

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
 Data File : VW021072.D
 Acq On : 03 Dec 2021 18:28
 Operator : SY/VA
 Sample : M4881-11RE
 Misc : 5.24g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 04 01:40:34 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)

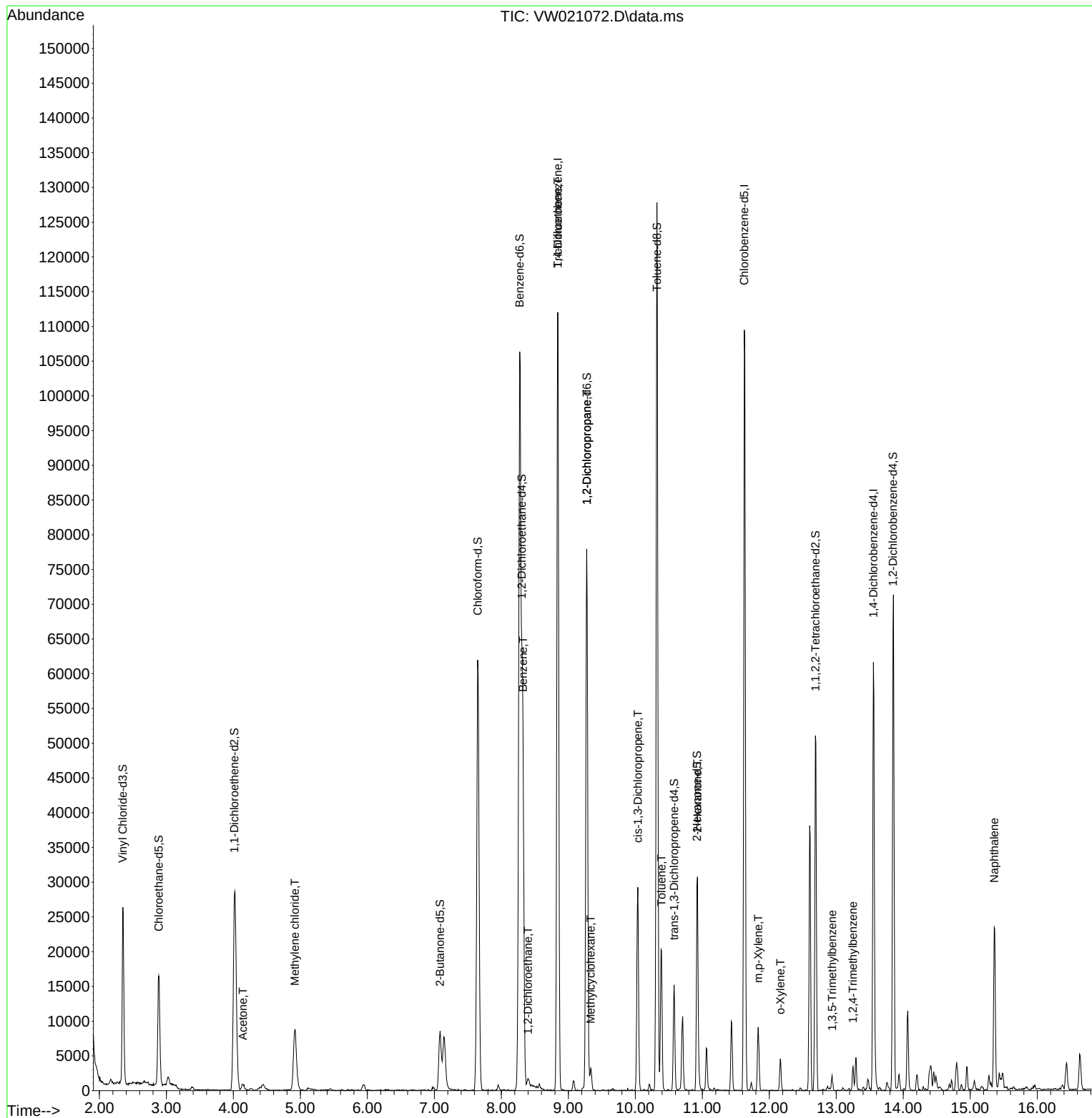
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	97027	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	62770	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	16032	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	23247	17.197	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.800%
7) Chloroethane-d5	2.885	69	18658	20.618	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.480%
11) 1,1-Dichloroethene-d2	4.013	63	27824	12.884	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.520%
21) 2-Butanone-d5	7.086	46	13721	44.498	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.000%
24) Chloroform-d	7.647	84	60659	24.964	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.840%
26) 1,2-Dichloroethane-d4	8.305	65	30407	22.874	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.480%
32) Benzene-d6	8.275	84	104869	32.675	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	130.680%
36) 1,2-Dichloropropane-d6	9.274	67	33179	37.200	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	148.800%#
41) Toluene-d8	10.323	98	82250	24.993	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.960%
43) trans-1,3-Dichloroprop...	10.579	79	7780	19.210	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.840%
47) 2-Hexanone-d5	10.921	63	10437	61.162	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.320%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	23443	28.411	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.640%
66) 1,2-Dichlorobenzene-d4	13.847	152	18054	31.430	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	125.720%#
Target Compounds						Qvalue
13) Acetone	4.141	43	1291	4.596	ug/L	68
16) Methylene chloride	4.915	84	6768	4.427	ug/L	81
27) 1,2-Dichloroethane	8.397	62	872	0.558	ug/L	# 77
33) Benzene	8.323	78	31929	8.945	ug/L	100
34) Trichloroethene	8.842	95	2817	2.861	ug/L	# 5
35) Methylcyclohexane	9.335	83	1227	0.740	ug/L	91
37) 1,2-Dichloropropane	9.274	63	4189	5.192	ug/L	# 88
39) cis-1,3-Dichloropropene	10.037	75	849	0.651	ug/L	# 72
42) Toluene	10.390	91	14710	3.608	ug/L	96
48) 2-Hexanone	10.927	43	1759	4.437	ug/L	# 66
53) m,p-Xylene	11.835	106	2858	1.505	ug/L	93
54) o-Xylene	12.164	106	1262	0.705	ug/L	95
62) 1,3,5-Trimethylbenzene	12.938	105	898	0.481	ug/L	90
63) 1,2,4-Trimethylbenzene	13.249	105	2037	1.085	ug/L	93
71) Naphthalene	15.359	128	21007	17.836	ug/L	99

