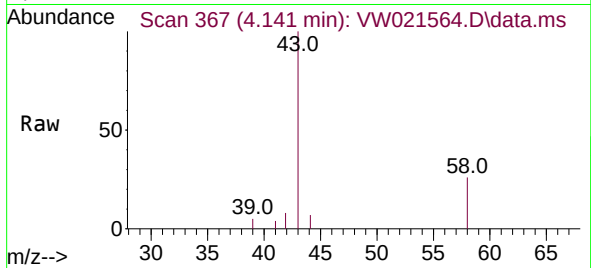




#13
Acetone
Concen: 19.413 ug/L
RT: 4.141 min Scan# 367
Delta R.T. 0.018 min
Lab File: VW021564.D
Acq: 22 Dec 2021 15:41

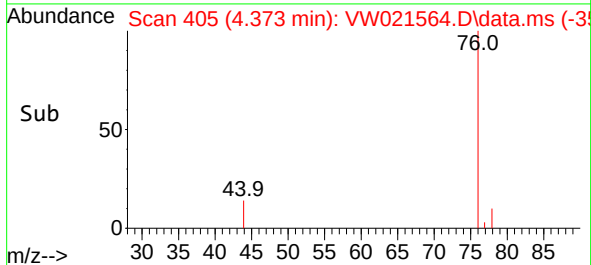
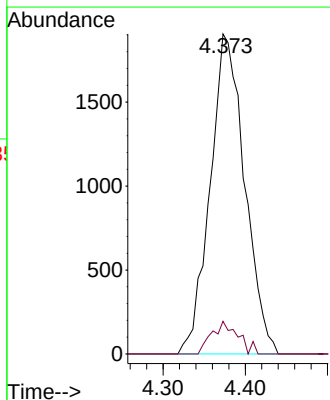
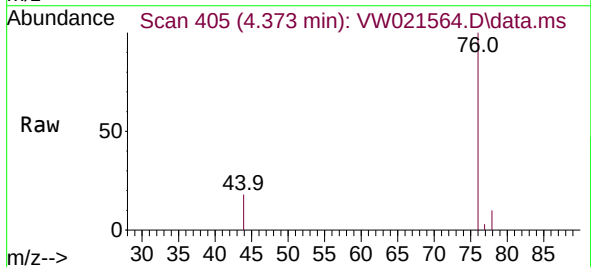
Instrument :
MSVOA_W
ClientSampleId :

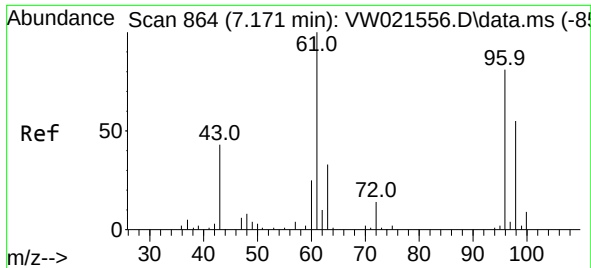
Tgt Ion: 43 Resp: 6709
Ion Ratio Lower Upper
43 100
58 17.9 0.0 52.8



#14
Carbon disulfide
Concen: 1.156 ug/L
RT: 4.373 min Scan# 405
Delta R.T. -0.006 min
Lab File: VW021564.D
Acq: 22 Dec 2021 15:41

