

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
 Data File : VW021105.D
 Acq On : 04 Dec 2021 08:27
 Operator : SY/VA
 Sample : M4883-19
 Misc : 4.12g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 06 00:47:51 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)

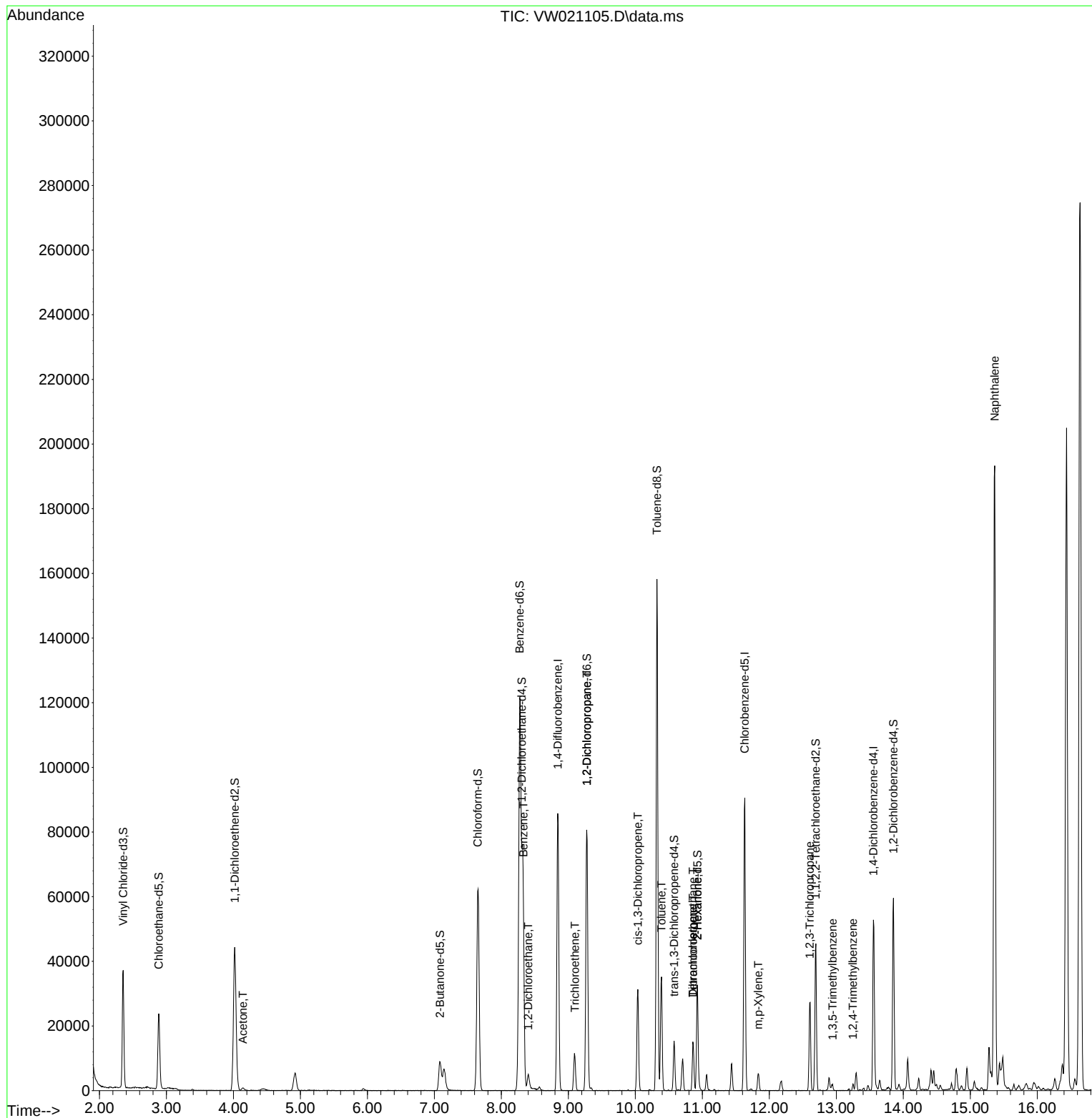
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	75475	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	51233	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	14060	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	34162	32.487	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 129.960%	
7) Chloroethane-d5	2.885	69	26155	37.155	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 148.640%	
11) 1,1-Dichloroethene-d2	4.019	63	40471	24.091	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 96.360%	
21) 2-Butanone-d5	7.086	46	15658	65.280	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 130.560%	
24) Chloroform-d	7.647	84	62393	33.009	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 132.040%	
26) 1,2-Dichloroethane-d4	8.305	65	33108	32.017	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 128.080%	
32) Benzene-d6	8.275	84	120505	46.002	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 184.000%#	
36) 1,2-Dichloropropane-d6	9.274	67	35811	49.192	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 196.760%#	
41) Toluene-d8	10.323	98	100528	37.426	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 149.720%#	
43) trans-1,3-Dichloroprop...	10.579	79	8098	24.498	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 98.000%	
47) 2-Hexanone-d5	10.927	63	10612	76.191	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 152.380%#	
56) 1,1,2,2-Tetrachloroeth...	12.694	84	19980	29.667	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 118.680%	
66) 1,2-Dichlorobenzene-d4	13.853	152	15643	31.052	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 124.200%#	
Target Compounds						
					Qvalue	
13) Acetone	4.141	43	1777	8.133	ug/L	60
27) 1,2-Dichloroethane	8.403	62	3669	3.021	ug/L #	90
33) Benzene	8.329	78	47296	16.234	ug/L	100
34) Trichloroethene	9.098	95	3631	4.517	ug/L	96
37) 1,2-Dichloropropane	9.274	63	4517	6.860	ug/L #	88
39) cis-1,3-Dichloropropene	10.036	75	941	0.883	ug/L #	81
42) Toluene	10.390	91	25335	7.613	ug/L	98
46) Tetrachloroethene	10.859	164	3228	4.386	ug/L	89
48) 2-Hexanone	10.927	43	1795	5.547	ug/L #	67
49) Dibromochloromethane	10.859	129	2758	3.997	ug/L #	10
53) m,p-Xylene	11.835	106	1598	1.031	ug/L	97
61) 1,2,3-Trichloropropane	12.603	75	304	1.291	ug/L #	40
62) 1,3,5-Trimethylbenzene	12.944	105	969	0.592	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	1281	0.778	ug/L	95
71) Naphthalene	15.365	128	168191	162.829	ug/L	99

