

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
 Data File : VW021608.D
 Acq On : 23 Dec 2021 12:51
 Operator : SY/VA
 Sample : M5174-04
 Misc : 4.98g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 24 00:32:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 24 00:28:54 2021
 Response via : Initial Calibration

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

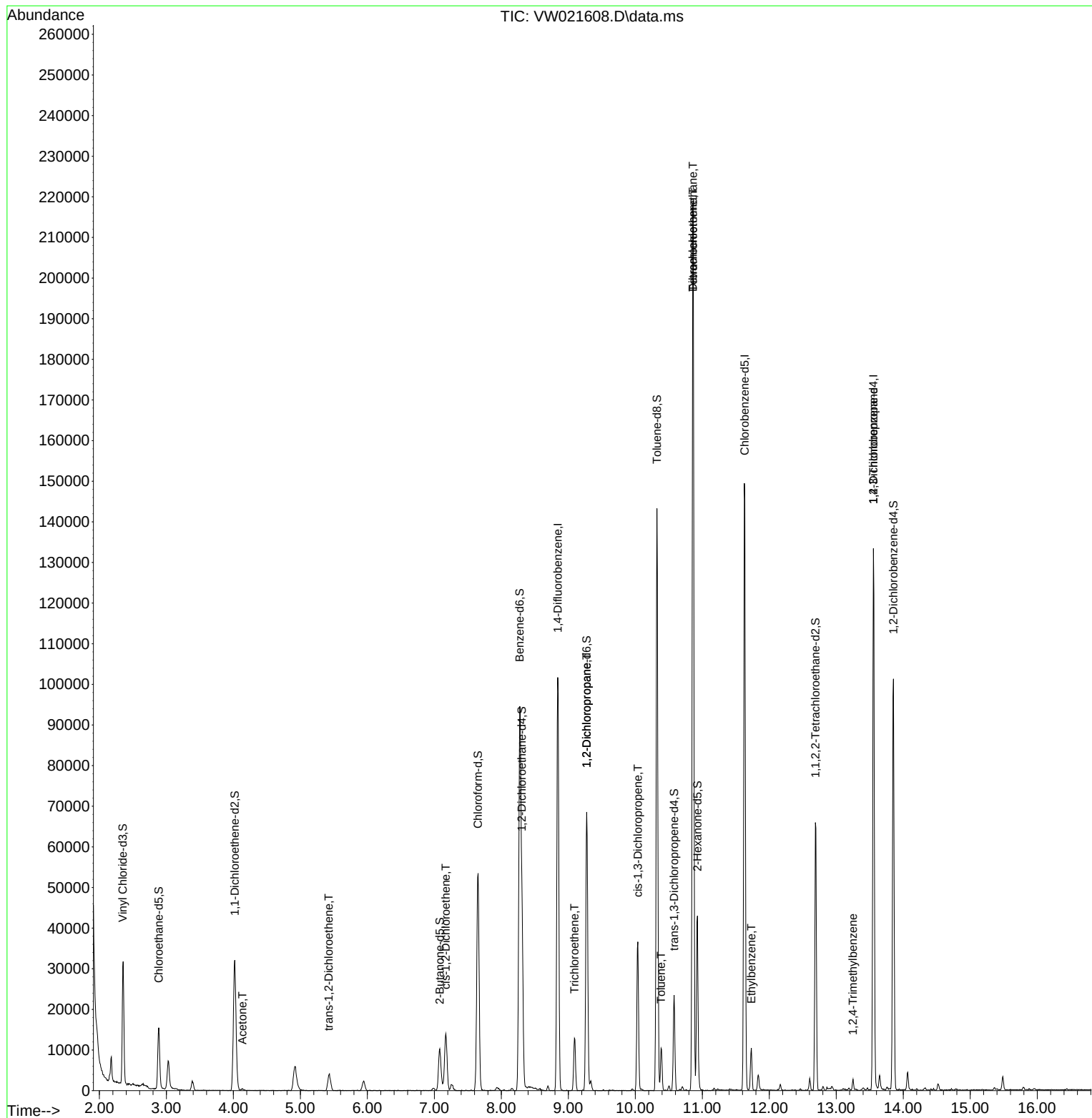
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	89341	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	84542	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	34892	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	24327	14.951	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.800%
7) Chloroethane-d5	2.885	69	17226	16.014	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.040%
11) 1,1-Dichloroethene-d2	4.019	63	29659	13.672	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	54.680%
21) 2-Butanone-d5	7.080	46	17492	76.264	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	152.520%#
24) Chloroform-d	7.653	84	54416	21.856	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.440%
26) 1,2-Dichloroethane-d4	8.305	65	32985	24.906	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.640%
32) Benzene-d6	8.275	84	96269	20.774	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.080%
36) 1,2-Dichloropropane-d6	9.274	67	29384	23.644	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.560%
41) Toluene-d8	10.323	98	92603	19.558	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.240%
43) trans-1,3-Dichloroprop...	10.579	79	12504	21.851	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.400%
47) 2-Hexanone-d5	10.927	63	14287	77.742	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	155.480%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	30023	28.102	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	112.400%
66) 1,2-Dichlorobenzene-d4	13.853	152	27057	20.009	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.040%
Target Compounds						Qvalue
13) Acetone	4.135	43	709	3.448	ug/L	80
17) trans-1,2-Dichloroethene	5.422	96	2391	1.994	ug/L #	71
20) cis-1,2-Dichloroethene	7.171	96	8487	6.711	ug/L	83
34) Trichloroethene	9.092	95	4283	3.313	ug/L	98
37) 1,2-Dichloropropane	9.274	63	3699	3.601	ug/L #	88
39) cis-1,3-Dichloropropene	10.037	75	1068	0.660	ug/L #	83
42) Toluene	10.384	91	7902	1.467	ug/L	98
46) Tetrachloroethene	10.860	164	50897	41.443	ug/L	94
49) Dibromochloromethane	10.860	129	43062	41.544	ug/L #	10
52) Ethylbenzene	11.731	91	7406	1.203	ug/L	99
61) 1,2,3-Trichloropropane	13.554	75	3963	7.804	ug/L #	65
63) 1,2,4-Trimethylbenzene	13.249	105	1741	0.437	ug/L	98