Tgt Ion: 76 Resp: 5555
Ion Ratio Lower Upper
76 100
78 10.2 7.1 10.7

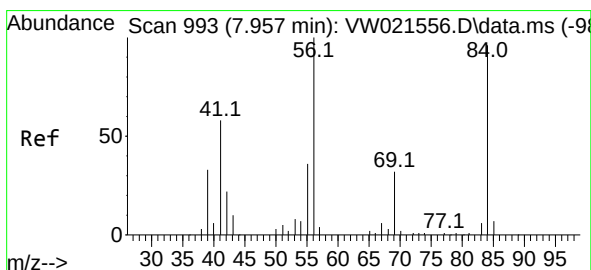
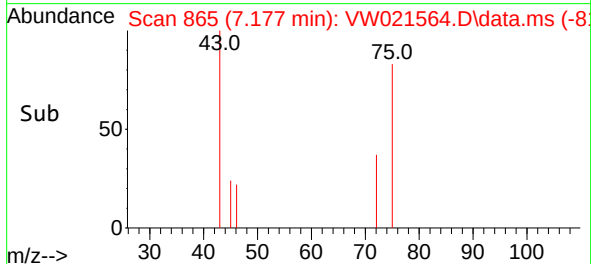
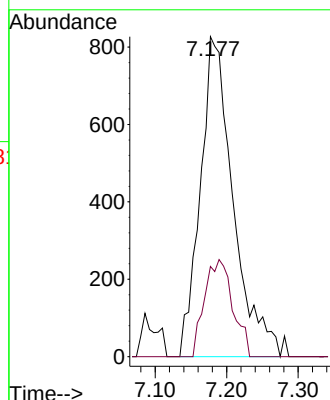
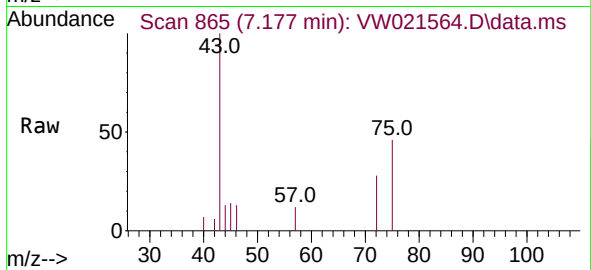




#22
2-Butanone
Concen: 5.847 ug/L
RT: 7.177 min Scan# 80
Delta R.T. 0.006 min
Lab File: VW021564.D
Acq: 22 Dec 2021 15:41

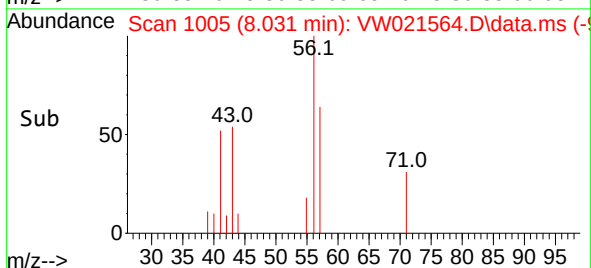
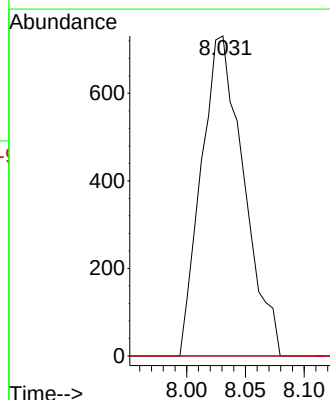
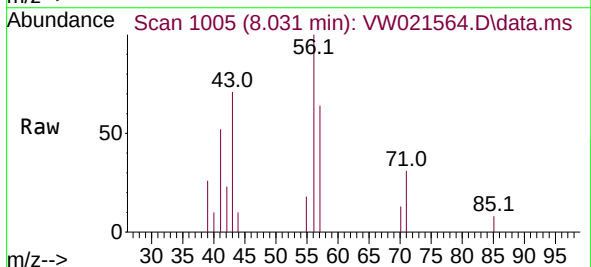
Instrument :
MSVOA_W
ClientSampleId :

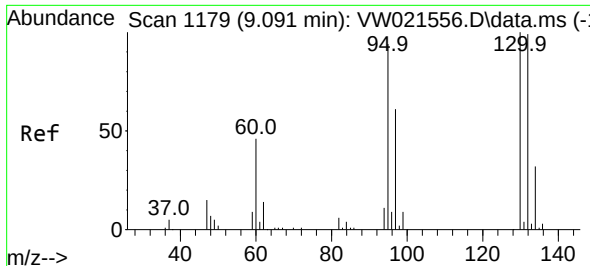
Tgt Ion: 43 Resp: 2639
Ion Ratio Lower Upper
43 100
72 26.0 11.8 35.4