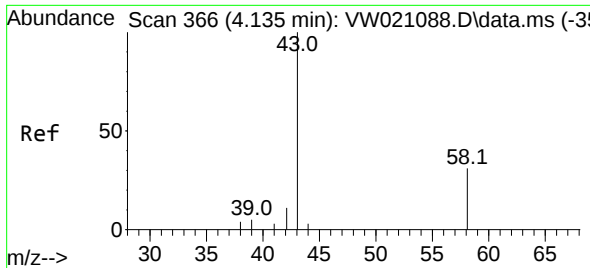
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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





#13

Acetone

Concen: 8.133 ug/L

RT: 4.141 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW021105.D

Acq: 04 Dec 2021 08:27

Instrument :

MSVOA_W

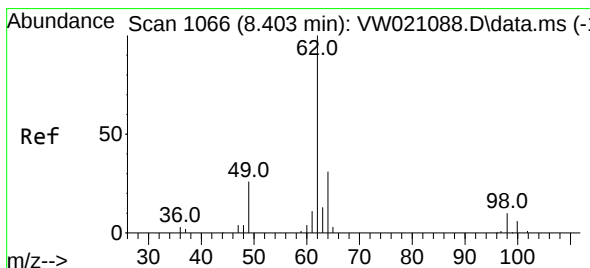
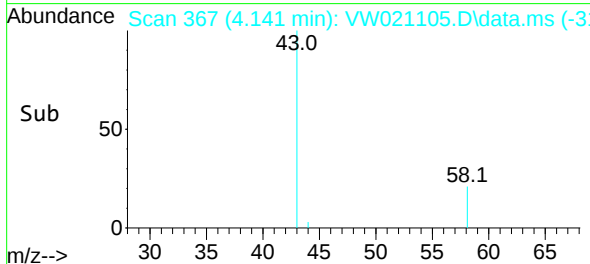
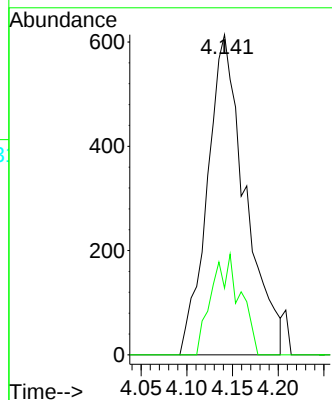
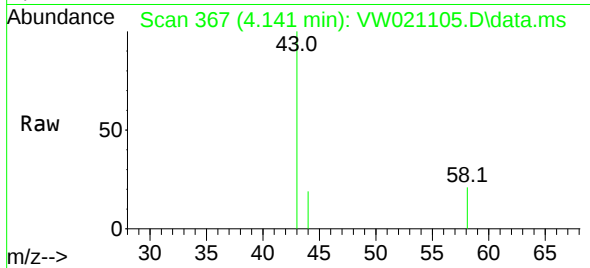
ClientSampleId :

