

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122921\
 Data File : VW021692.D
 Acq On : 29 Dec 2021 16:24
 Operator : SY/VA
 Sample : M5233-05
 Misc : 8.44g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 30 01:19:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 30 01:18:20 2021
 Response via : Initial Calibration

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

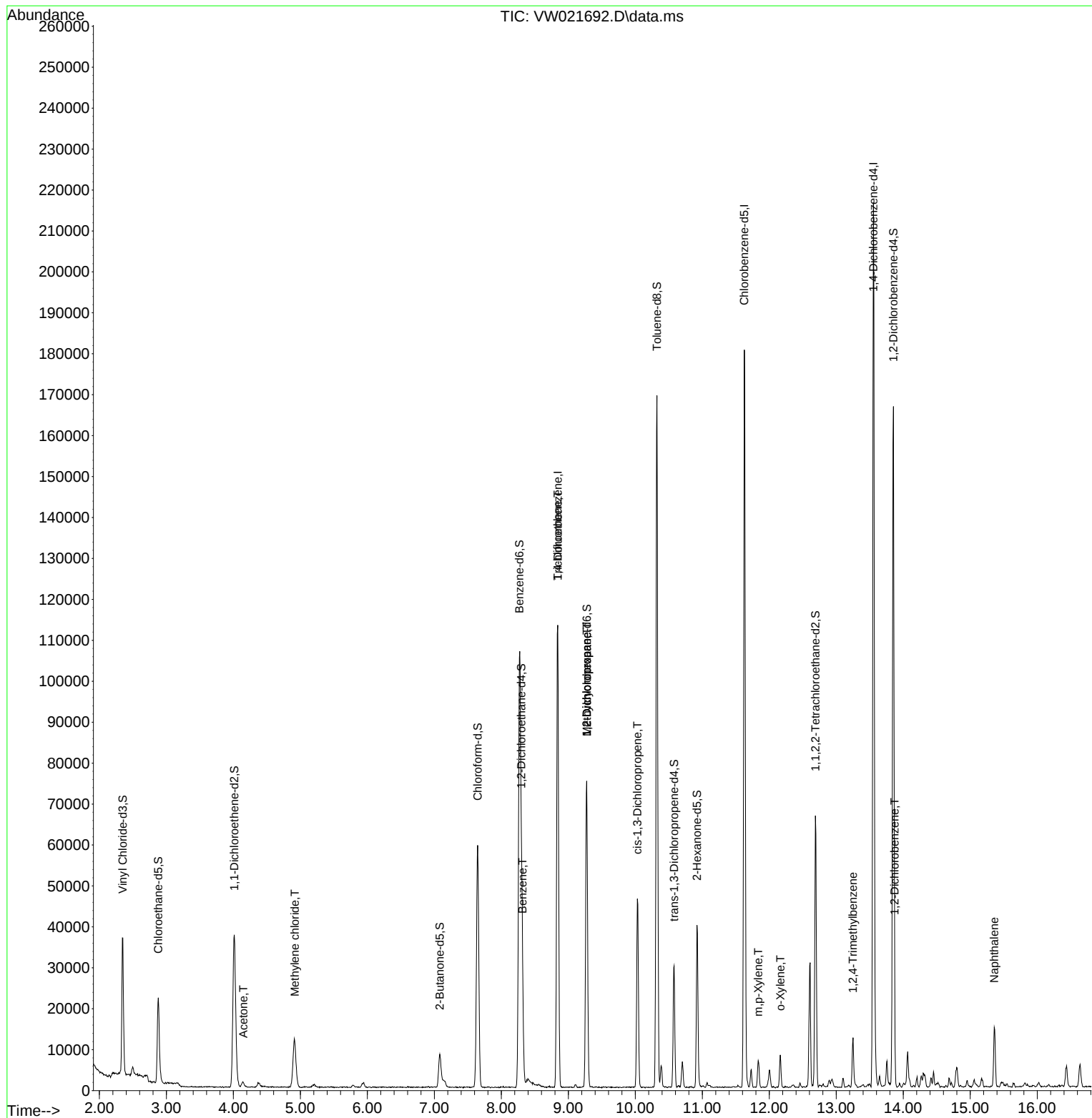
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	98826	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	100045	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	56582	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	33518	17.202	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.800%
7) Chloroethane-d5	2.879	69	24503	18.671	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.680%
11) 1,1-Dichloroethene-d2	4.013	63	35273	12.370	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	49.480%
21) 2-Butanone-d5	7.080	46	13870	48.654	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.300%
24) Chloroform-d	7.647	84	59220	19.183	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.720%
26) 1,2-Dichloroethane-d4	8.299	65	33775	20.720	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.880%
32) Benzene-d6	8.269	84	110618	18.621	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	74.480%
36) 1,2-Dichloropropane-d6	9.275	67	31450	19.516	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	78.080%
41) Toluene-d8	10.323	98	109547	18.508	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.040%
43) trans-1,3-Dichloroprop...	10.579	79	15951	20.342	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.360%
47) 2-Hexanone-d5	10.921	63	12857	52.607	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	105.220%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	30250	22.769	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.080%
66) 1,2-Dichlorobenzene-d4	13.853	152	44803	20.706	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.840%
Target Compounds						
					Qvalue	
13) Acetone	4.147	43	2441	10.085	ug/L	68
16) Methylene chloride	4.916	84	9438	5.350	ug/L	77
33) Benzene	8.317	78	4959	0.812	ug/L	100
34) Trichloroethene	8.842	95	2829	1.633	ug/L	# 5
35) Methylcyclohexane	9.275	83	8436	2.951	ug/L	# 14
37) 1,2-Dichloropropane	9.275	63	4154	3.071	ug/L	# 88
39) cis-1,3-Dichloropropene	10.031	75	1447	0.655	ug/L	# 76
53) m,p-Xylene	11.835	106	2165	0.683	ug/L	76
54) o-Xylene	12.164	106	2038	0.678	ug/L	98
63) 1,2,4-Trimethylbenzene	13.249	105	6728	1.016	ug/L	98
67) 1,2-Dichlorobenzene	13.871	146	2113	0.650	ug/L	97
71) Naphthalene	15.359	128	13151	3.701	ug/L	98