#29
Cyclohexane
Concen: 0.651 ug/L
RT: 8.031 min Scan# 1005
Delta R.T. 0.073 min
Lab File: VW021564.D
Acq: 22 Dec 2021 15:41

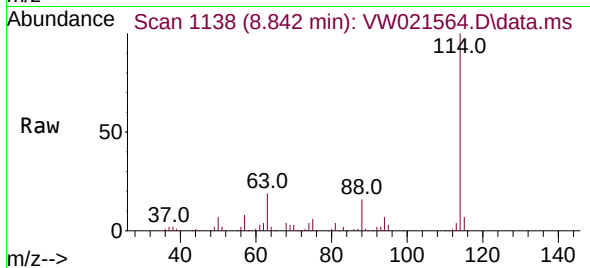
Tgt Ion: 56 Resp: 1841
Ion Ratio Lower Upper
56 100
69 0.0 23.5 35.3#
84 0.0 63.4 95.2#



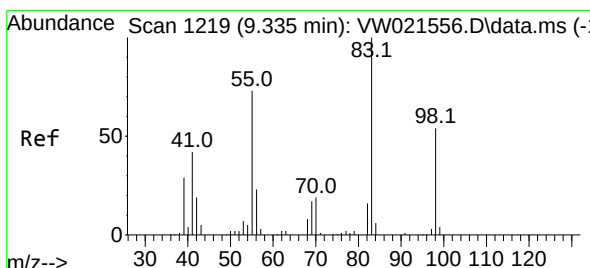
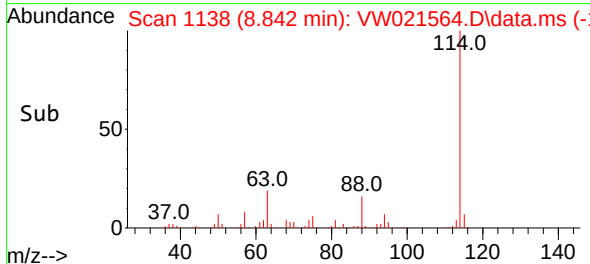
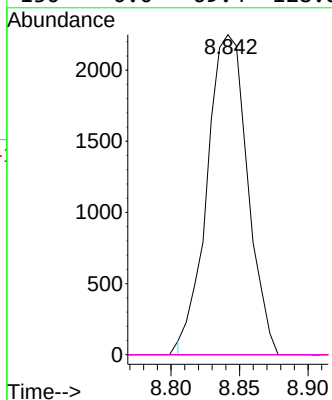


#34
 Trichloroethene
 Concen: 2.123 ug/L
 RT: 8.842 min Scan# 1179
 Delta R.T. -0.250 min
 Lab File: VW021564.D
 Acq: 22 Dec 2021 15:41

Instrument :
 MSVOA_W
 ClientSampleId :