Tgt Ion: 43 Resp: 1777

Ion Ratio Lower Upper

43 100

58 6.0 0.0 52.8



#27

1,2-Dichloroethane

Concen: 3.021 ug/L

RT: 8.403 min Scan# 1066

Delta R.T. -0.000 min

Lab File: VW021105.D

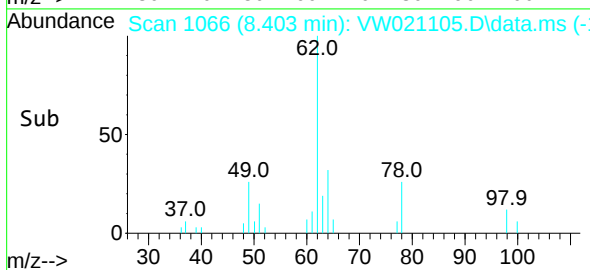
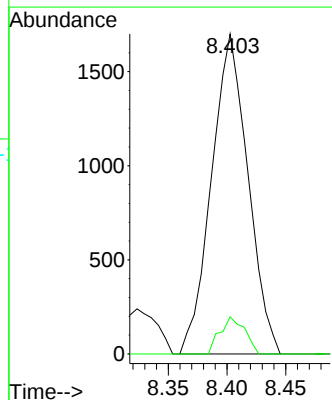
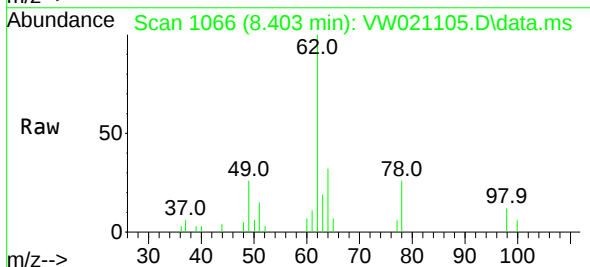
Acq: 04 Dec 2021 08:27

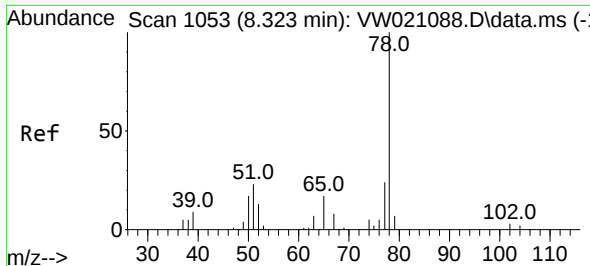
Tgt Ion: 62 Resp: 3669

Ion Ratio Lower Upper

62 100

98 11.6 6.5 9.7#

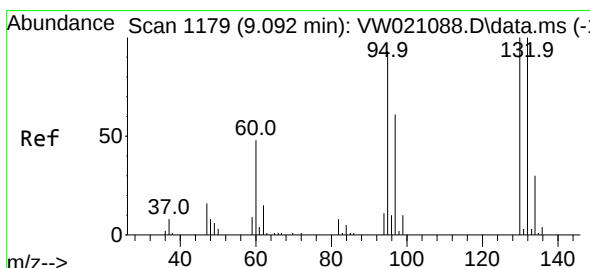
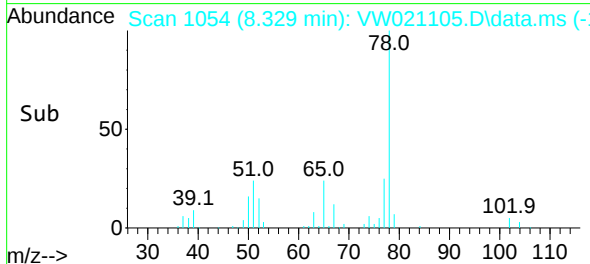
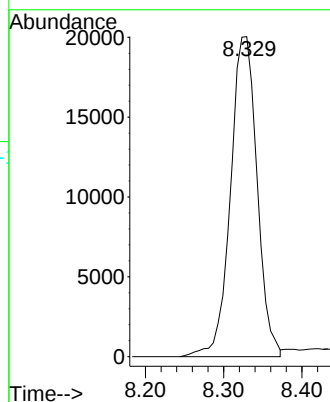
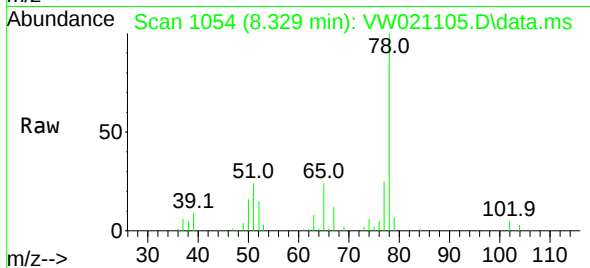




#33
Benzene
Concen: 16.234 ug/L
RT: 8.329 min Scan# 1180
Delta R.T. 0.006 min
Lab File: VW021105.D
Acq: 04 Dec 2021 08:27

Instrument :
MSVOA_W
ClientSampleId :

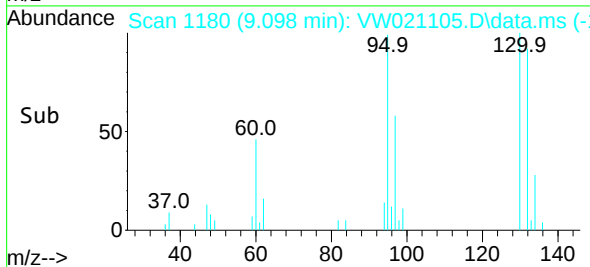
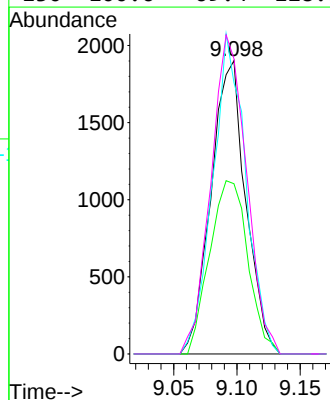
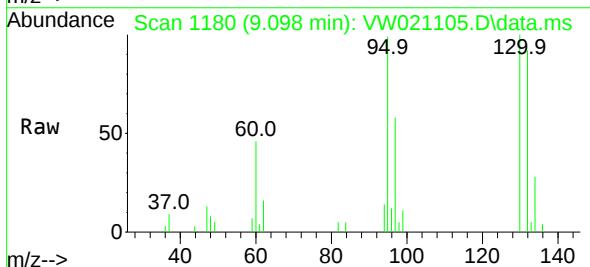
Tgt Ion: 78 Resp: 47296