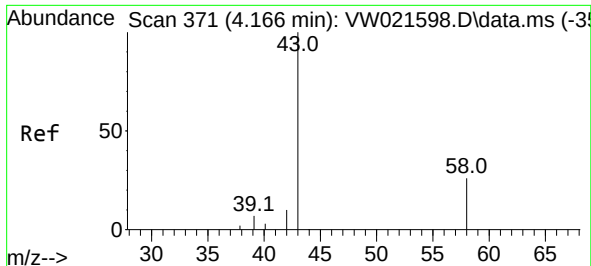
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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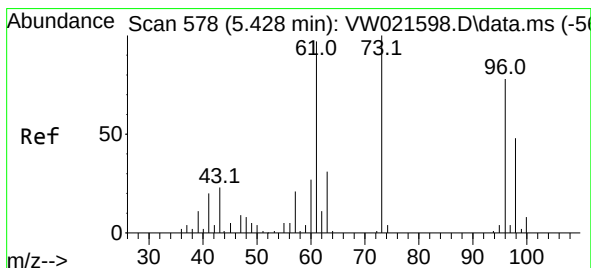
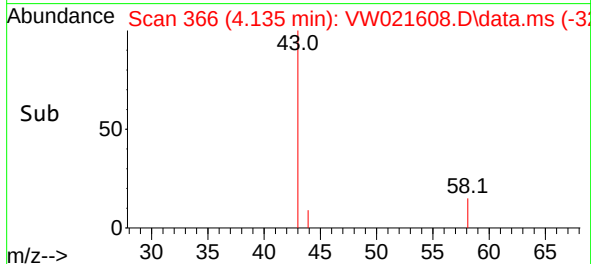
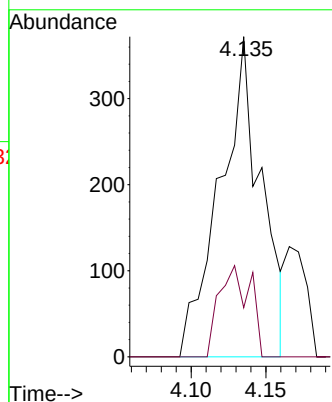
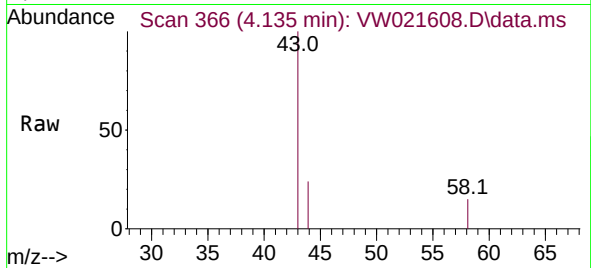