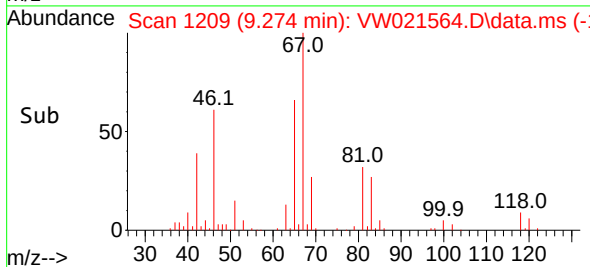
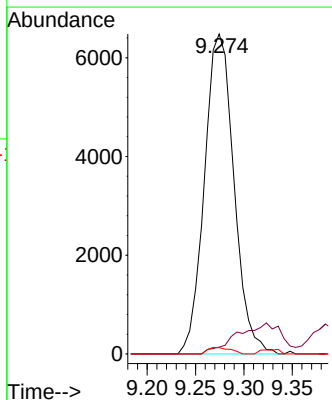
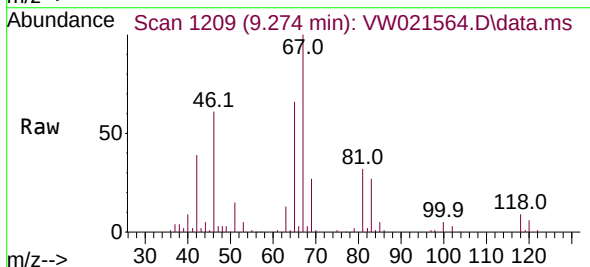


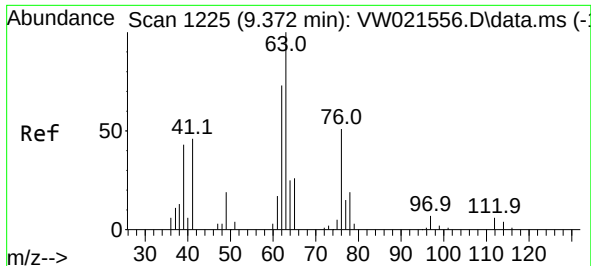
Tgt Ion:	95	Resp:	4614
Ion	Ratio	Lower	Upper
95	100		
97	0.0	47.0	87.2#
132	0.0	65.5	121.6#
130	0.0	69.4	128.8#



#35
 Methylcyclohexane
 Concen: 3.844 ug/L
 RT: 9.274 min Scan# 1209
 Delta R.T. -0.061 min
 Lab File: VW021564.D
 Acq: 22 Dec 2021 15:41

Tgt Ion:	83	Resp:	13780
Ion	Ratio	Lower	Upper
83	100		
55	0.7	70.8	106.2#
98	1.6	37.7	56.5#





#37

1,2-Dichloropropane

Concen: 3.623 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.097 min

Lab File: VW021564.D

Acq: 22 Dec 2021 15:41

Instrument :

MSVOA_W

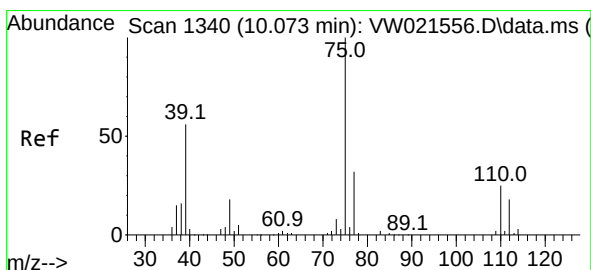
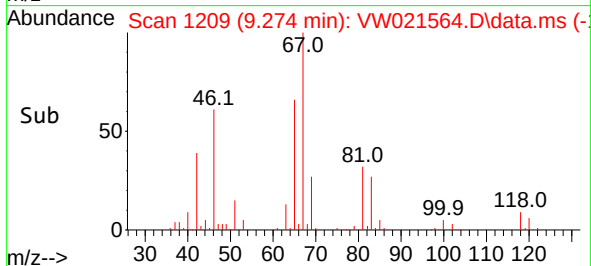
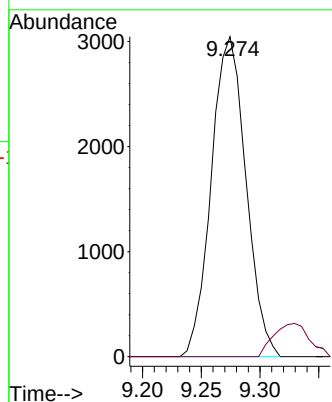
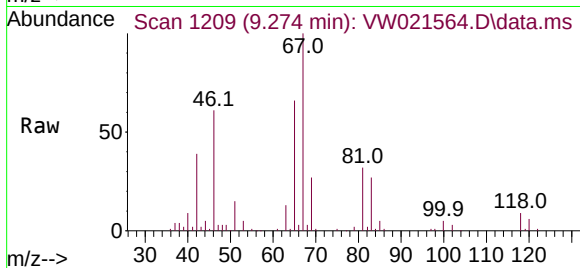
ClientSampleId :