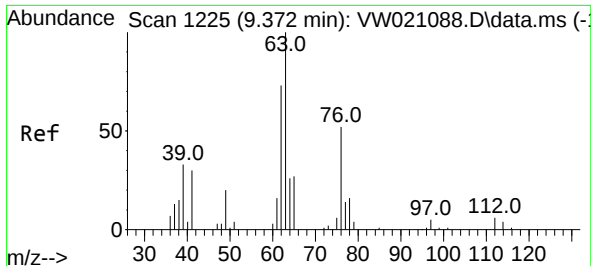


#34
Trichloroethene
Concen: 4.517 ug/L
RT: 9.098 min Scan# 1180
Delta R.T. 0.006 min
Lab File: VW021105.D
Acq: 04 Dec 2021 08:27

Tgt Ion: 95 Resp: 3631

Ion	Ratio	Lower	Upper
95	100		
97	58.0	47.0	87.2
132	92.5	65.5	121.6
130	100.6	69.4	128.8





#37

1,2-Dichloropropane

Concen: 6.860 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.098 min

Lab File: VW021105.D

Acq: 04 Dec 2021 08:27

Instrument :

MSVOA_W

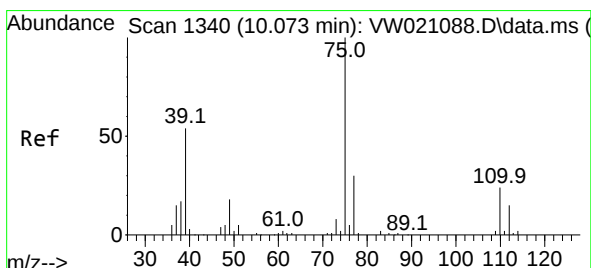
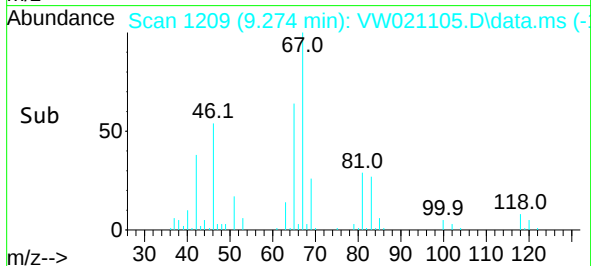
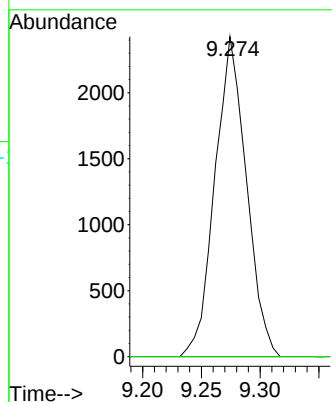
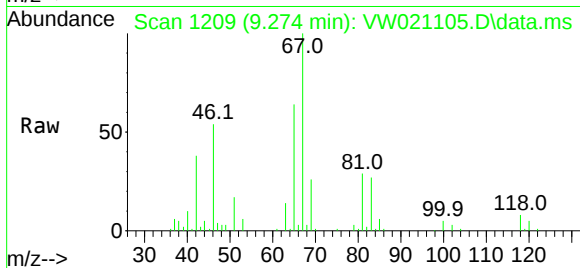
ClientSampleId :

Tgt Ion: 63 Resp: 4517

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.883 ug/L

RT: 10.036 min Scan# 1334

Delta R.T. -0.037 min

Lab File: VW021105.D

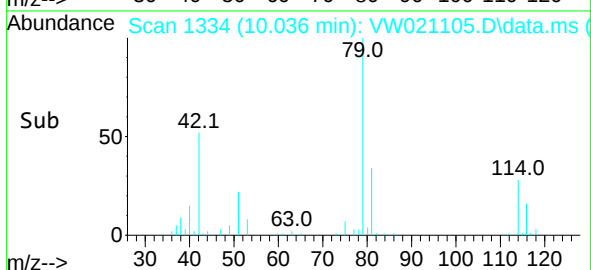
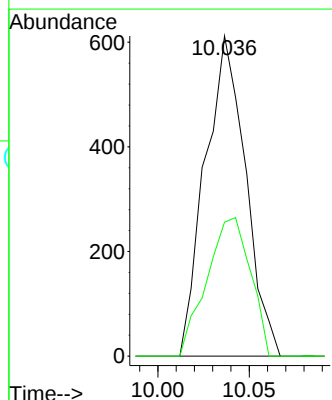
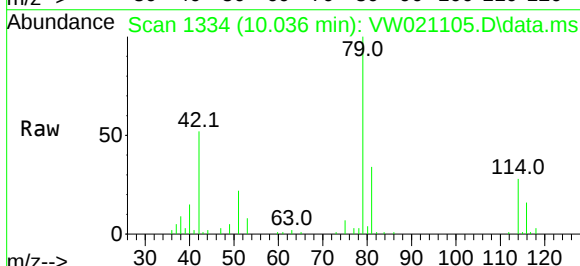
Acq: 04 Dec 2021 08:27