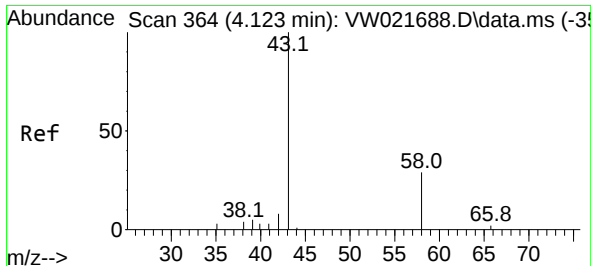
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122921\
Data File : VW021692.D
Acq On : 29 Dec 2021 16:24
Operator : SY/VA
Sample : M5233-05
Misc : 8.44g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Dec 30 01:19:46 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Dec 30 01:18:20 2021
Response via : Initial Calibration

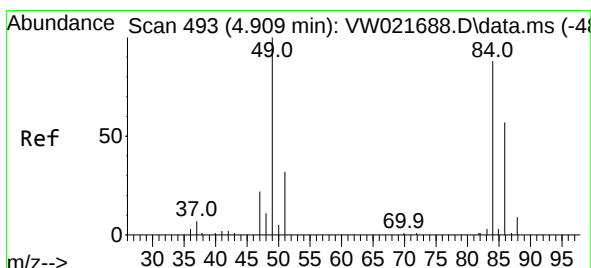
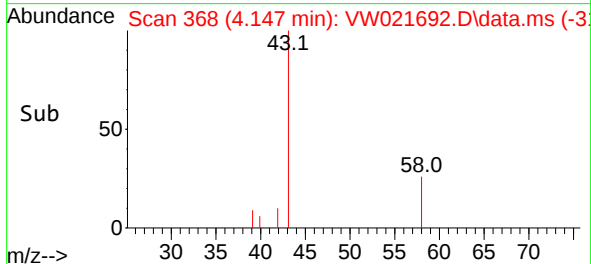
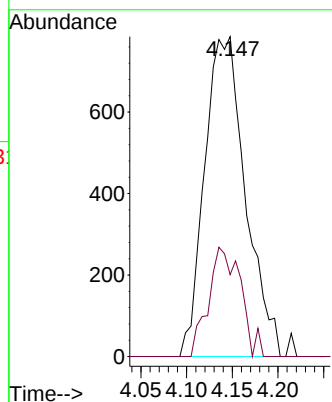
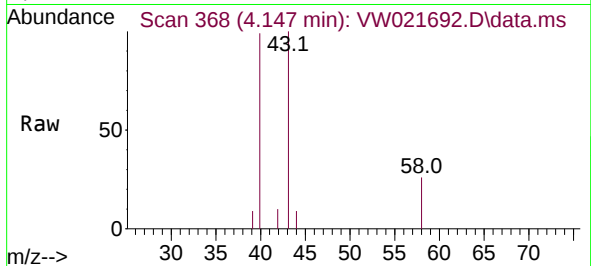