#13
Acetone
Concen: 3.448 ug/L
RT: 4.135 min Scan# 371
Delta R.T. -0.031 min
Lab File: VW021608.D
Acq: 23 Dec 2021 12:51

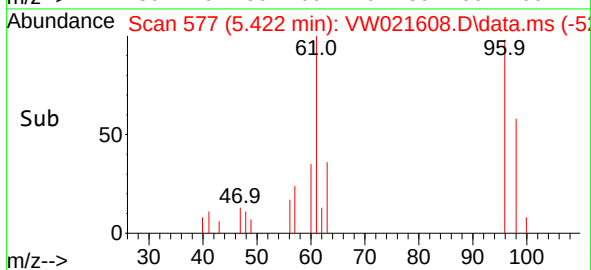
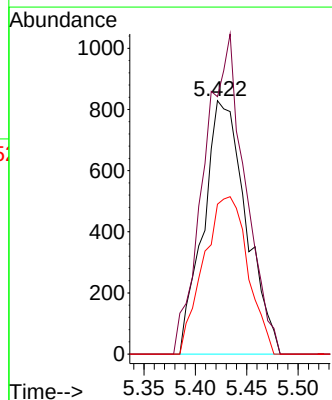
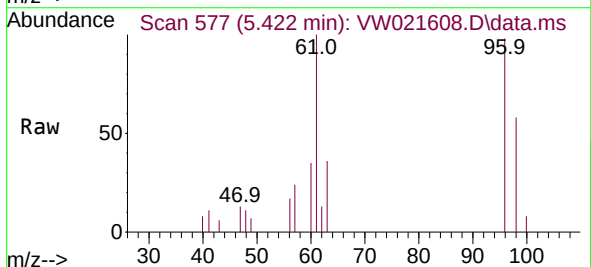
Instrument :
MSVOA_W
ClientSampleId :

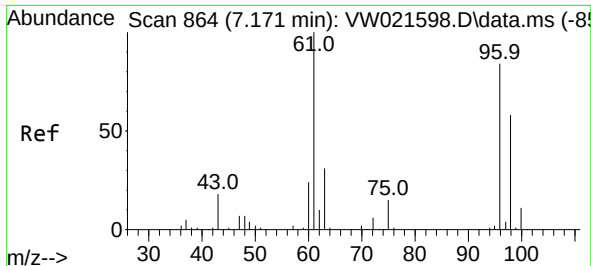
Tgt Ion: 43 Resp: 709
Ion Ratio Lower Upper
43 100
58 16.4 0.0 52.8



#17
trans-1,2-Dichloroethene
Concen: 1.994 ug/L
RT: 5.422 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW021608.D
Acq: 23 Dec 2021 12:51

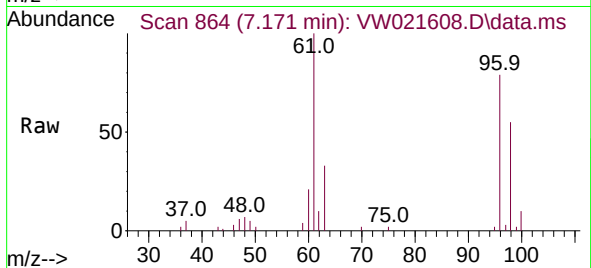
Tgt Ion: 96 Resp: 2391
Ion Ratio Lower Upper
96 100
61 101.6 107.4 199.4#
98 59.1 41.2 76.6





