

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122521\
 Data File : VW021639.D
 Acq On : 25 Dec 2021 12:32
 Operator : SY/VA
 Sample : M5174-01RE
 Misc : 4.90g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 27 00:40:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 24 01:43:02 2021
 Response via : Initial Calibration

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

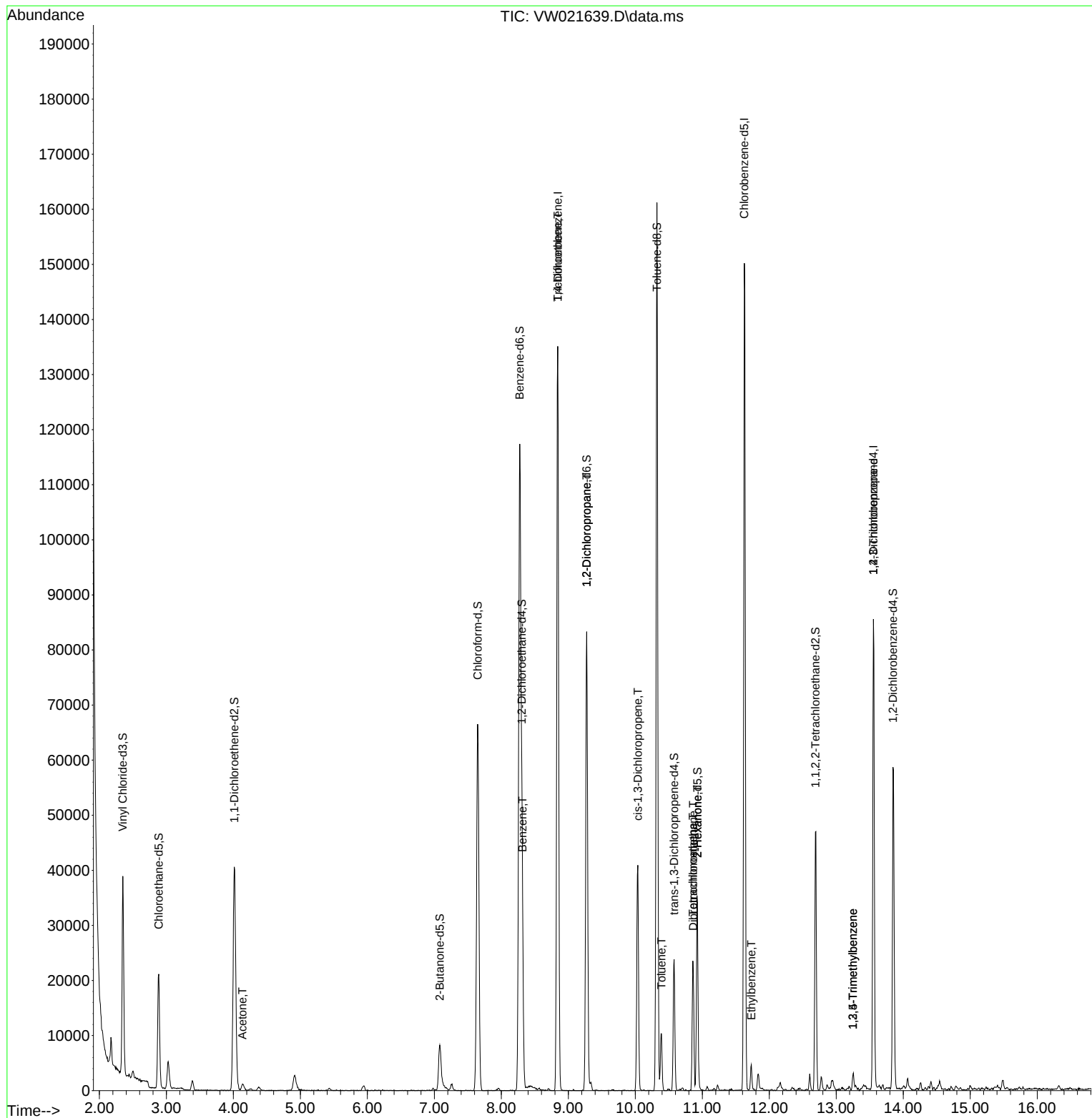
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	117645	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	87143	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	22536	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	29901	13.955	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.840%
7) Chloroethane-d5	2.885	69	23523	16.607	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.440%
11) 1,1-Dichloroethene-d2	4.013	63	37915	13.273	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.080%
21) 2-Butanone-d5	7.080	46	14426	47.764	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.520%
24) Chloroform-d	7.647	84	67327	20.536	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.160%
26) 1,2-Dichloroethane-d4	8.305	65	35526	20.371	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.480%
32) Benzene-d6	8.275	84	120215	25.167	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.680%
36) 1,2-Dichloropropane-d6	9.275	67	35151	27.440	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.760%
41) Toluene-d8	10.323	98	102413	20.984	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.920%
43) trans-1,3-Dichloroprop...	10.579	79	12708	21.545	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.160%
47) 2-Hexanone-d5	10.927	63	11691	61.717	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.440%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	21404	19.437	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.760%
66) 1,2-Dichlorobenzene-d4	13.847	152	15684	17.958	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	71.840%#
Target Compounds						
					Qvalue	
13) Acetone	4.135	43	2178	8.044	ug/L	97
33) Benzene	8.317	78	3355	0.707	ug/L	100
34) Trichloroethene	8.842	95	3468	2.602	ug/L	# 5
37) 1,2-Dichloropropane	9.275	63	4474	4.225	ug/L	# 88
39) cis-1,3-Dichloropropene	10.037	75	1258	0.754	ug/L	# 83
42) Toluene	10.390	91	7874	1.418	ug/L	99
46) Tetrachloroethene	10.860	164	5248	4.146	ug/L	92
48) 2-Hexanone	10.927	43	1615	3.860	ug/L	# 66
49) Dibromochloromethane	10.866	129	4494	4.206	ug/L	# 10
52) Ethylbenzene	11.731	91	3315	0.522	ug/L	96
61) 1,2,3-Trichloropropane	13.554	75	2636	8.037	ug/L	# 67
62) 1,3,5-Trimethylbenzene	13.249	105	1535	0.589	ug/L	92
63) 1,2,4-Trimethylbenzene	13.249	105	1535	0.597	ug/L	97