#13
Acetone
Concen: 10.085 ug/L
RT: 4.147 min Scan# 368
Delta R.T. 0.025 min
Lab File: VW021692.D
Acq: 29 Dec 2021 16:24

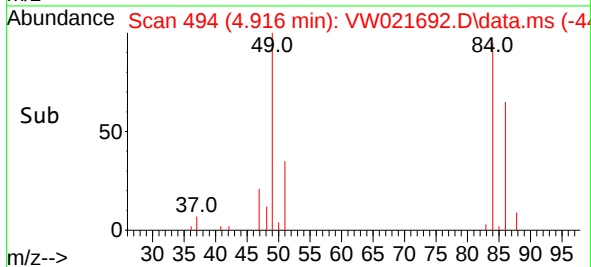
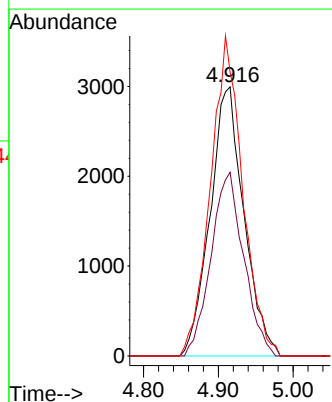
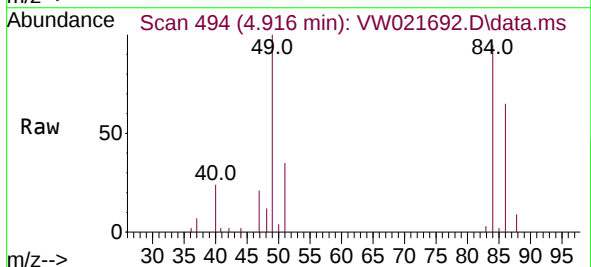
Instrument :
MSVOA_W
ClientSampleId :

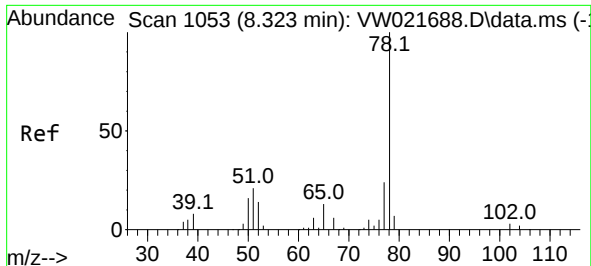
Tgt Ion: 43 Resp: 2441
Ion Ratio Lower Upper
43 100
58 9.8 0.0 52.8



#16
Methylene chloride
Concen: 5.350 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.006 min
Lab File: VW021692.D
Acq: 29 Dec 2021 16:24

Tgt Ion: 84 Resp: 9438
Ion Ratio Lower Upper
84 100
86 68.2 45.5 84.5
49 105.4 100.5 186.7