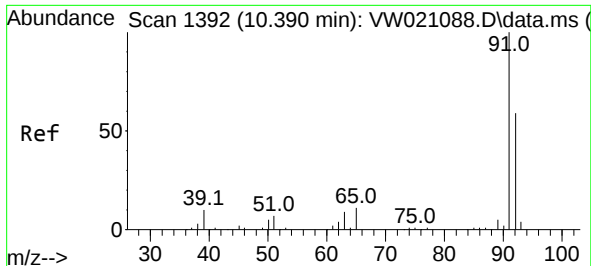
Tgt Ion: 75 Resp: 941

Ion Ratio Lower Upper

75 100

77 41.8 21.8 40.6#

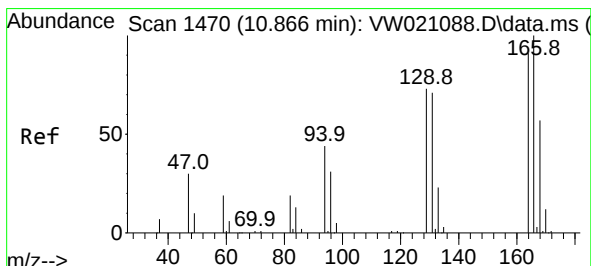
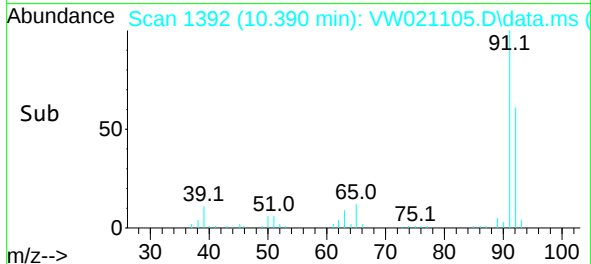
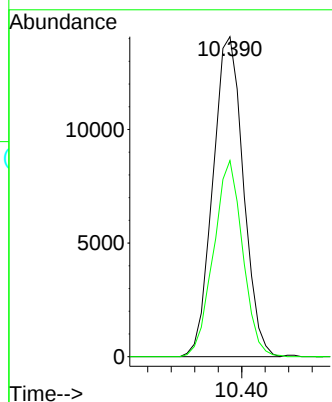
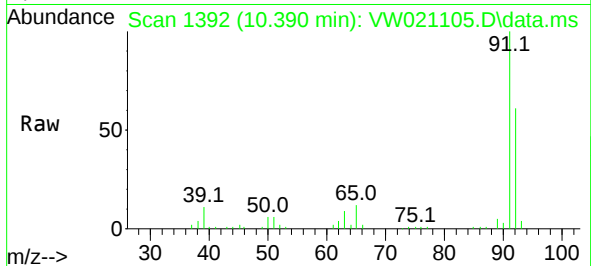




#42
Toluene
Concen: 7.613 ug/L
RT: 10.390 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW021105.D
Acq: 04 Dec 2021 08:27

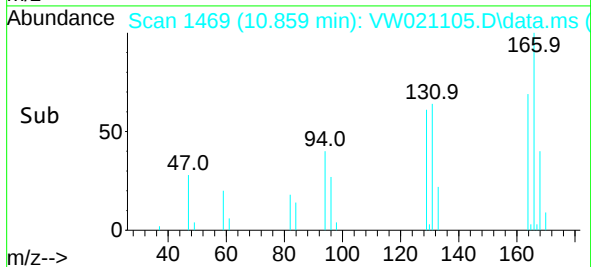
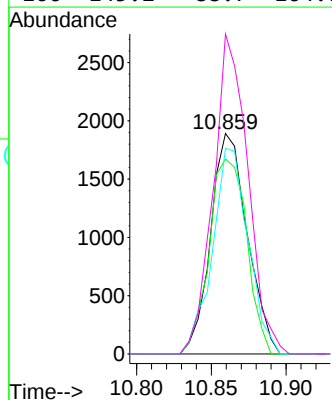
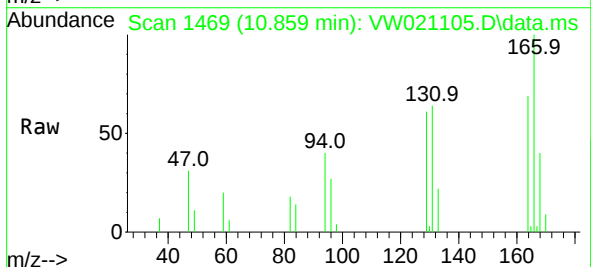
Instrument :
MSVOA_W
ClientSampleId :

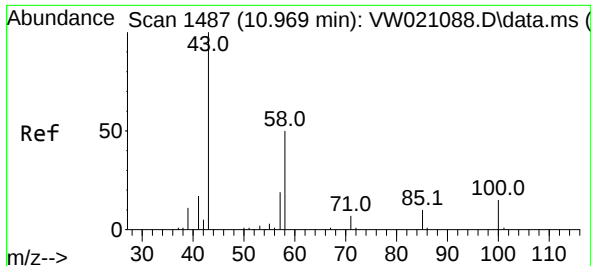
Tgt Ion: 91 Resp: 25335
Ion Ratio Lower Upper
91 100
92 61.3 41.7 77.5