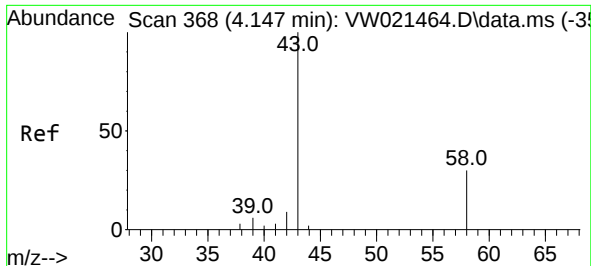
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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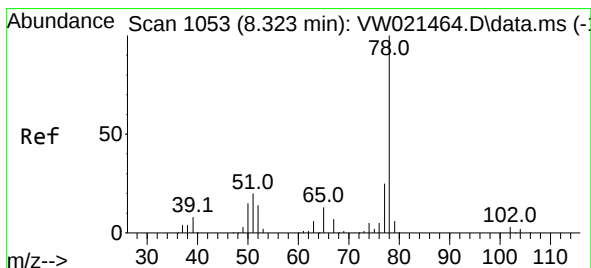
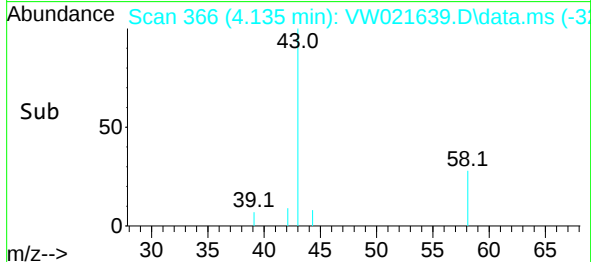
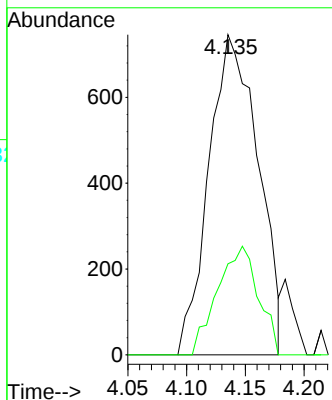
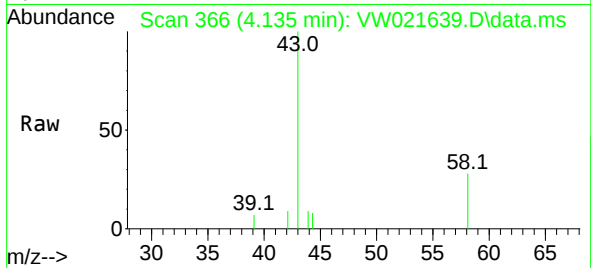




#13
Acetone
Concen: 8.044 ug/L
RT: 4.135 min Scan# 30
Delta R.T. -0.024 min
Lab File: VW021639.D
Acq: 25 Dec 2021 12:32