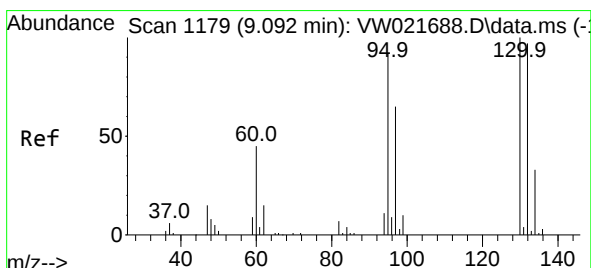
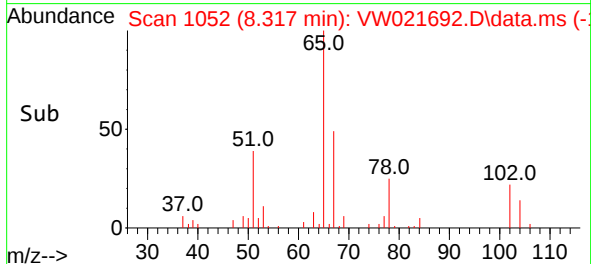
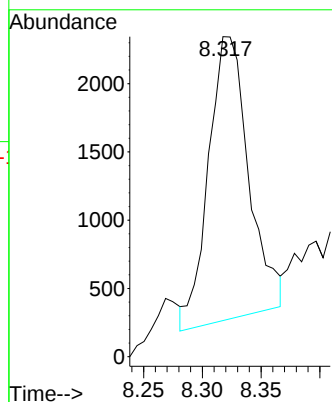
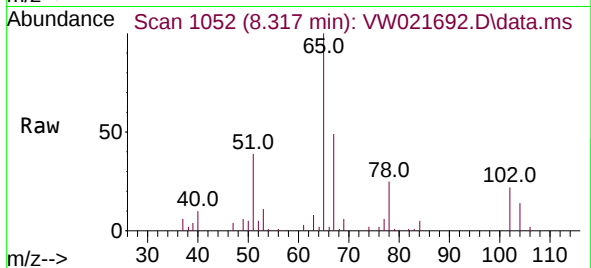




#33
Benzene
Concen: 0.812 ug/L
RT: 8.317 min Scan# 1138
Delta R.T. -0.006 min
Lab File: VW021692.D
Acq: 29 Dec 2021 16:24

Instrument :
MSVOA_W
ClientSampleId :

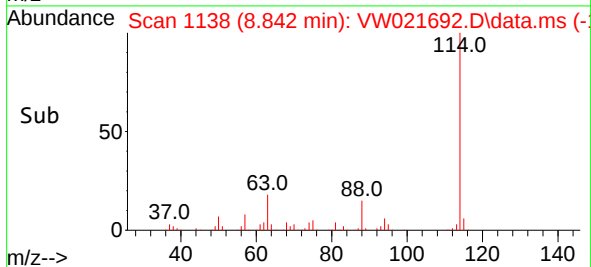
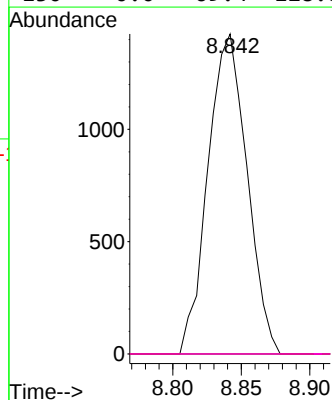
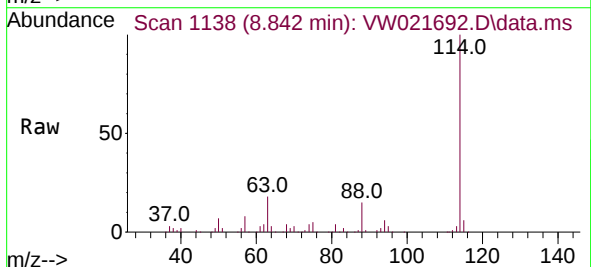
Tgt Ion: 78 Resp: 4959

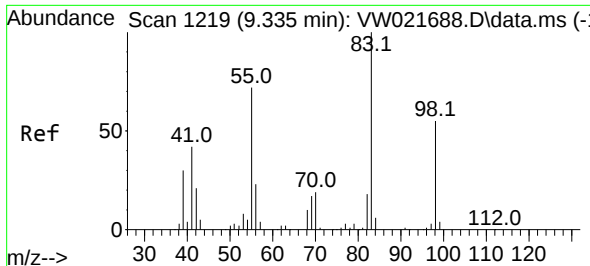


#34
Trichloroethene
Concen: 1.633 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW021692.D
Acq: 29 Dec 2021 16:24