#46
Tetrachloroethene
Concen: 4.386 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW021105.D
Acq: 04 Dec 2021 08:27

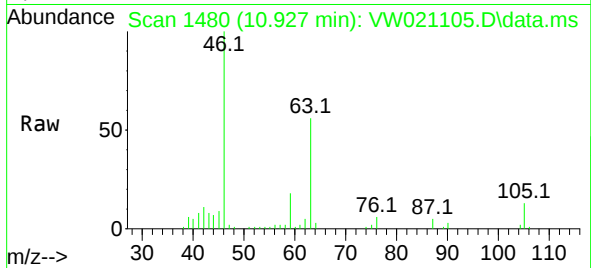
Tgt Ion:164 Resp: 3228
Ion Ratio Lower Upper
164 100
129 88.5 65.5 121.7
131 93.3 59.7 110.9
166 145.2 88.7 164.7



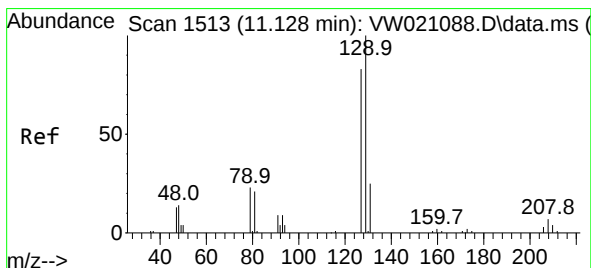
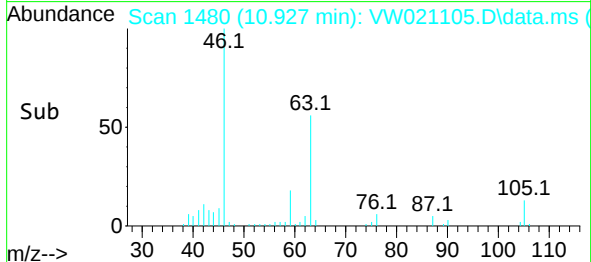
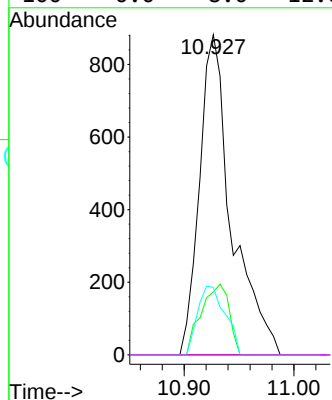


#48
2-Hexanone
Concen: 5.547 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.043 min
Lab File: VW021105.D
Acq: 04 Dec 2021 08:27

Instrument :
MSVOA_W
ClientSampleId :

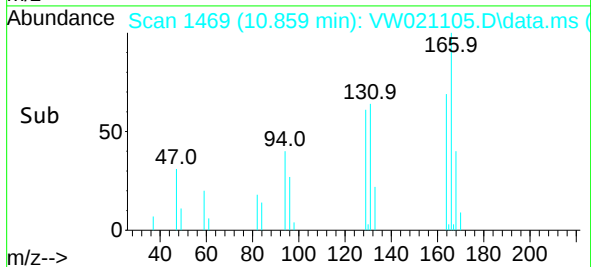
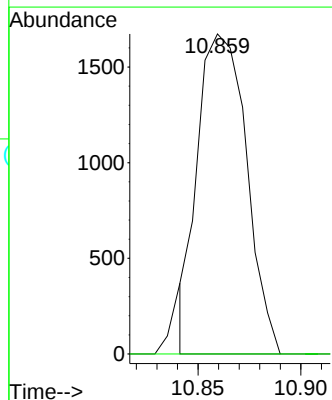
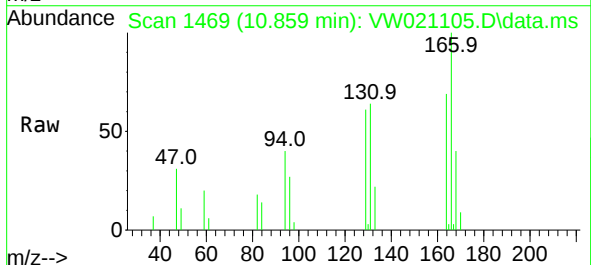


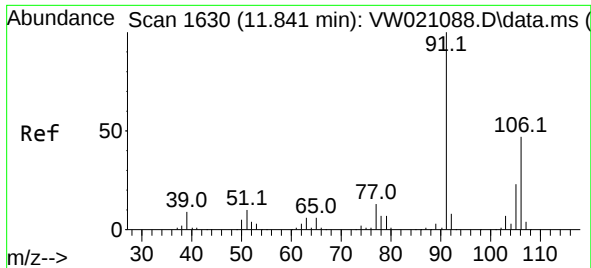
Tgt Ion: 43 Resp: 1795
Ion Ratio Lower Upper
43 100
58 19.1 40.2 60.2#
57 18.5 14.3 21.5
100 0.0 8.0 12.0#



#49
Dibromochloromethane
Concen: 3.997 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.268 min
Lab File: VW021105.D
Acq: 04 Dec 2021 08:27