Tgt Ion: 63 Resp: 6256

Ion Ratio Lower Upper

63 100

112 10.7 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.710 ug/L

RT: 10.037 min Scan# 1334

Delta R.T. -0.036 min

Lab File: VW021564.D

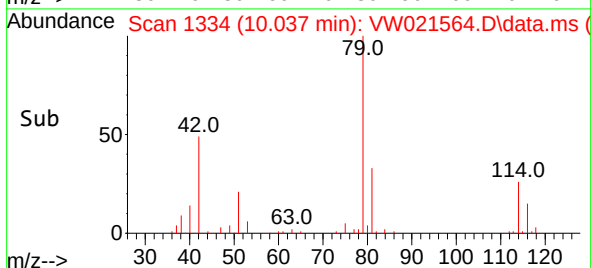
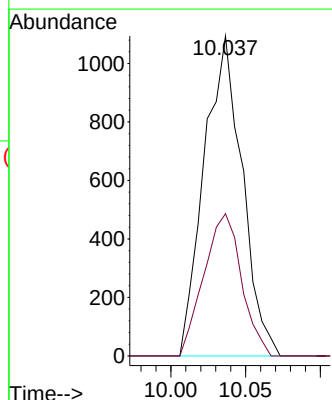
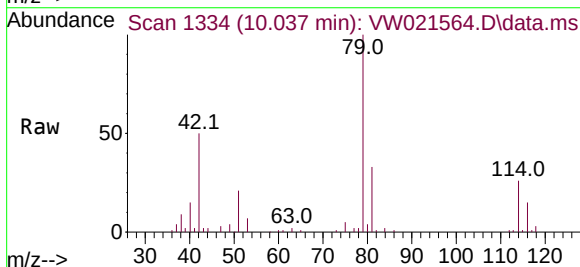
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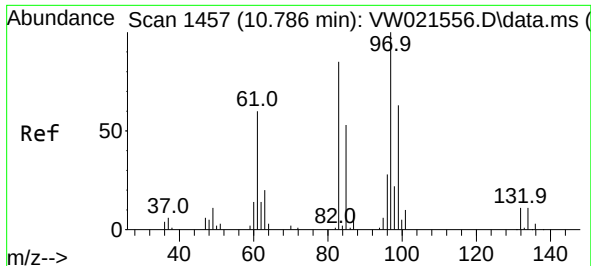
Tgt Ion: 75 Resp: 1932