Tgt Ion: 95 Resp: 2829

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#

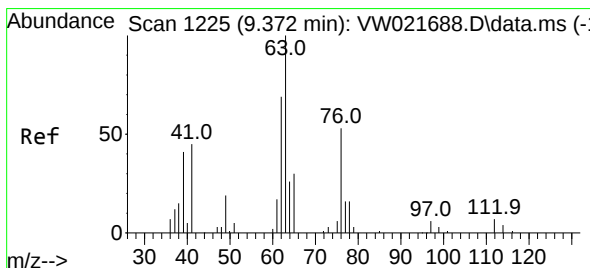
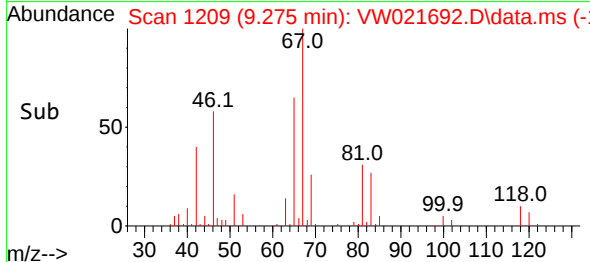
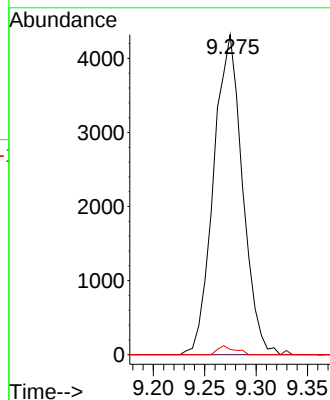
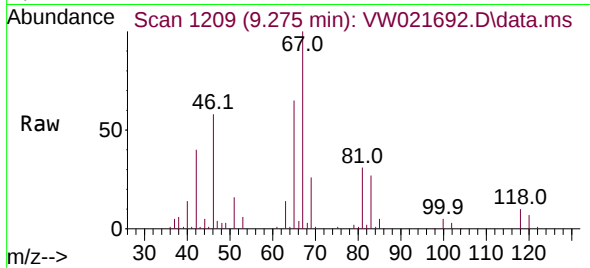




#35
Methylcyclohexane
Concen: 2.951 ug/L
RT: 9.275 min Scan# 11
Delta R.T. -0.061 min
Lab File: VW021692.D
Acq: 29 Dec 2021 16:24

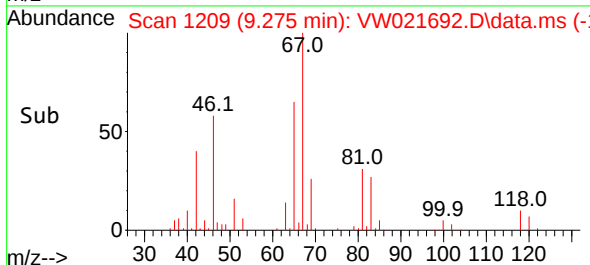
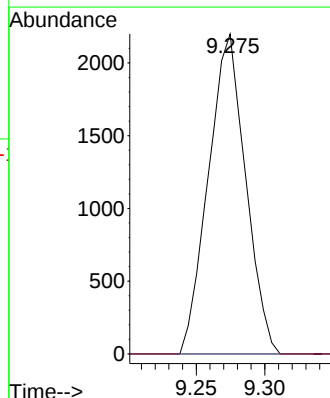
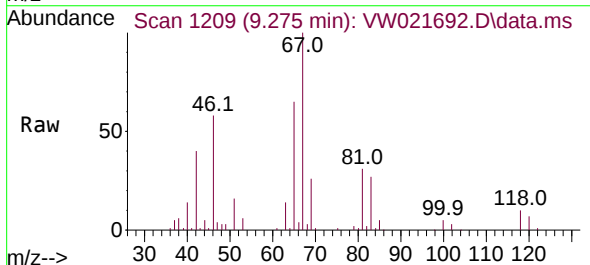
Instrument :
MSVOA_W
ClientSampleId :

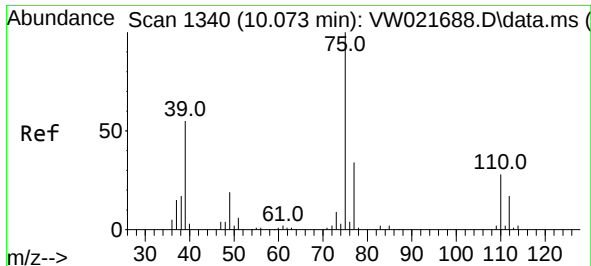
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	70.8	106.2#
98	1.4	37.7	56.5#