Tgt Ion: 129 Resp: 2758
Ion Ratio Lower Upper
129 100
127 0.0 55.7 103.5#

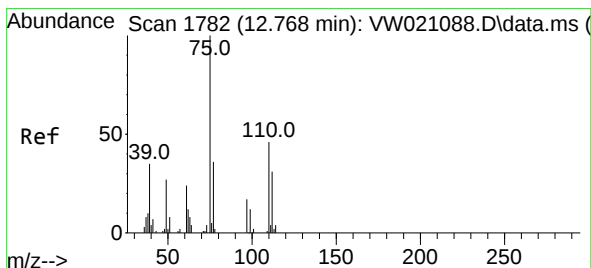
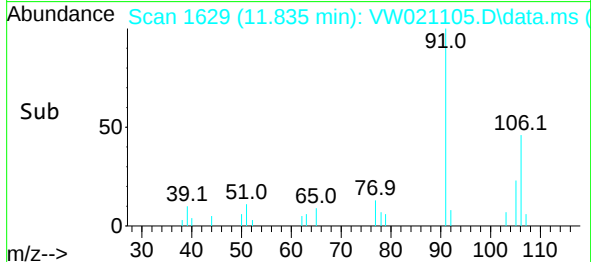
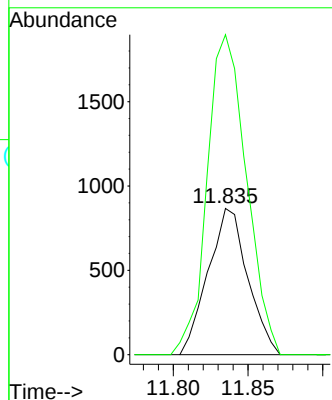
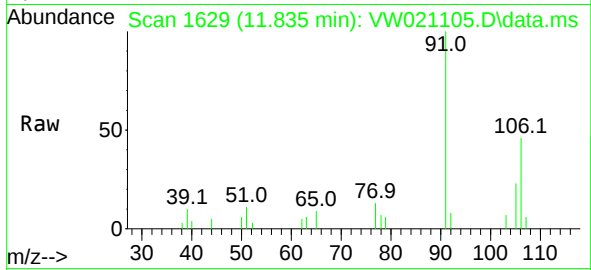




#53
m,p-Xylene
Concen: 1.031 ug/L
RT: 11.835 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW021105.D
Acq: 04 Dec 2021 08:27

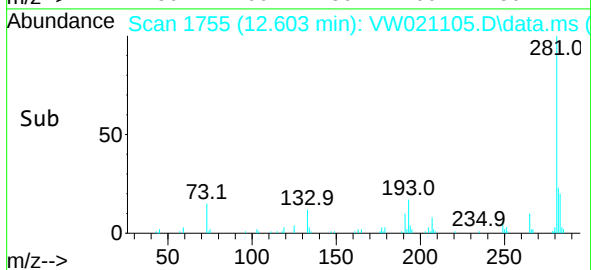
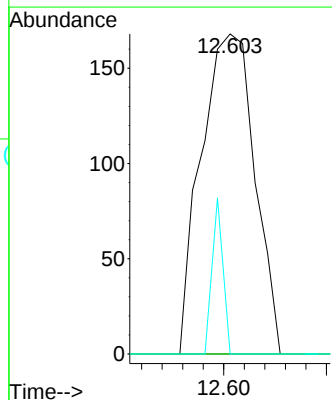
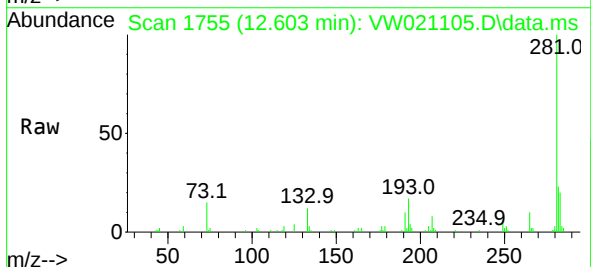
Instrument :
MSVOA_W
ClientSampleId :

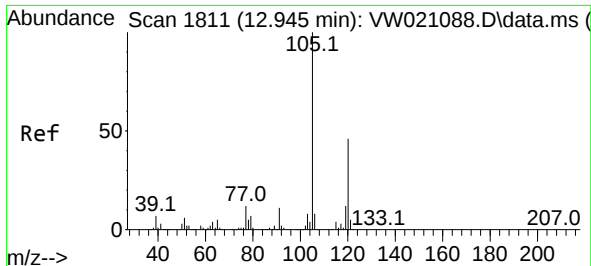
Tgt Ion:106 Resp: 1598
Ion Ratio Lower Upper
106 100
91 218.8 149.9 278.3



#61
1,2,3-Trichloropropane
Concen: 1.291 ug/L
RT: 12.603 min Scan# 1755
Delta R.T. -0.165 min
Lab File: VW021105.D
Acq: 04 Dec 2021 08:27

Tgt Ion: 75 Resp: 304
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: 0.592 ug/L

RT: 12.944 min Scan# 1811

Delta R.T. -0.000 min

Lab File: VW021105.D

Acq: 04 Dec 2021 08:27

Instrument :