Ion Ratio Lower Upper

75 100

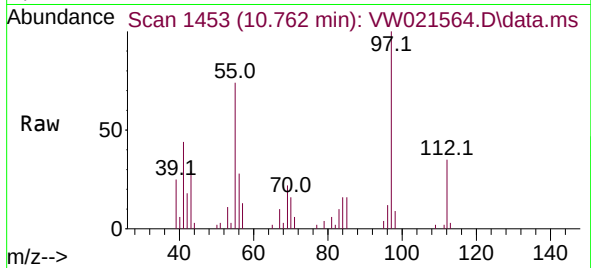
77 44.4 21.8 40.6#



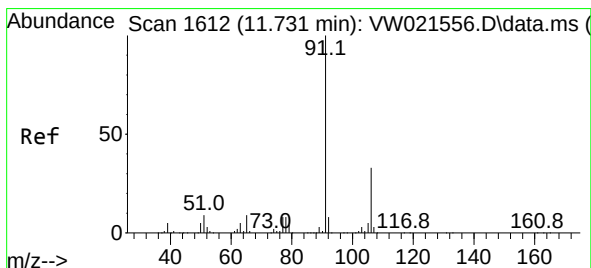
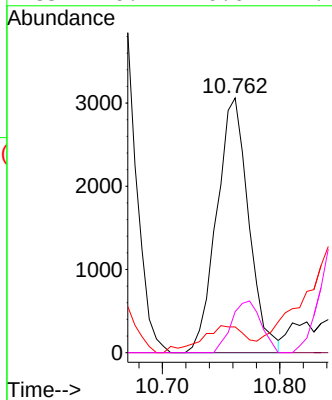
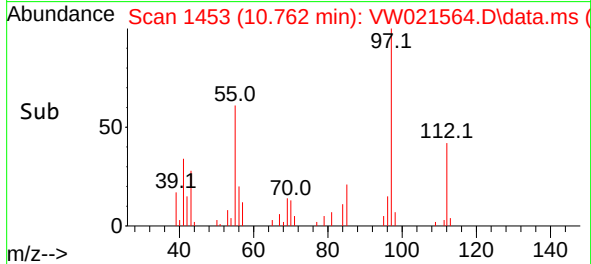


#45
1,1,2-Trichloroethane
Concen: 4.100 ug/L
RT: 10.762 min Scan# 1457
Delta R.T. -0.024 min
Lab File: VW021564.D
Acq: 22 Dec 2021 15:41

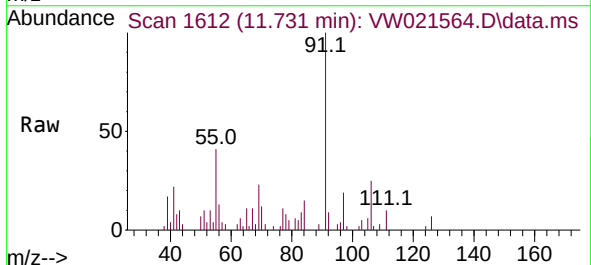
Instrument :
MSVOA_W
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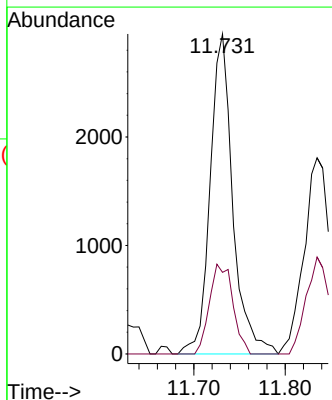
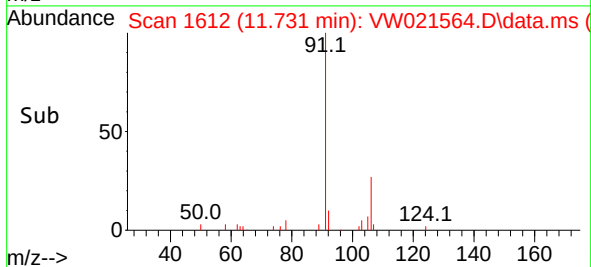
Tgt Ion:	97	Resp:	5795
Ion Ratio	100	Lower	Upper
97	100		
99	0.0	43.0	79.8#
83	10.2	62.6	116.3#
85	16.1	40.0	74.2#

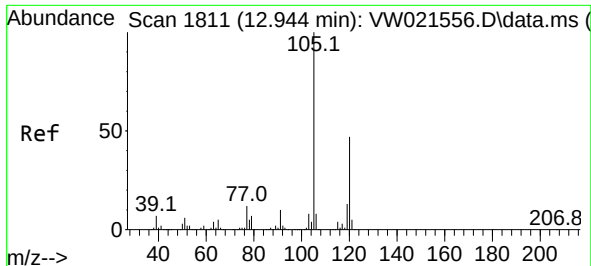


#52
Ethylbenzene
Concen: 0.490 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW021564.D
Acq: 22 Dec 2021 15:41