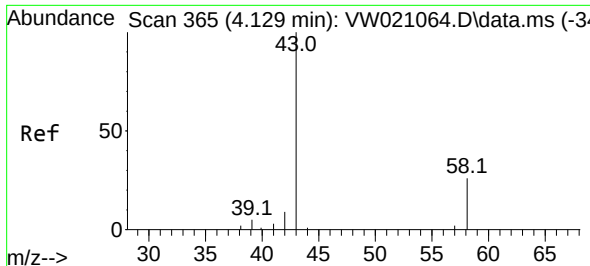
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
Data File : VW021072.D
Acq On : 03 Dec 2021 18:28
Operator : SY/VA
Sample : M4881-11RE
Misc : 5.24g/10.0mL/MSVOA_W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Dec 04 01:40:34 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

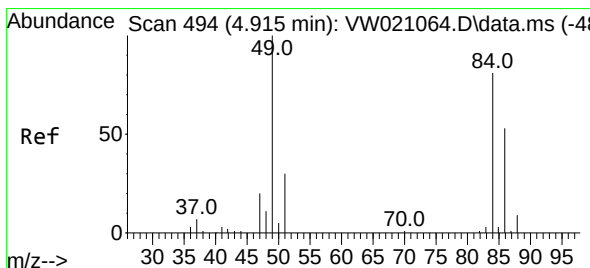
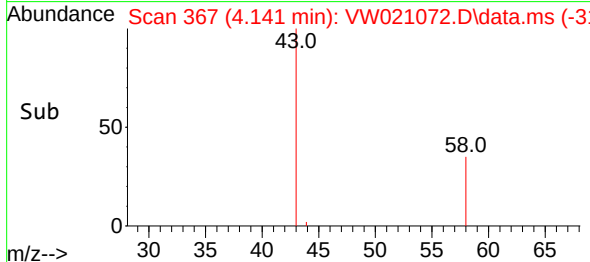
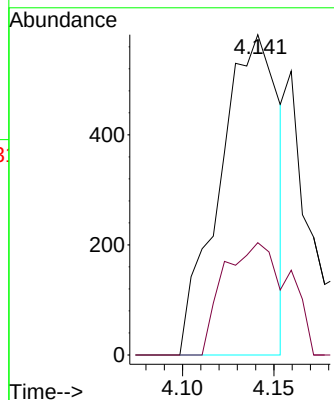
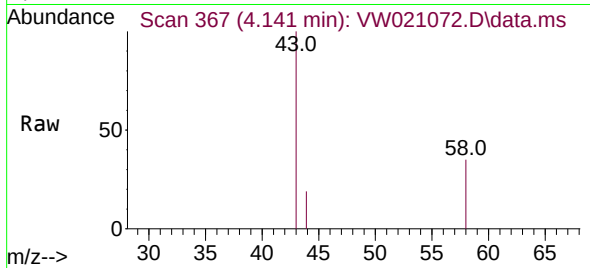




#13
Acetone
Concen: 4.596 ug/L
RT: 4.141 min Scan# 367
Delta R.T. 0.012 min
Lab File: VW021072.D
Acq: 03 Dec 2021 18:28

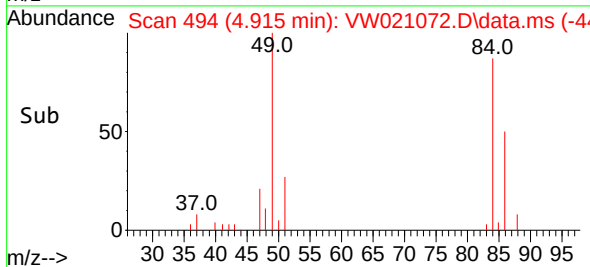
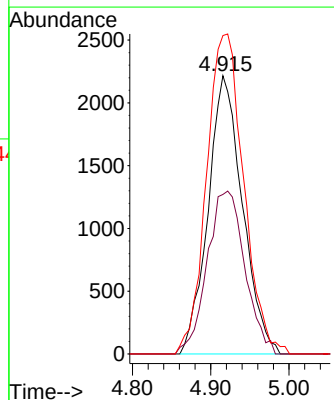
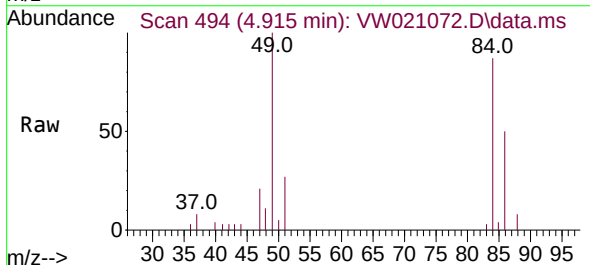
Instrument :
MSVOA_W
ClientSampleId :