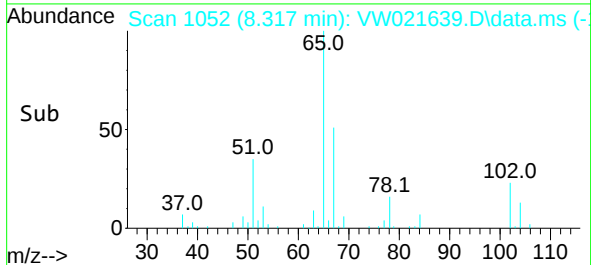
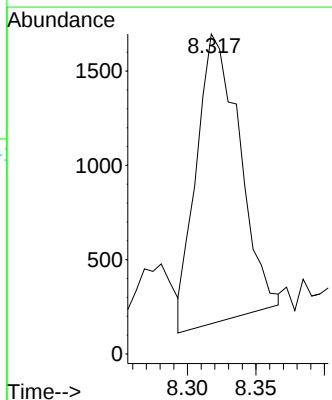
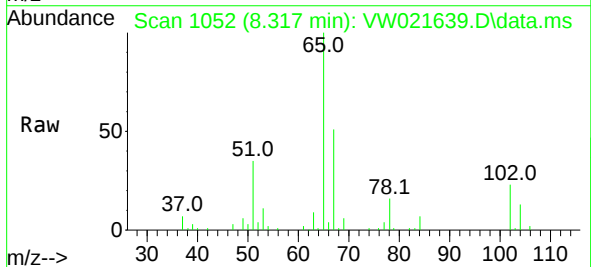
Instrument :
MSVOA_W
ClientSampleId :

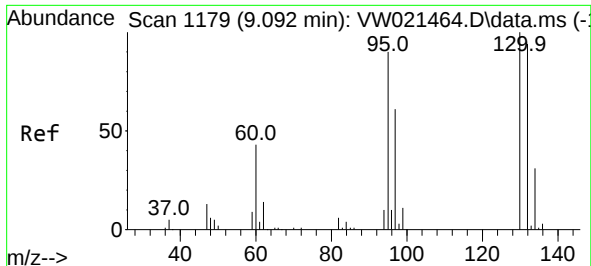
Tgt Ion: 43 Resp: 2178
Ion Ratio Lower Upper
43 100
58 28.1 0.0 52.8



#33
Benzene
Concen: 0.707 ug/L
RT: 8.317 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VW021639.D
Acq: 25 Dec 2021 12:32

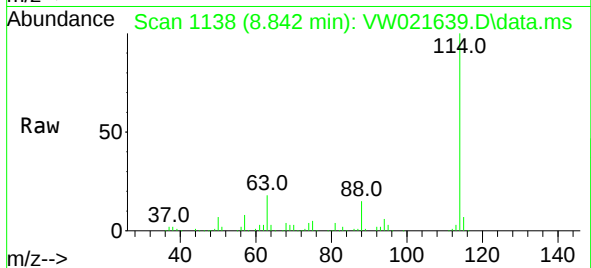
Tgt Ion: 78 Resp: 3355



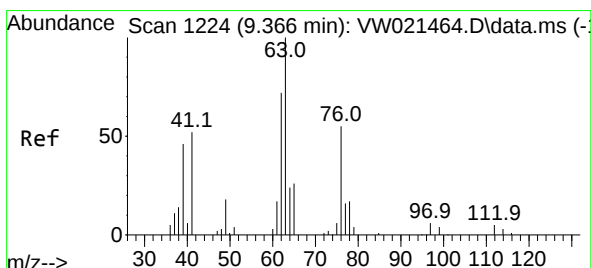
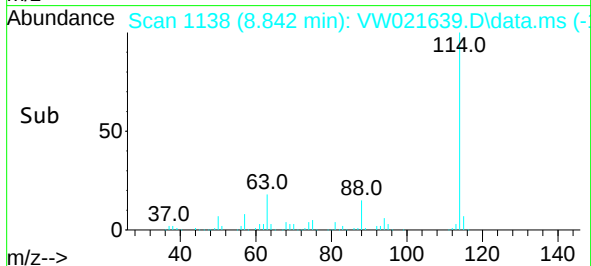
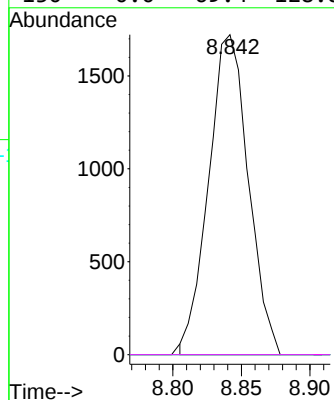