MSVOA_W

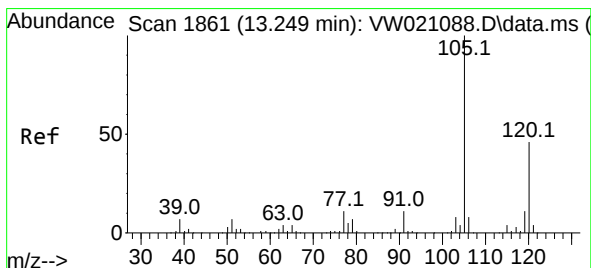
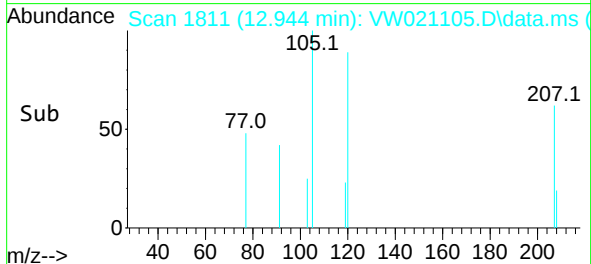
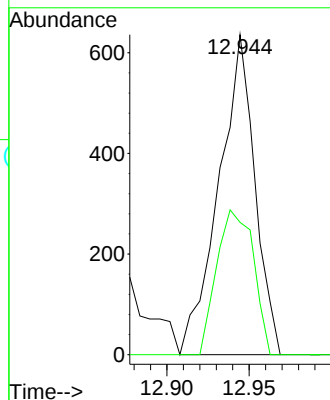
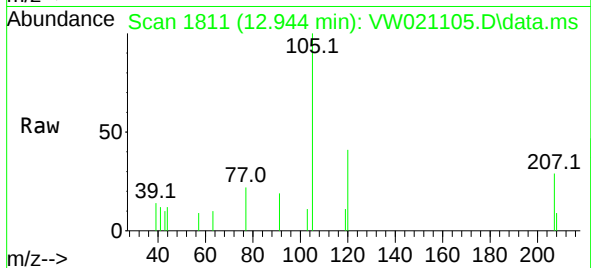
ClientSampleId :

Tgt Ion:105 Resp: 969

Ion Ratio Lower Upper

105 100

120 46.0 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 0.778 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW021105.D

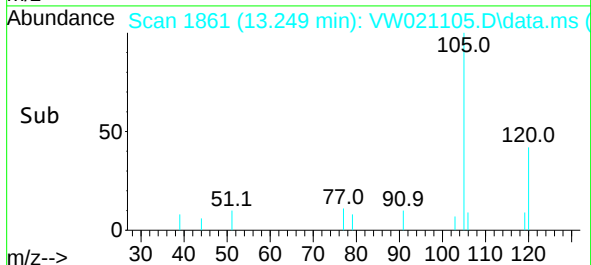
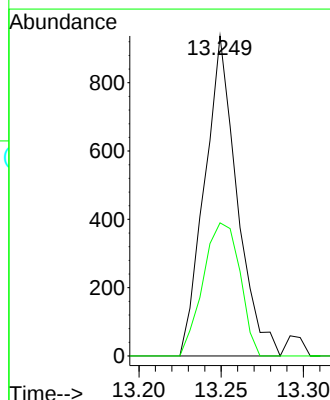
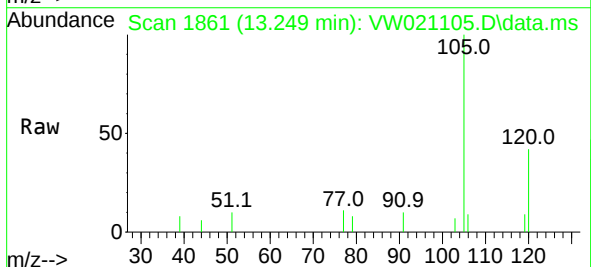
Acq: 04 Dec 2021 08:27

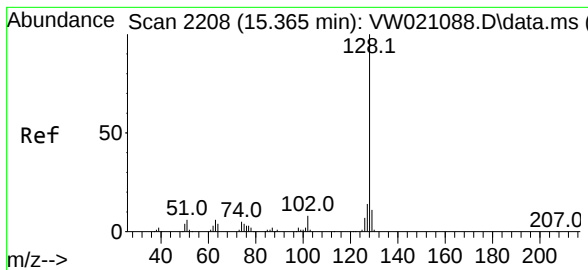
Tgt Ion:105 Resp: 1281

Ion Ratio Lower Upper

105 100

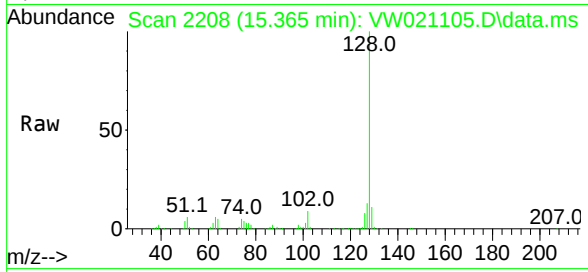
120 47.2 35.0 52.6





#71
Naphthalene
Concen: 162.829 ug/L
RT: 15.365 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW021105.D
Acq: 04 Dec 2021 08:27

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:	128	Resp:	168191
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.7	16.1
129	11.3	8.6	12.8