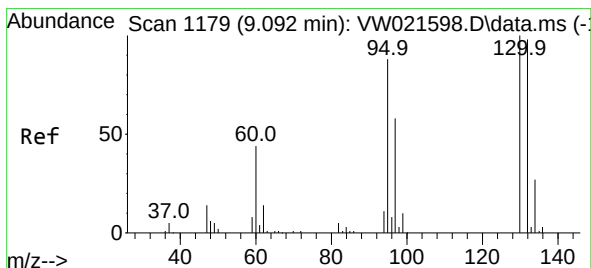
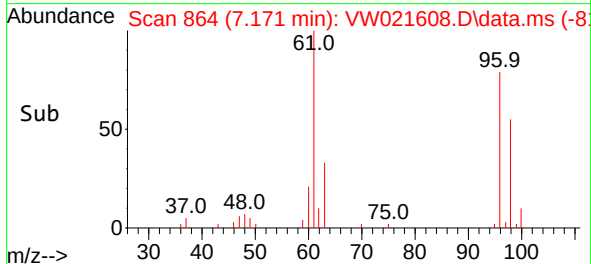
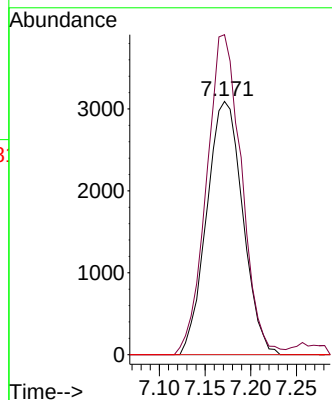
#20
cis-1,2-Dichloroethene
Concen: 6.711 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW021608.D
Acq: 23 Dec 2021 12:51

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 96 Resp: 8487

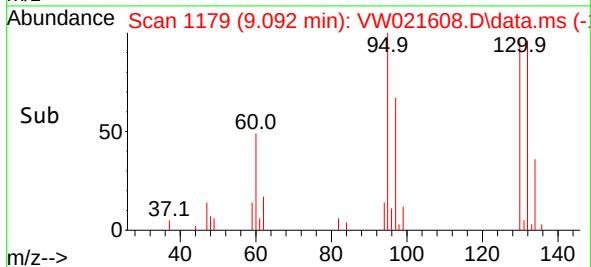
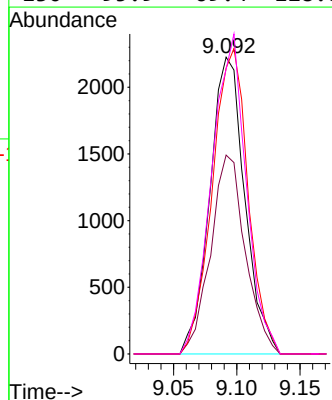
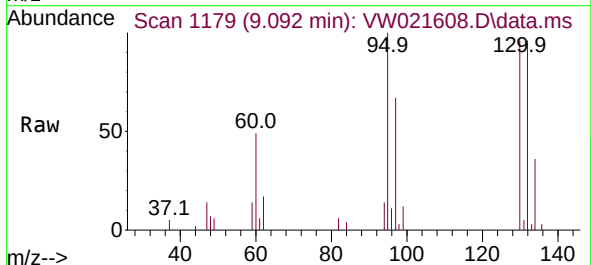
Ion	Ratio	Lower	Upper
96	100		
61	126.3	103.7	192.7
68	0.0	0.0	0.0

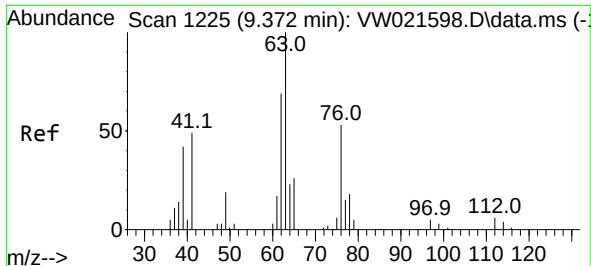


#34
Trichloroethene
Concen: 3.313 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW021608.D
Acq: 23 Dec 2021 12:51