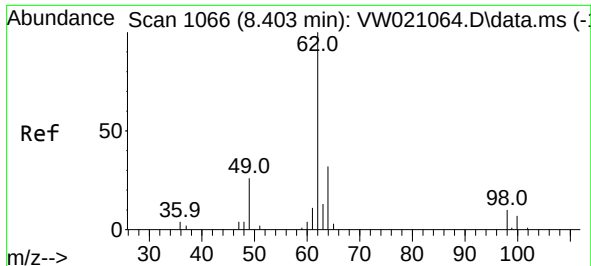
Tgt Ion: 43 Resp: 1291
Ion Ratio Lower Upper
43 100
58 10.0 0.0 52.8



#16
Methylene chloride
Concen: 4.427 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW021072.D
Acq: 03 Dec 2021 18:28

Tgt Ion: 84 Resp: 6768
Ion Ratio Lower Upper
84 100
86 57.3 45.5 84.5
49 114.4 100.5 186.7





#27

1,2-Dichloroethane

Concen: 0.558 ug/L

RT: 8.397 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VW021072.D

Acq: 03 Dec 2021 18:28

Instrument :

MSVOA_W

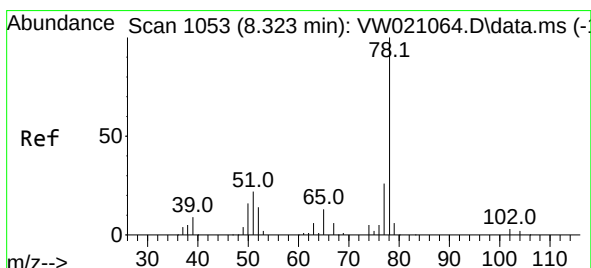
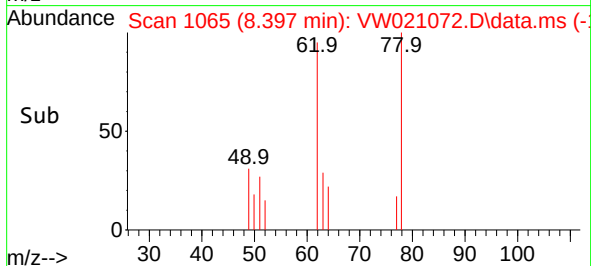
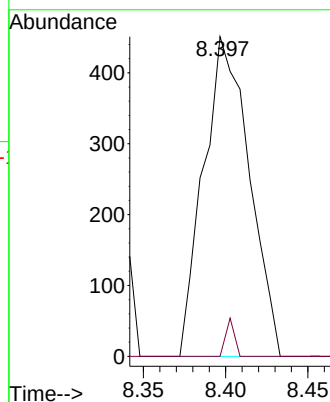
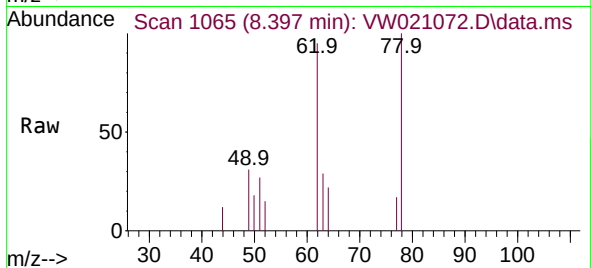
ClientSampleId :

Tgt Ion: 62 Resp: 872

Ion Ratio Lower Upper

62 100

98 0.0 6.5 9.7#



#33

Benzene

Concen: 8.945 ug/L

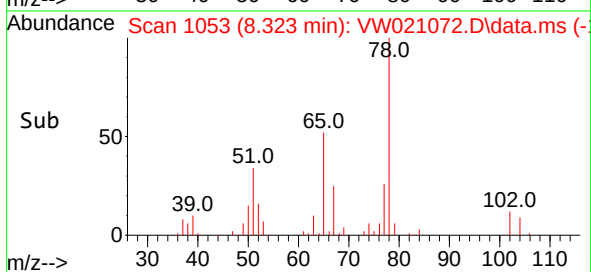
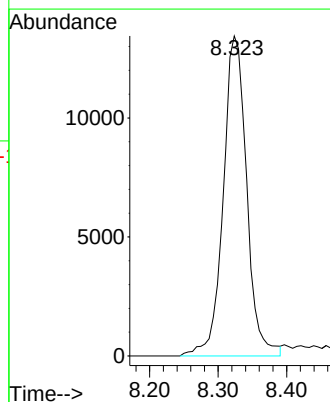
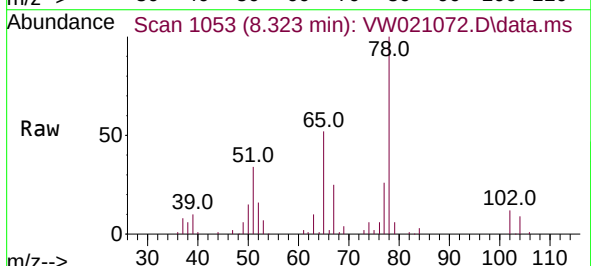
RT: 8.323 min Scan# 1053