Tgt Ion:	91	Resp:	5072
Ion Ratio	100	Lower	Upper
91	100		
106	25.5	21.5	39.9





#62

1,3,5-Trimethylbenzene

Concen: 2.472 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.006 min

Lab File: VW021564.D

Acq: 22 Dec 2021 15:41

Instrument :

MSVOA_W

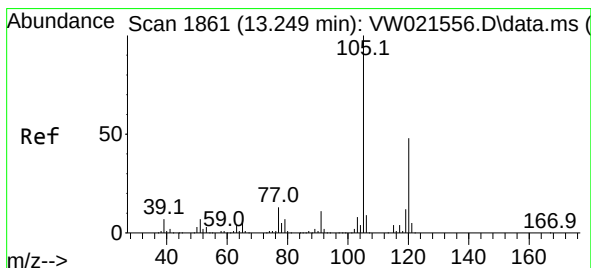
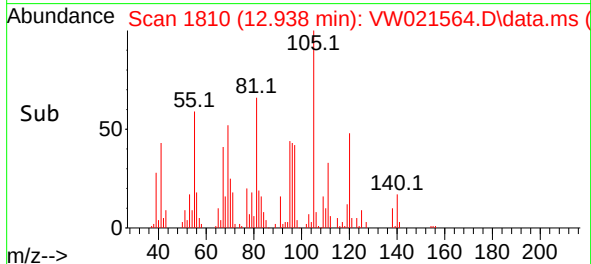
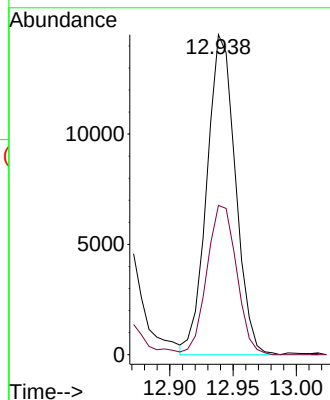
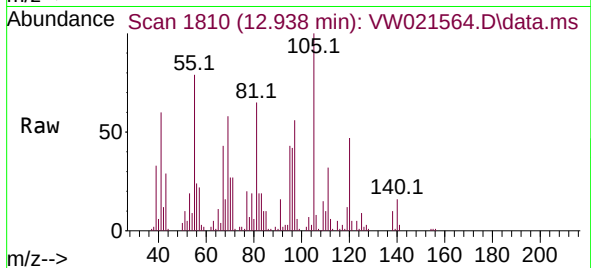
ClientSampleId :

Tgt Ion:105 Resp: 22776

Ion Ratio Lower Upper

105 100

120 48.5 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 5.994 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW021564.D

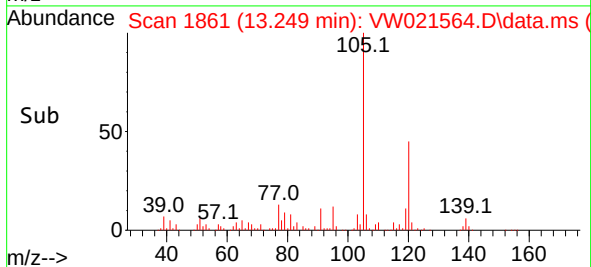
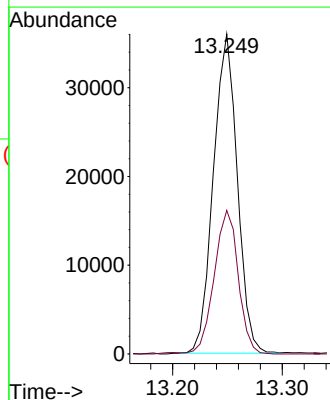
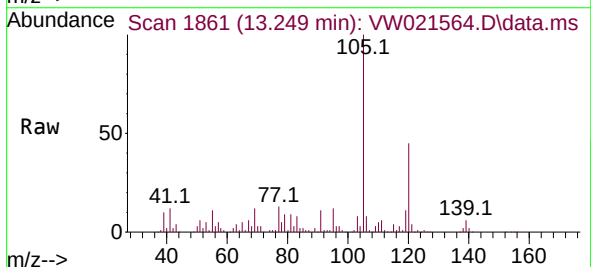
Acq: 22 Dec 2021 15:41