Tgt Ion: 95 Resp: 4283

Ion	Ratio	Lower	Upper
95	100		
97	67.0	47.0	87.2
132	96.4	65.5	121.6
130	95.9	69.4	128.8





#37

1,2-Dichloropropane

Concen: 3.601 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.098 min

Lab File: VW021608.D

Acq: 23 Dec 2021 12:51

Instrument :

MSVOA_W

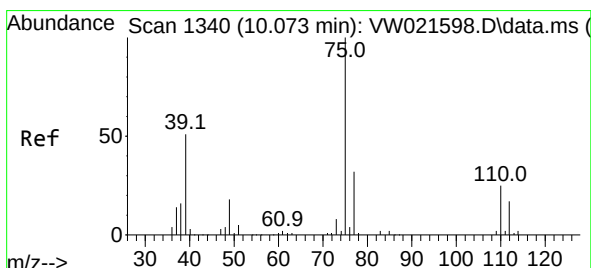
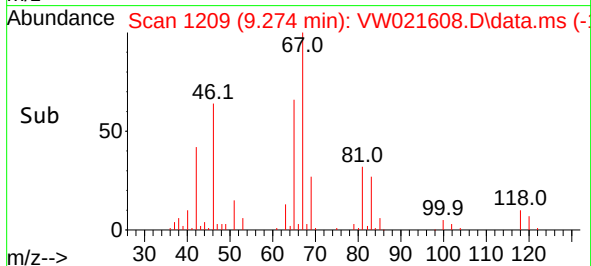
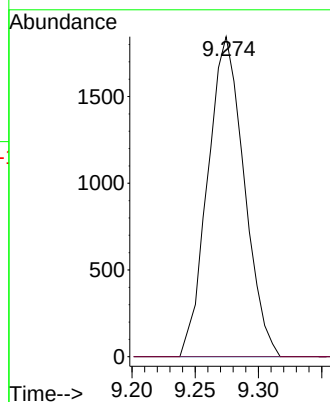
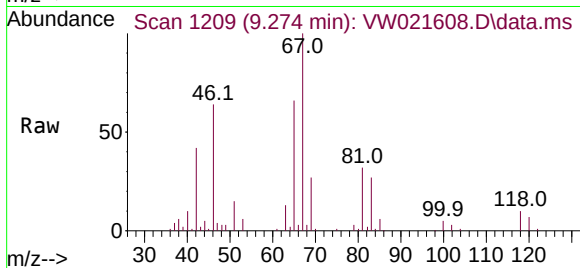
ClientSampleId :

Tgt Ion: 63 Resp: 3699

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.660 ug/L

RT: 10.037 min Scan# 1334

Delta R.T. -0.037 min

Lab File: VW021608.D

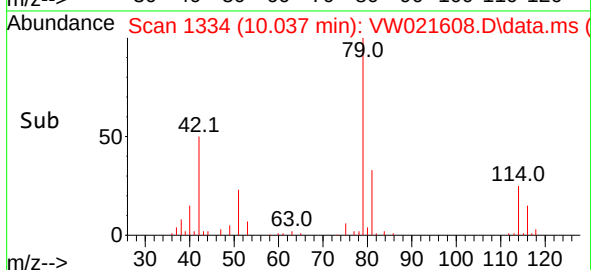
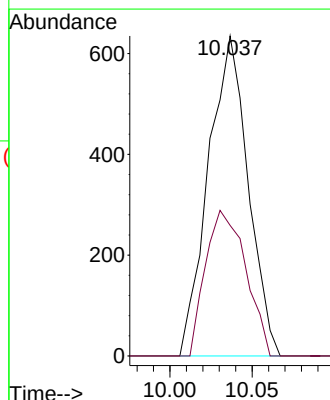
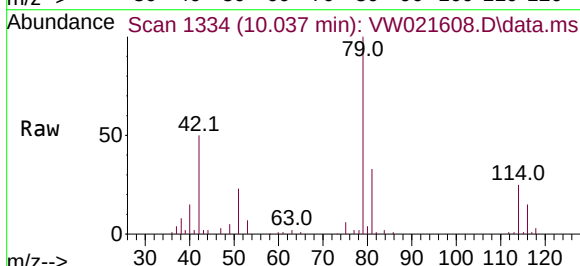
Acq: 23 Dec 2021 12:51