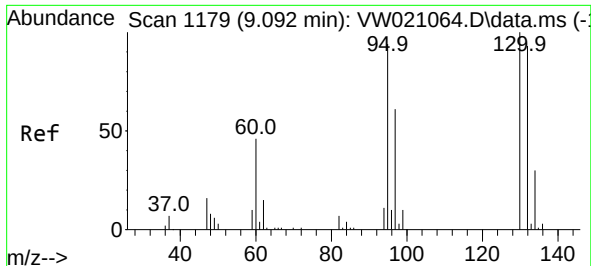
Delta R.T. 0.000 min

Lab File: VW021072.D

Acq: 03 Dec 2021 18:28

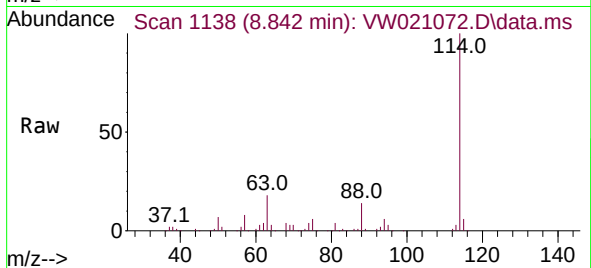
Tgt Ion: 78 Resp: 31929





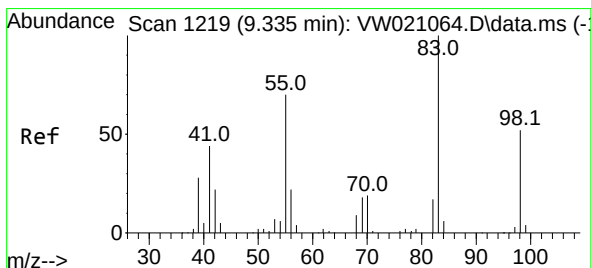
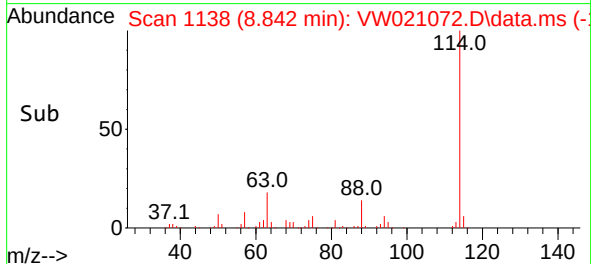
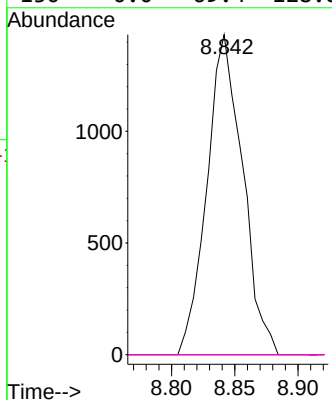
#34
Trichloroethene
Concen: 2.861 ug/L
RT: 8.842 min Scan# 1179
Delta R.T. -0.250 min
Lab File: VW021072.D
Acq: 03 Dec 2021 18:28

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 95 Resp: 2817

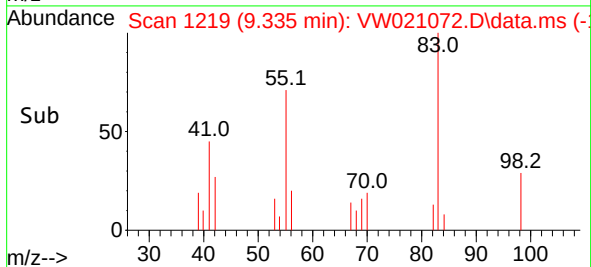
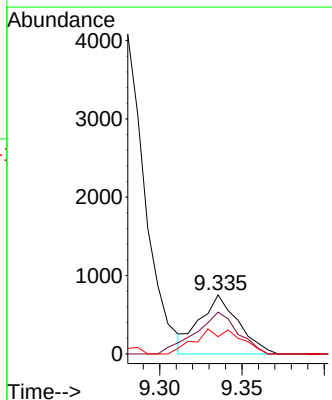
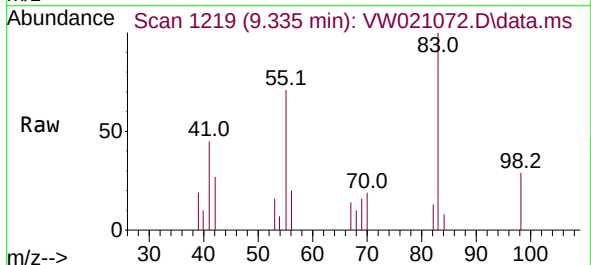
Ion	Ratio	Lower	Upper
95	100		
97	0.0	47.0	87.2#
132	0.0	65.5	121.6#
130	0.0	69.4	128.8#