#34
Trichloroethene
Concen: 2.602 ug/L
RT: 8.842 min Scan# 1179
Delta R.T. -0.250 min
Lab File: VW021639.D
Acq: 25 Dec 2021 12:32

Instrument :
MSVOA_W
ClientSampleId :

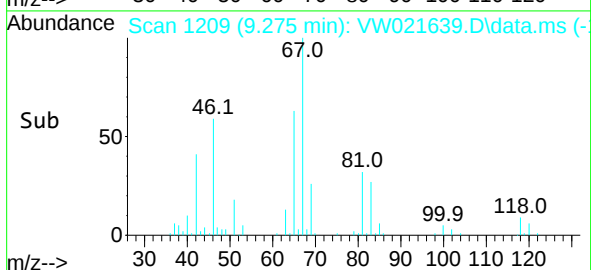
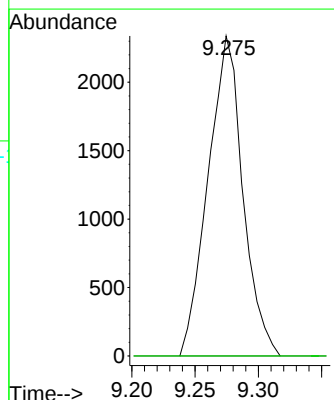
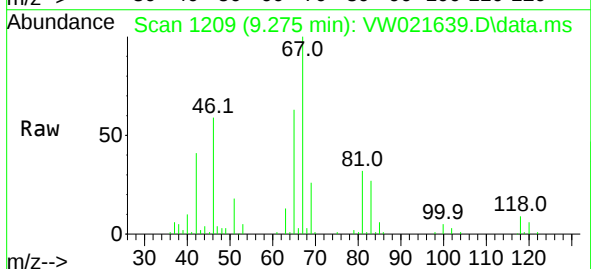


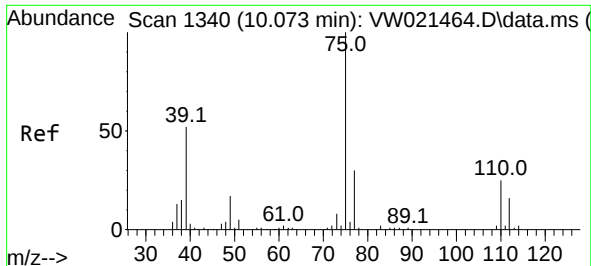
Tgt Ion: 95 Resp: 3468
Ion Ratio Lower Upper
95 100
97 0.0 47.0 87.2#
132 0.0 65.5 121.6#
130 0.0 69.4 128.8#



#37
1,2-Dichloropropane
Concen: 4.225 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.097 min
Lab File: VW021639.D
Acq: 25 Dec 2021 12:32

Tgt Ion: 63 Resp: 4474
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.754 ug/L

RT: 10.037 min Scan# 11

Delta R.T. -0.036 min

Lab File: VW021639.D

Acq: 25 Dec 2021 12:32

Instrument :

MSVOA_W

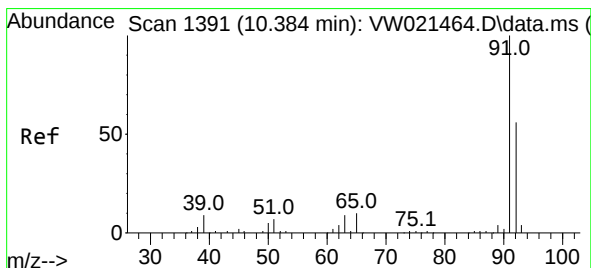
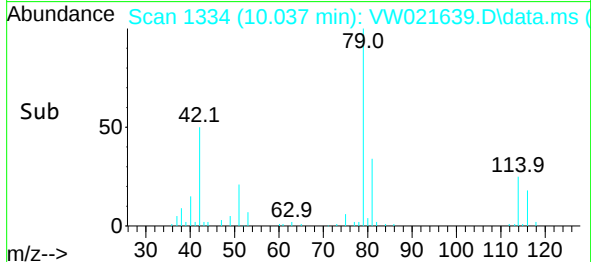
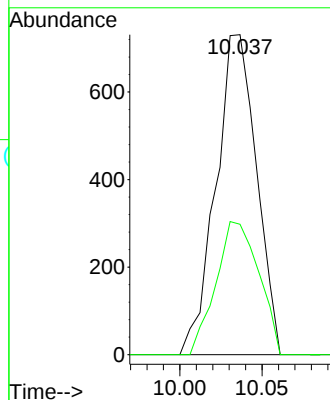
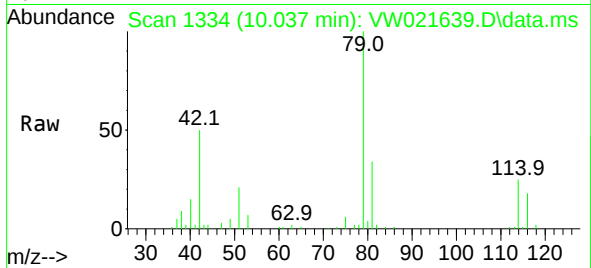
ClientSampleId :