#37
1,2-Dichloropropane
Concen: 3.071 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.097 min
Lab File: VW021692.D
Acq: 29 Dec 2021 16:24

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





#39

cis-1,3-Dichloropropene

Concen: 0.655 ug/L

RT: 10.031 min Scan# 11

Delta R.T. -0.043 min

Lab File: VW021692.D

Acq: 29 Dec 2021 16:24

Instrument :

MSVOA_W

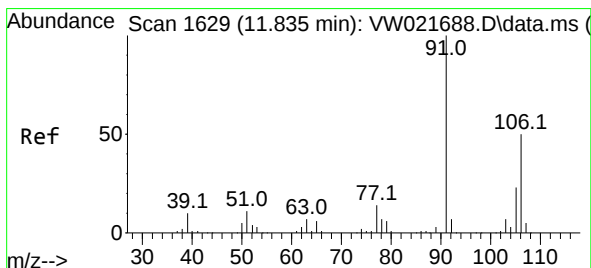
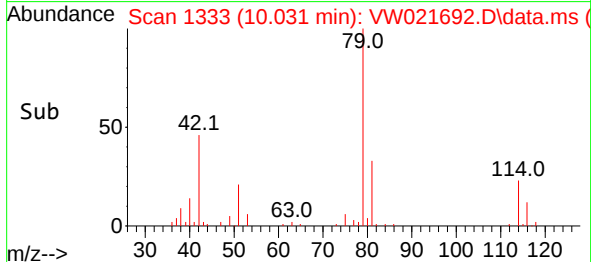
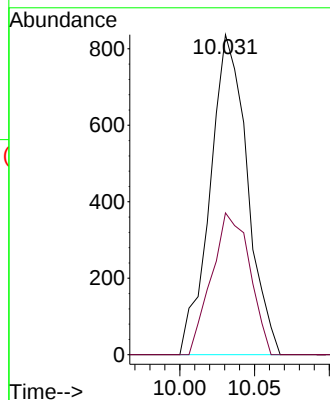
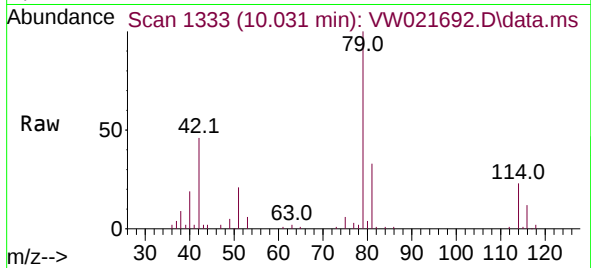
ClientSampleId :

Tgt Ion: 75 Resp: 1447

Ion Ratio Lower Upper

75 100

77 44.3 21.8 40.6#



#53

m,p-Xylene

Concen: 0.683 ug/L

RT: 11.835 min Scan# 1629

Delta R.T. 0.000 min

Lab File: VW021692.D

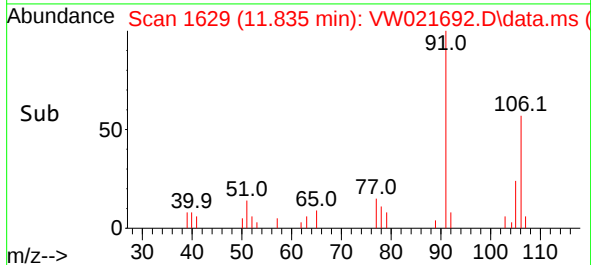
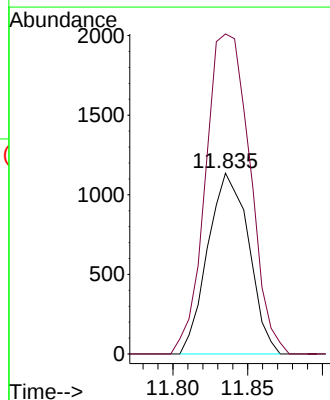
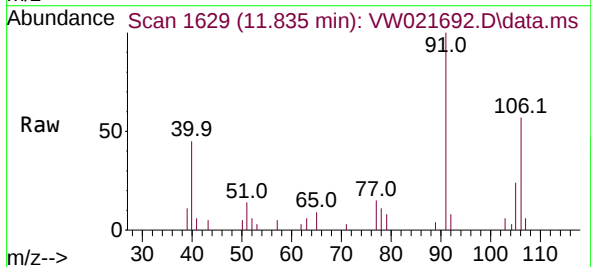
Acq: 29 Dec 2021 16:24