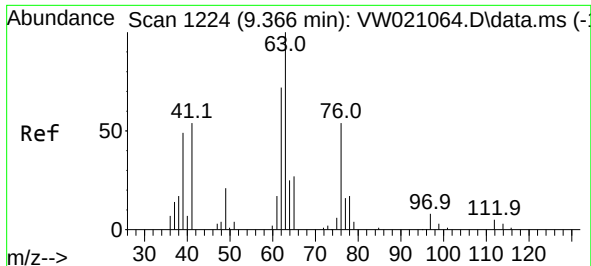


#35
Methylcyclohexane
Concen: 0.740 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW021072.D
Acq: 03 Dec 2021 18:28

Tgt Ion: 83 Resp: 1227

Ion	Ratio	Lower	Upper
83	100		
55	77.8	70.8	106.2
98	49.2	37.7	56.5





#37

1,2-Dichloropropane

Concen: 5.192 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.091 min

Lab File: VW021072.D

Acq: 03 Dec 2021 18:28

Instrument :

MSVOA_W

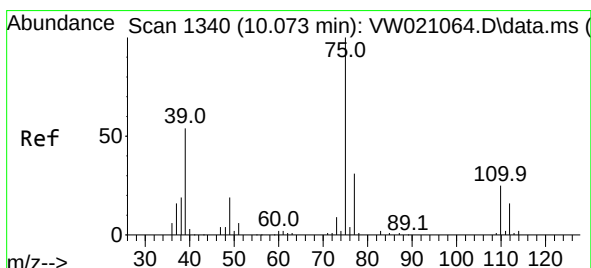
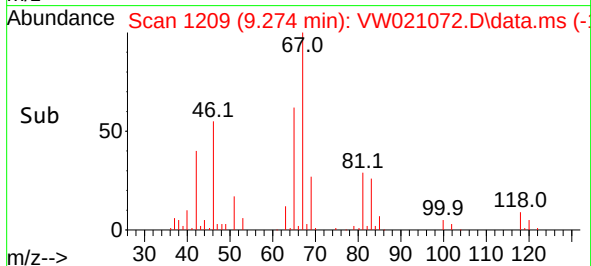
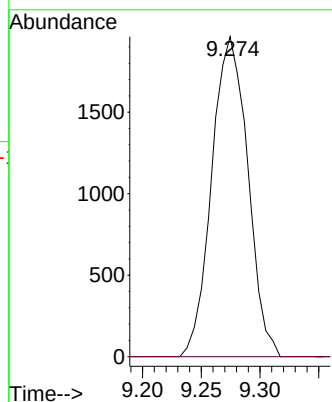
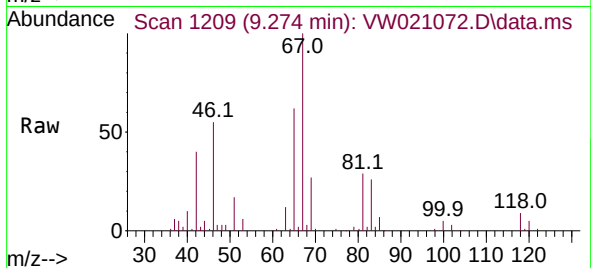
ClientSampleId :

Tgt Ion: 63 Resp: 4189

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.651 ug/L

RT: 10.037 min Scan# 1334

Delta R.T. -0.037 min

Lab File: VW021072.D

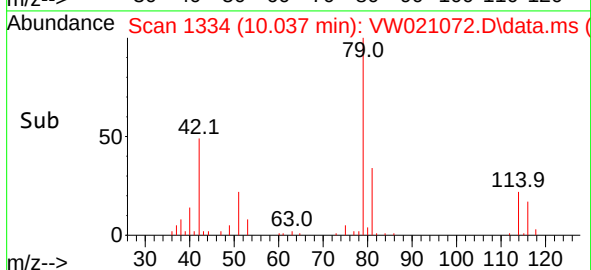
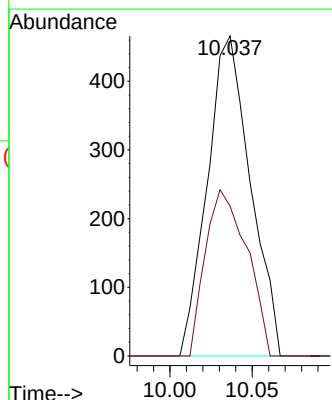
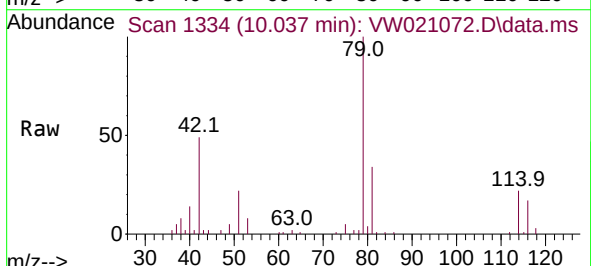
Acq: 03 Dec 2021 18:28