Tgt Ion: 75 Resp: 1258

Ion Ratio Lower Upper

75 100

77 40.8 21.8 40.6#



#42

Toluene

Concen: 1.418 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. 0.006 min

Lab File: VW021639.D

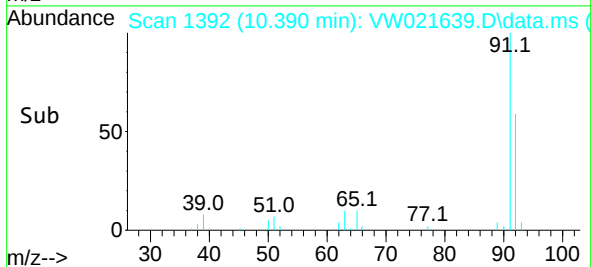
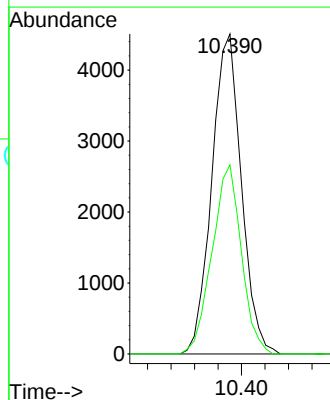
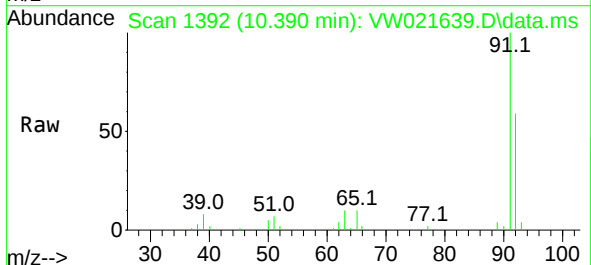
Acq: 25 Dec 2021 12:32

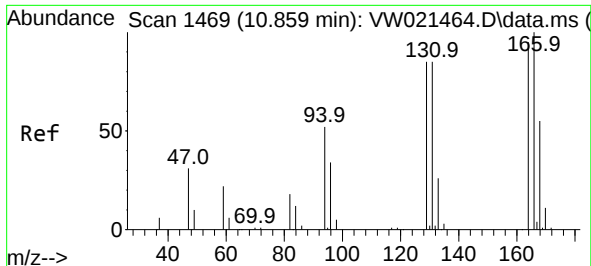
Tgt Ion: 91 Resp: 7874

Ion Ratio Lower Upper

91 100

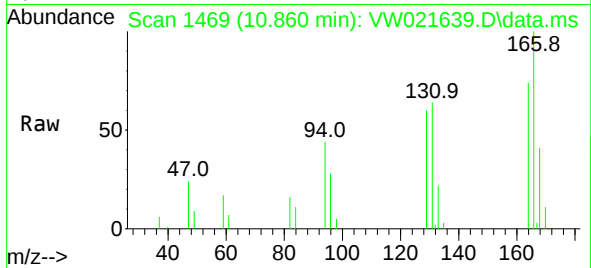
92 59.1 41.7 77.5





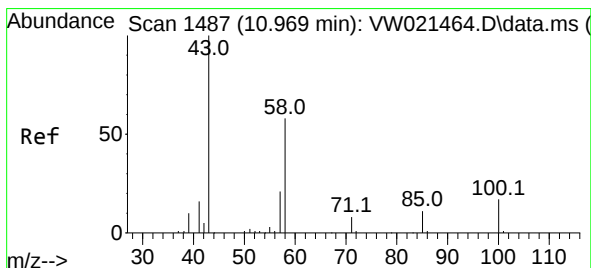
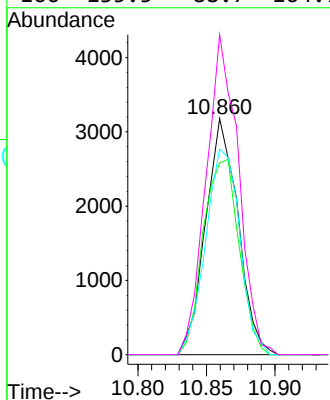
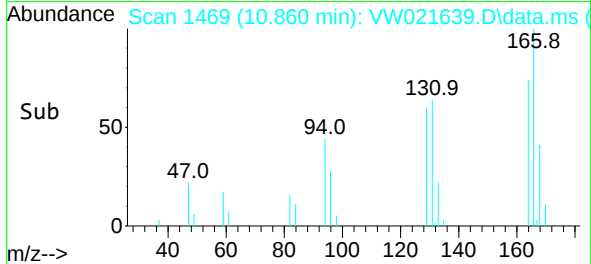
#46
Tetrachloroethene
Concen: 4.146 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW021639.D
Acq: 25 Dec 2021 12:32