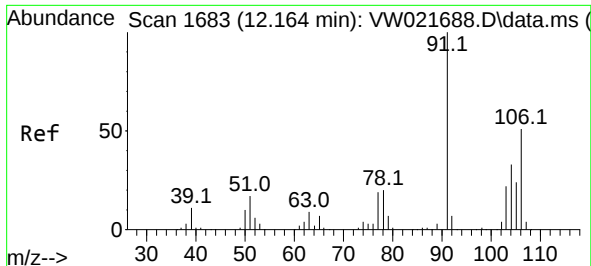
Tgt Ion:106 Resp: 2165

Ion Ratio Lower Upper

106 100

91 176.9 149.9 278.3

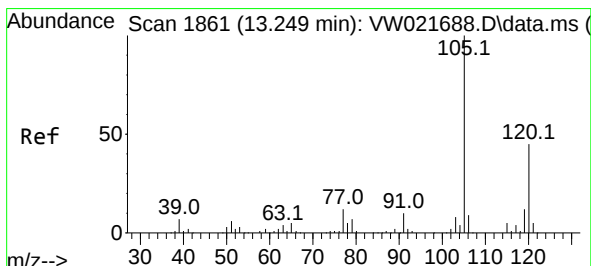
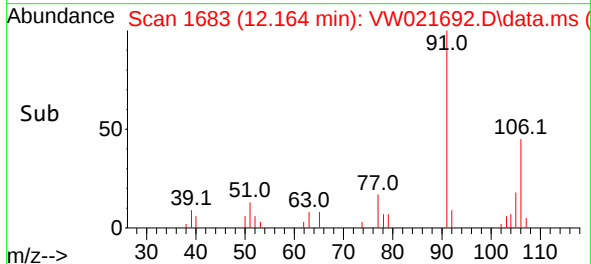
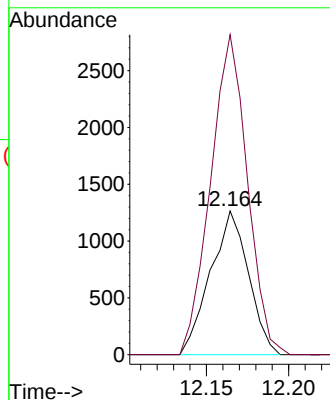
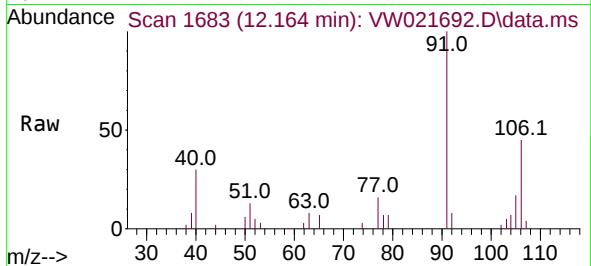




#54
o-Xylene
Concen: 0.678 ug/L
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW021692.D
Acq: 29 Dec 2021 16:24

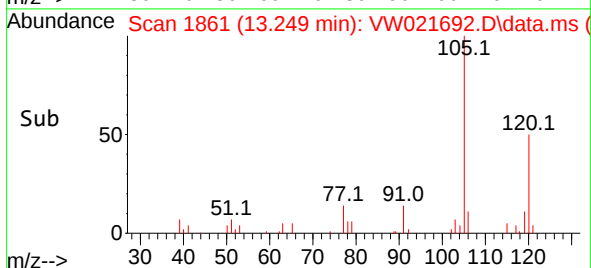
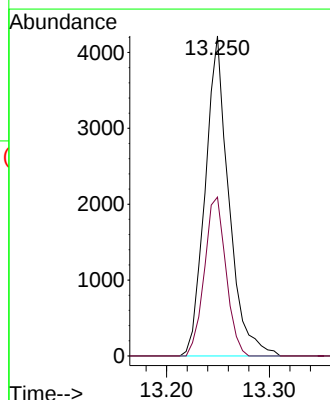
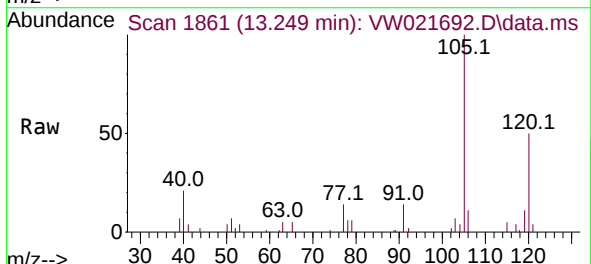
Instrument :
MSVOA_W
ClientSampleId :