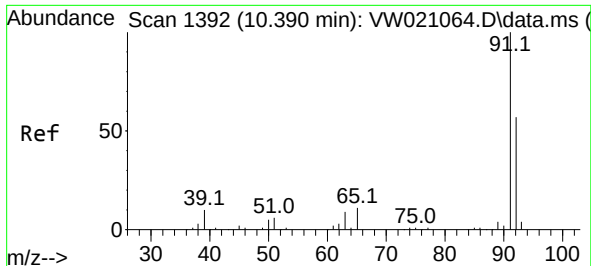
Tgt Ion: 75 Resp: 849

Ion Ratio Lower Upper

75 100

77 46.8 21.8 40.6#

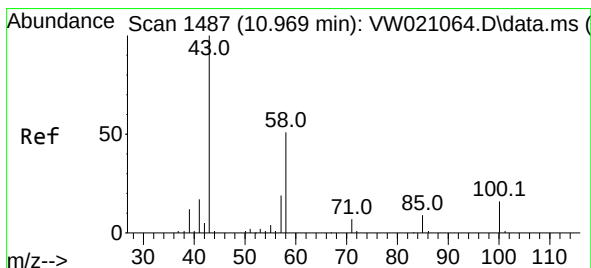
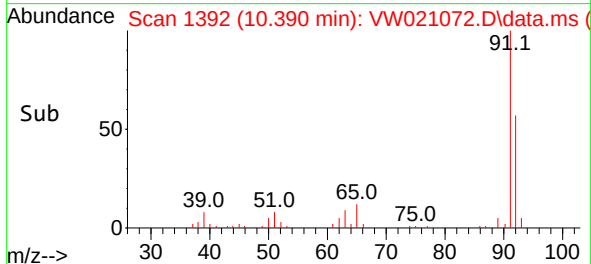
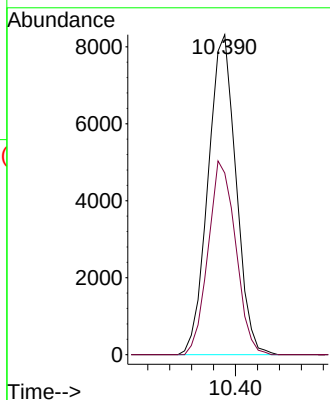
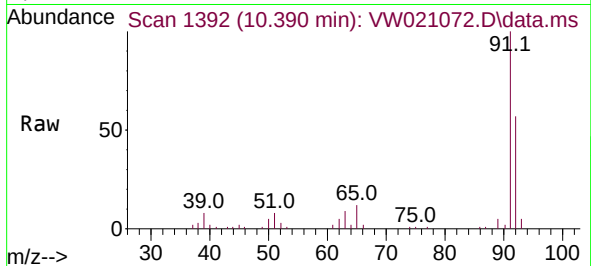




#42
Toluene
Concen: 3.608 ug/L
RT: 10.390 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW021072.D
Acq: 03 Dec 2021 18:28

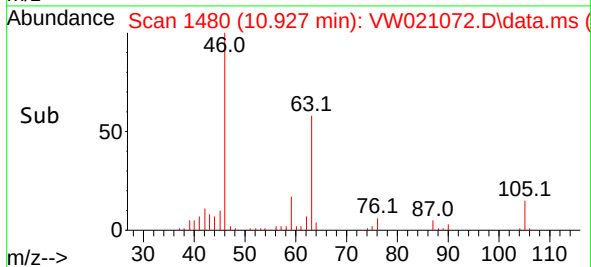
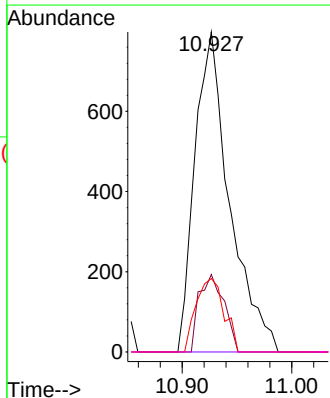
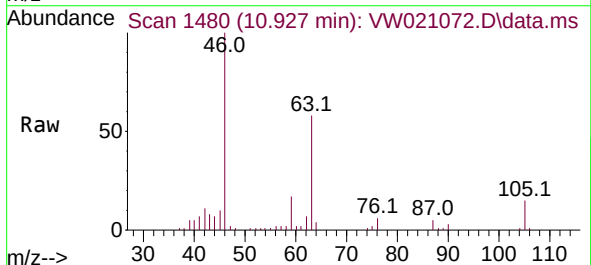
Instrument :
MSVOA_W
ClientSampleId :

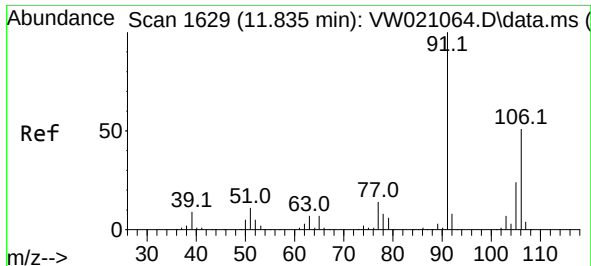
Tgt Ion: 91 Resp: 14710
Ion Ratio Lower Upper
91 100
92 56.8 41.7 77.5



#48
2-Hexanone
Concen: 4.437 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.043 min
Lab File: VW021072.D
Acq: 03 Dec 2021 18:28