Instrument :
MSVOA_W
ClientSampleId :

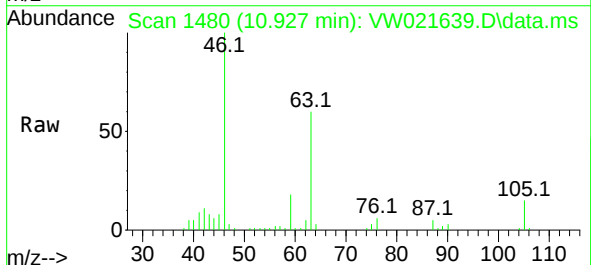


Tgt Ion:164 Resp: 5248

Ion	Ratio	Lower	Upper
164	100		
129	81.2	65.5	121.7
131	87.0	59.7	110.9
166	135.5	88.7	164.7

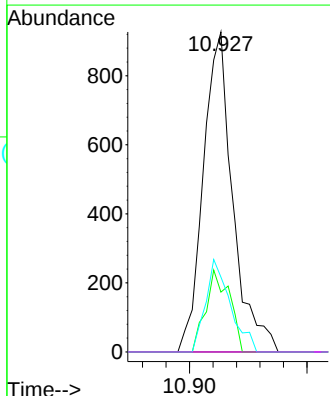
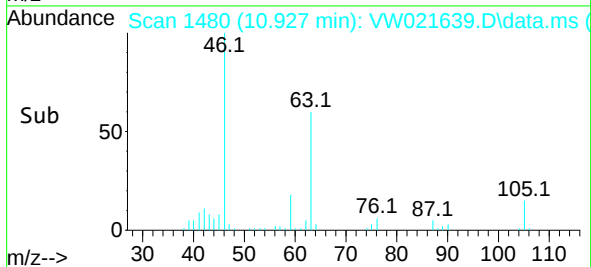


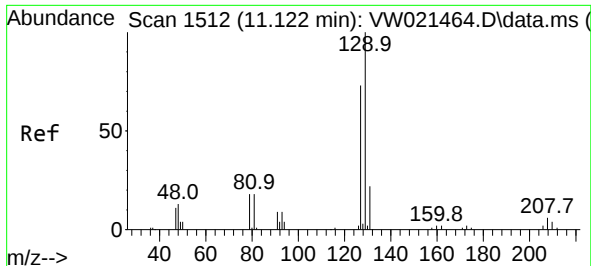
#48
2-Hexanone
Concen: 3.860 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.043 min
Lab File: VW021639.D
Acq: 25 Dec 2021 12:32



Tgt Ion: 43 Resp: 1615

Ion	Ratio	Lower	Upper
43	100		
58	20.6	40.2	60.2#
57	24.2	14.3	21.5#
100	0.0	8.0	12.0#





#49

Dibromochloromethane

Concen: 4.206 ug/L

RT: 10.866 min Scan# 14

Delta R.T. -0.262 min

Lab File: VW021639.D

Acq: 25 Dec 2021 12:32

Instrument :