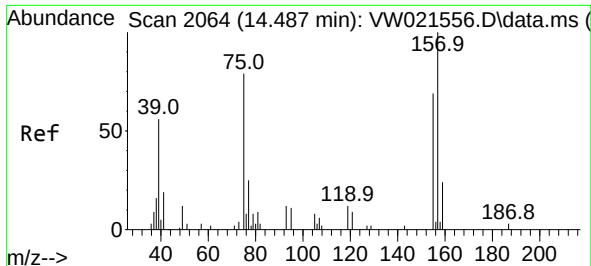
Tgt Ion:105 Resp: 54485

Ion Ratio Lower Upper

105 100

120 45.3 35.0 52.6





#68

1,2-Dibromo-3-chloropropane

Concen: 5.024 ug/L

RT: 14.487 min Scan# 2064

Delta R.T. 0.000 min

Lab File: VW021564.D

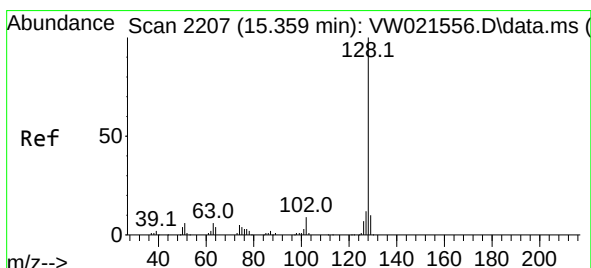
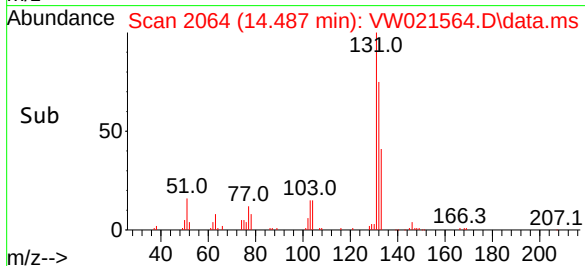
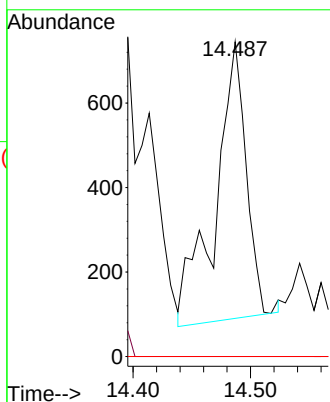
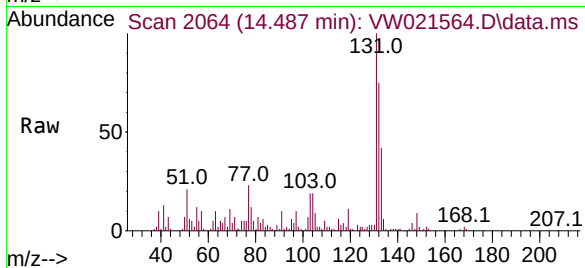
Acq: 22 Dec 2021 15:41

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 75	Resp:	1202
Ion Ratio	Lower	Upper
75	100	
155	0.0	54.2 81.2#
157	0.0	69.4 104.2#



#71

Naphthalene

Concen: 96.443 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. 0.000 min

Lab File: VW021564.D

Acq: 22 Dec 2021 15:41

Tgt Ion: 128	Resp:	481122
Ion Ratio	Lower	Upper
128	100	
127	12.7	10.7 16.1
129	10.5	8.6 12.8