Tgt Ion: 43 Resp: 1759
Ion Ratio Lower Upper
43 100
58 17.3 40.2 60.2#
57 18.5 14.3 21.5
100 0.0 8.0 12.0#

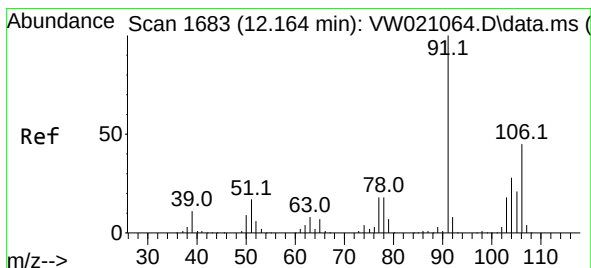
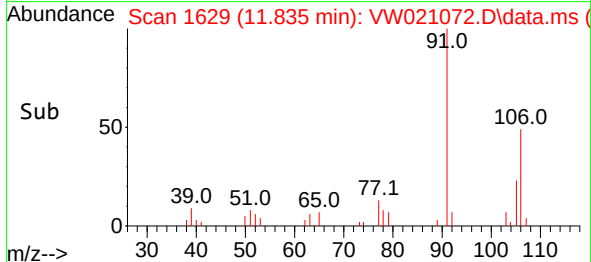
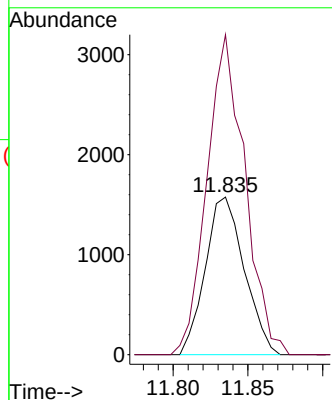
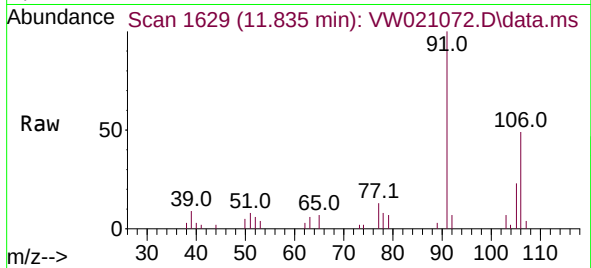




#53
m,p-Xylene
Concen: 1.505 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW021072.D
Acq: 03 Dec 2021 18:28

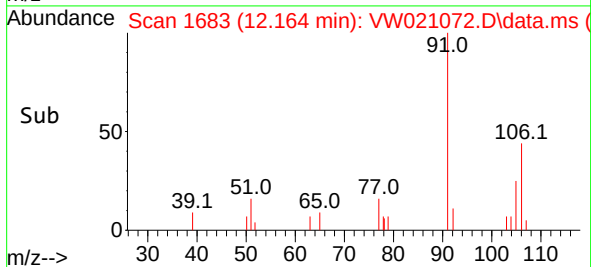
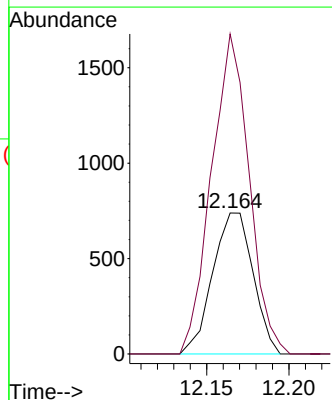
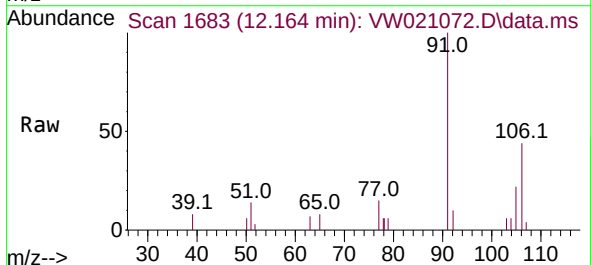
Instrument :
MSVOA_W
ClientSampleId :

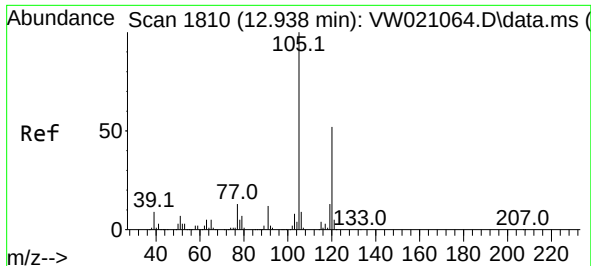
Tgt Ion:106 Resp: 2858
Ion Ratio Lower Upper
106 100
91 203.0 149.9 278.3



#54
o-Xylene
Concen: 0.705 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW021072.D
Acq: 03 Dec 2021 18:28

Tgt Ion:106 Resp: 1262
Ion Ratio Lower Upper
106 100
91 226.9 153.6 285.3





#62

1,3,5-Trimethylbenzene

Concen: 0.481 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW021072.D

Acq: 03 Dec 2021 18:28

Instrument :