MSVOA_W

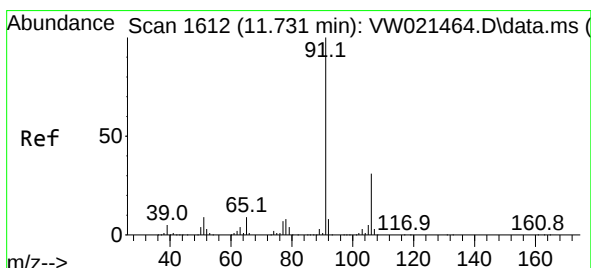
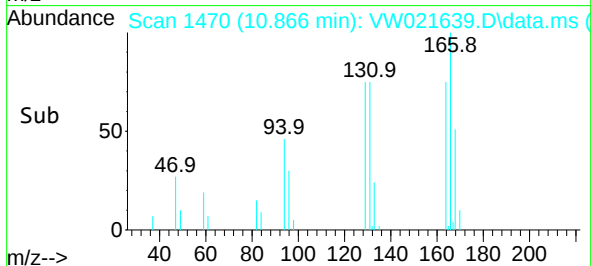
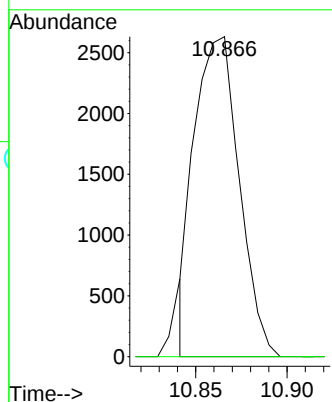
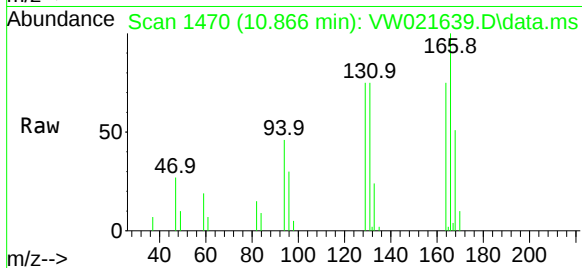
ClientSampleId :

Tgt Ion:129 Resp: 4494

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#



#52

Ethylbenzene

Concen: 0.522 ug/L

RT: 11.731 min Scan# 1612

Delta R.T. 0.000 min

Lab File: VW021639.D

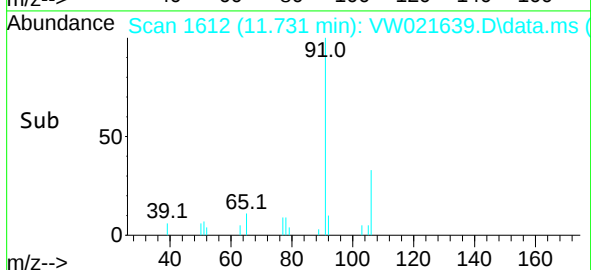
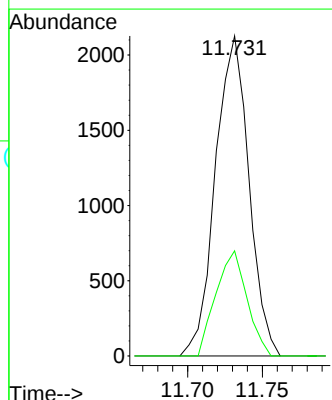
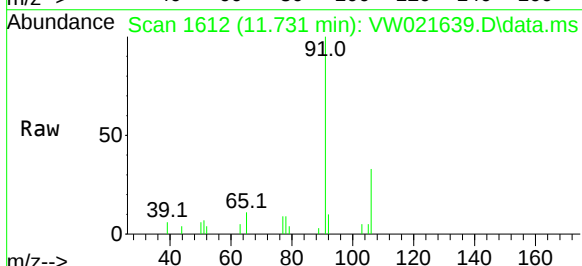
Acq: 25 Dec 2021 12:32