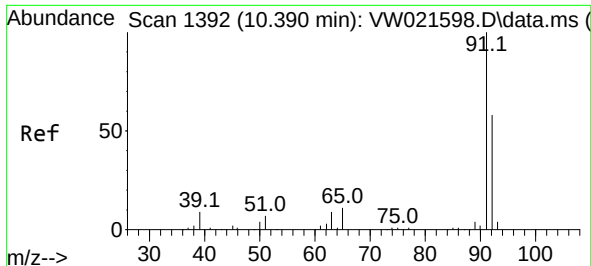
Tgt Ion: 75 Resp: 1068

Ion Ratio Lower Upper

75 100

77 40.8 21.8 40.6#

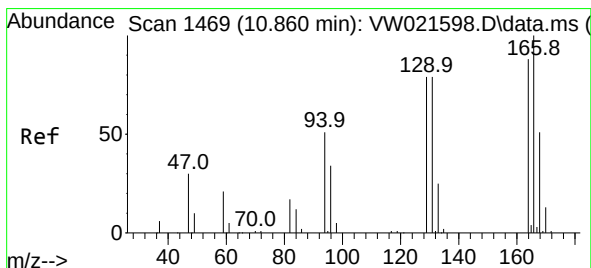
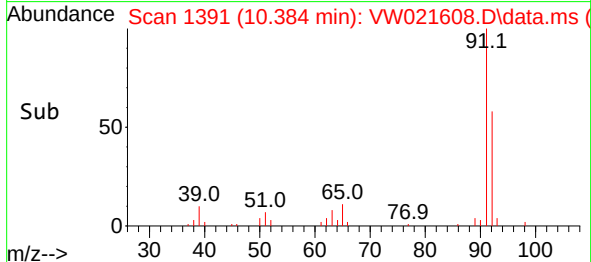
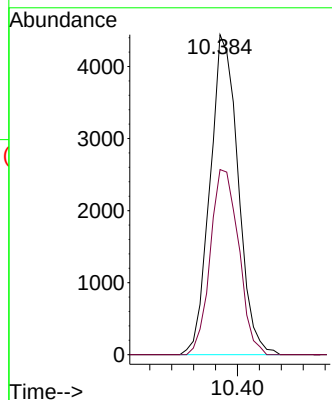
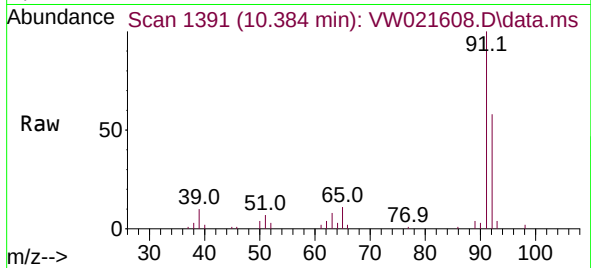




#42
Toluene
Concen: 1.467 ug/L
RT: 10.384 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW021608.D
Acq: 23 Dec 2021 12:51

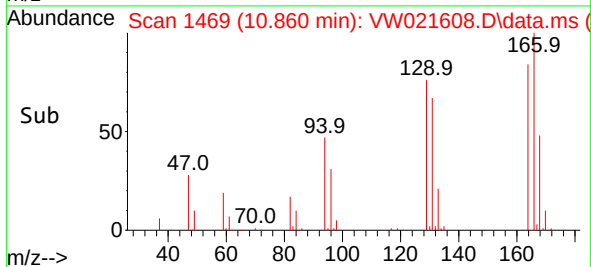
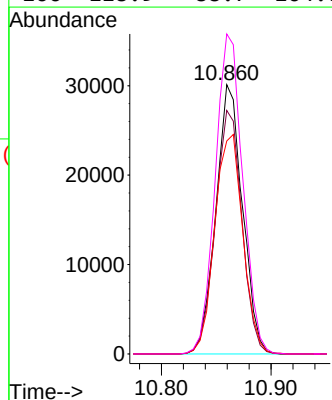
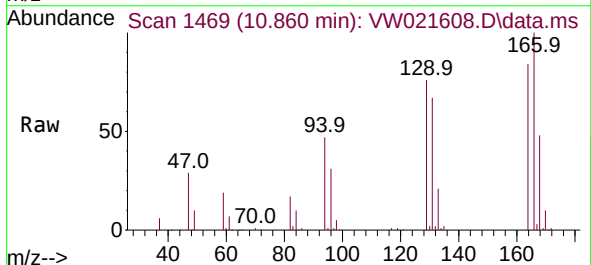
Instrument :
MSVOA_W
ClientSampleId :