MSVOA_W

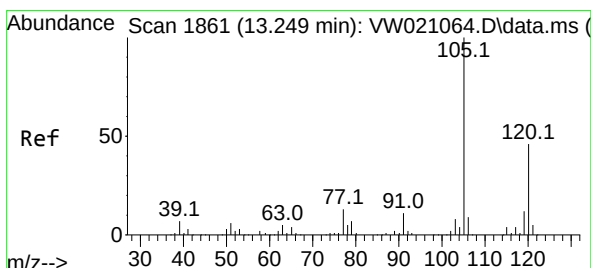
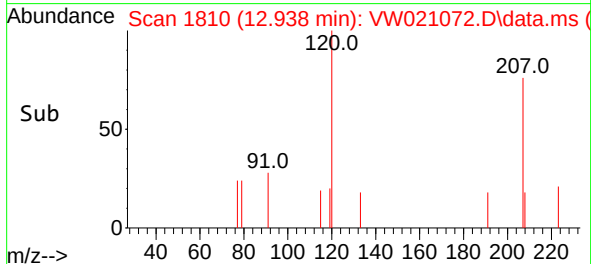
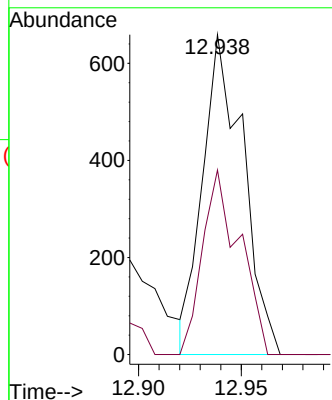
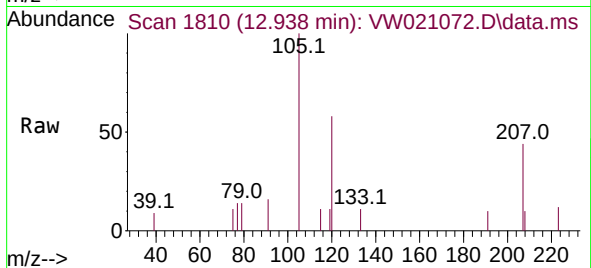
ClientSampleId :

Tgt Ion:105 Resp: 898

Ion Ratio Lower Upper

105 100

120 53.2 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 1.085 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW021072.D

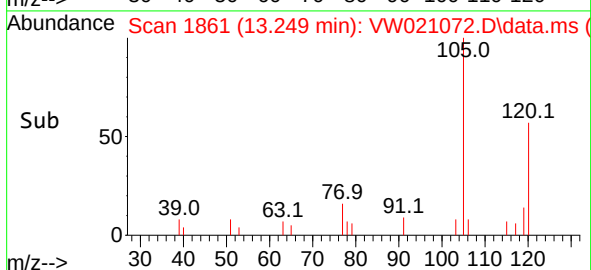
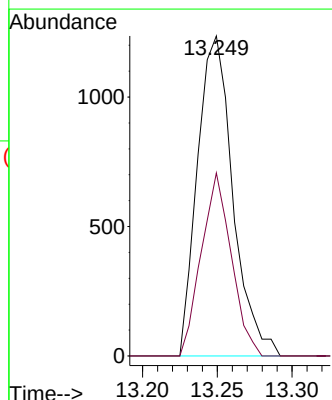
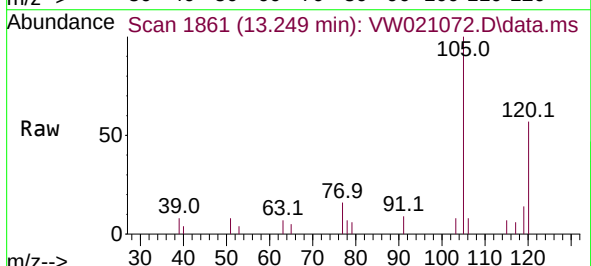
Acq: 03 Dec 2021 18:28

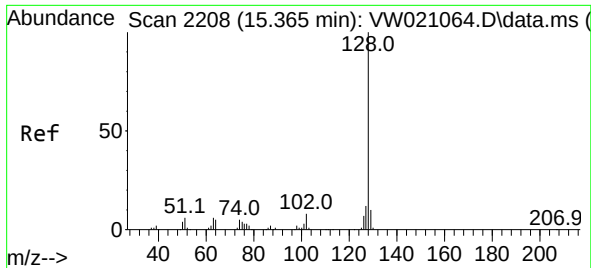
Tgt Ion:105 Resp: 2037

Ion Ratio Lower Upper

105 100

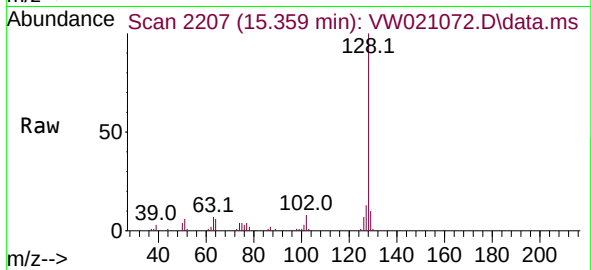
120 48.5 35.0 52.6





#71
Naphthalene
Concen: 17.836 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW021072.D
Acq: 03 Dec 2021 18:28

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128 Resp: 21007
Ion Ratio Lower Upper
128 100
127 13.7 10.7 16.1
129 11.0 8.6 12.8