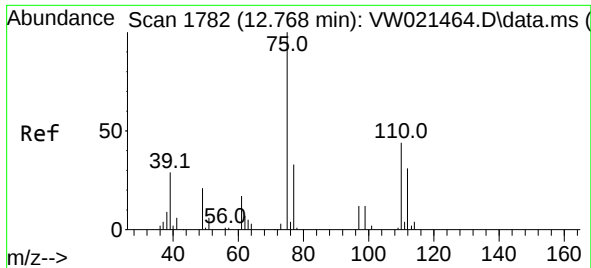
Tgt Ion: 91 Resp: 3315

Ion Ratio Lower Upper

91 100

106 32.9 21.5 39.9





#61

1,2,3-Trichloropropane

Concen: 8.037 ug/L

RT: 13.554 min Scan# 1911

Delta R.T. 0.787 min

Lab File: VW021639.D

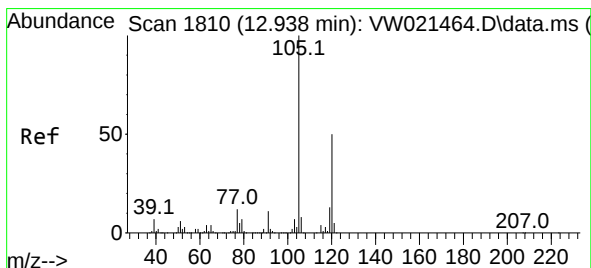
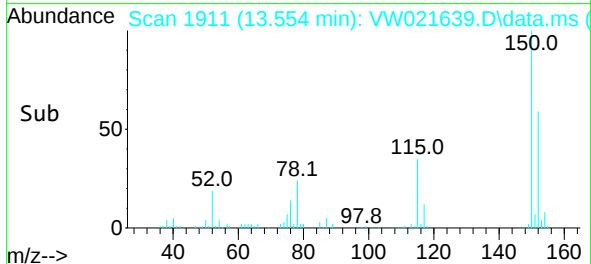
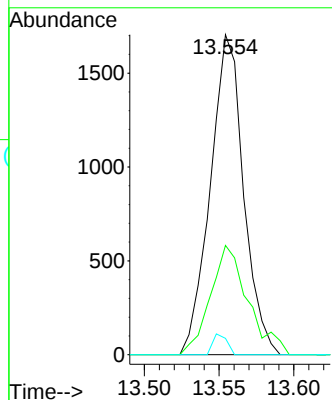
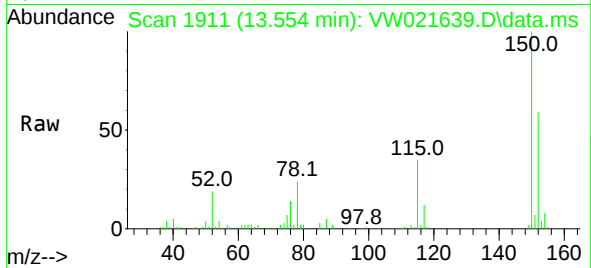
Acq: 25 Dec 2021 12:32

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 75	Resp: 2636
Ion Ratio	Lower Upper
75 100	
77 36.0	25.8 38.8
110 2.7	29.0 43.4#



#62

1,3,5-Trimethylbenzene

Concen: 0.589 ug/L

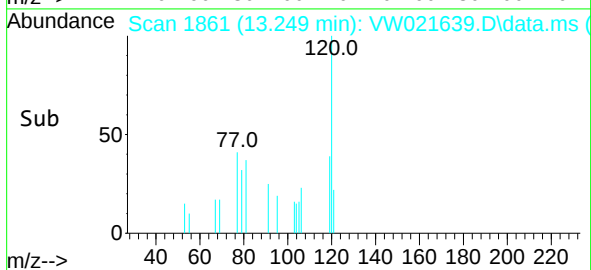
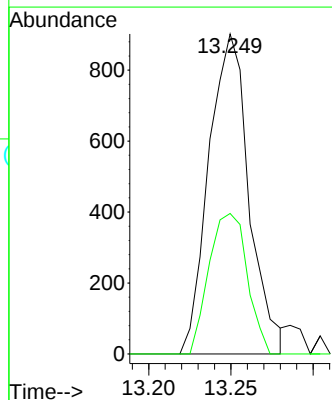
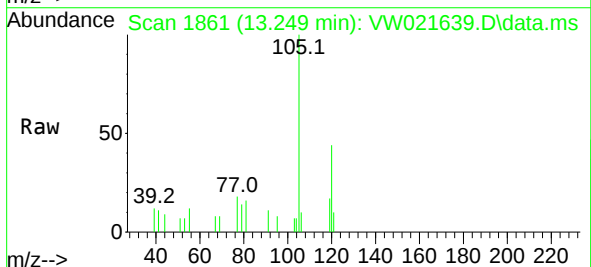
RT: 13.249 min Scan# 1861

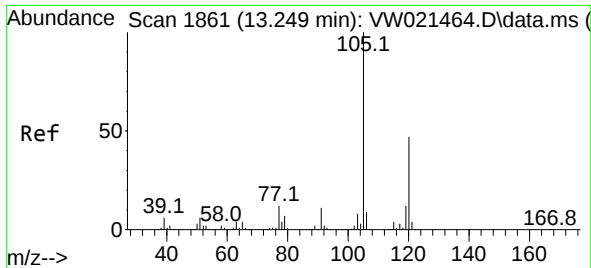
Delta R.T. 0.311 min

Lab File: VW021639.D

Acq: 25 Dec 2021 12:32

Tgt Ion: 105	Resp: 1535
Ion Ratio	Lower Upper
105 100	
120 41.7	37.4 56.2





#63
 1,2,4-Trimethylbenzene
 Concen: 0.597 ug/L
 RT: 13.249 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW021639.D
 Acq: 25 Dec 2021 12:32

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:105 Resp: 1535
 Ion Ratio Lower Upper
 105 100
 120 41.7 35.0 52.6