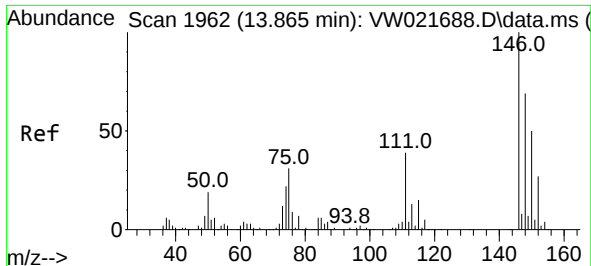
Tgt Ion:106 Resp: 2038
Ion Ratio Lower Upper
106 100
91 222.8 153.6 285.3



#63
1,2,4-Trimethylbenzene
Concen: 1.016 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW021692.D
Acq: 29 Dec 2021 16:24

Tgt Ion:105 Resp: 6728
Ion Ratio Lower Upper
105 100
120 45.4 35.0 52.6





#67

1,2-Dichlorobenzene

Concen: 0.650 ug/L

RT: 13.871 min Scan# 1962

Delta R.T. 0.006 min

Lab File: VW021692.D

Acq: 29 Dec 2021 16:24

Instrument :

MSVOA_W

ClientSampleId :

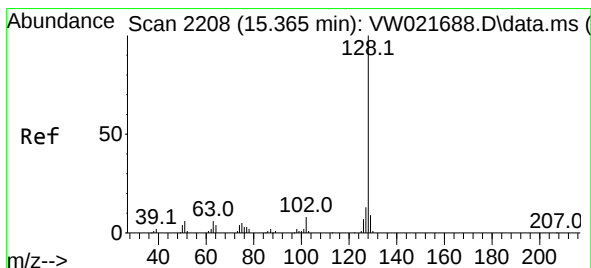
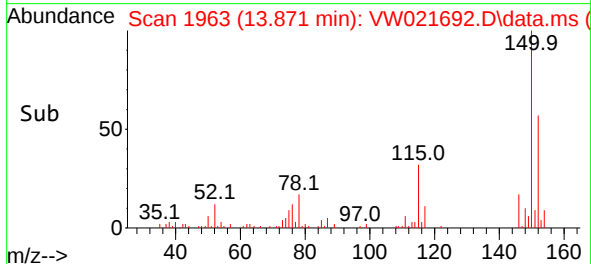
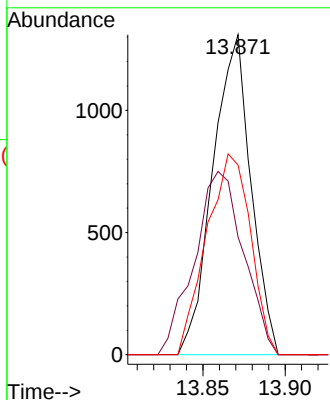
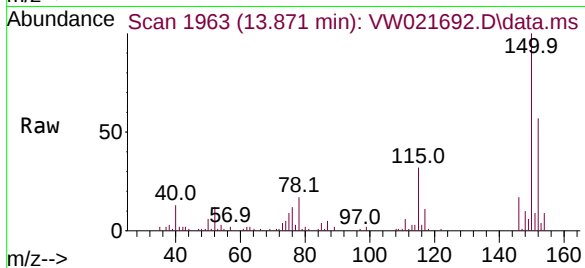
Tgt Ion:146 Resp: 2113

Ion Ratio Lower Upper

146 100

111 36.8 33.1 49.7

148 59.2 47.4 71.2



#71

Naphthalene

Concen: 3.701 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. -0.006 min

Lab File: VW021692.D

Acq: 29 Dec 2021 16:24

Tgt Ion:128 Resp: 13151

Ion Ratio Lower Upper

128 100

127 13.9 10.7 16.1

129 11.8 8.6 12.8