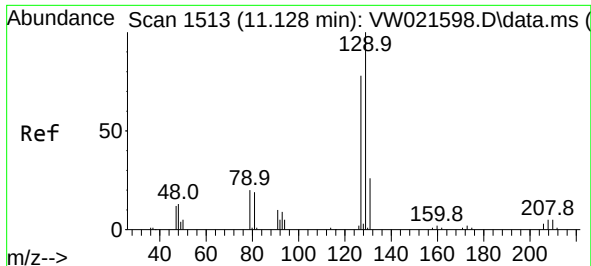
Tgt Ion: 91 Resp: 7902
Ion Ratio Lower Upper
91 100
92 57.9 41.7 77.5



#46
Tetrachloroethene
Concen: 41.443 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW021608.D
Acq: 23 Dec 2021 12:51

Tgt Ion:164 Resp: 50897
Ion Ratio Lower Upper
164 100
129 90.4 65.5 121.7
131 79.1 59.7 110.9
166 118.9 88.7 164.7





#49

Dibromochloromethane

Concen: 41.544 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. -0.268 min

Lab File: VW021608.D

Acq: 23 Dec 2021 12:51

Instrument :

MSVOA_W

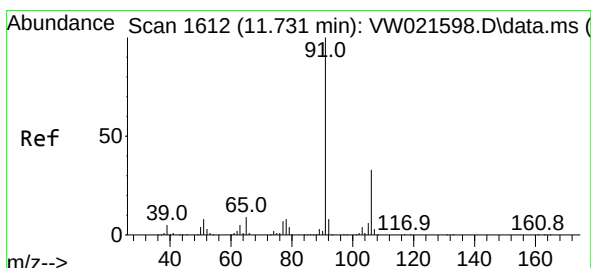
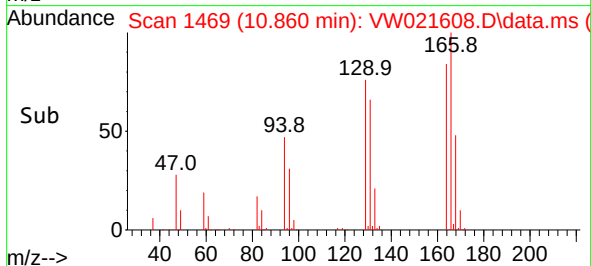
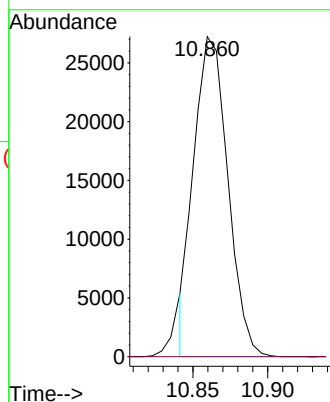
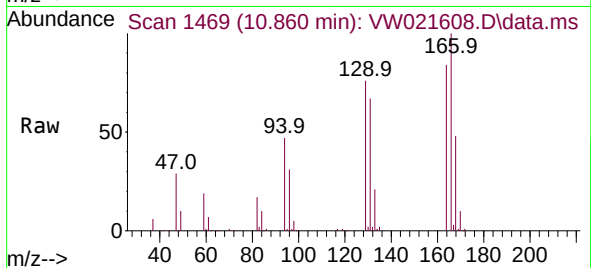
ClientSampleId :

Tgt Ion:129 Resp: 43062

Ion Ratio Lower Upper

129 100

127 0.0 55.7 103.5#



#52

Ethylbenzene

Concen: 1.203 ug/L

RT: 11.731 min Scan# 1612

Delta R.T. -0.000 min

Lab File: VW021608.D

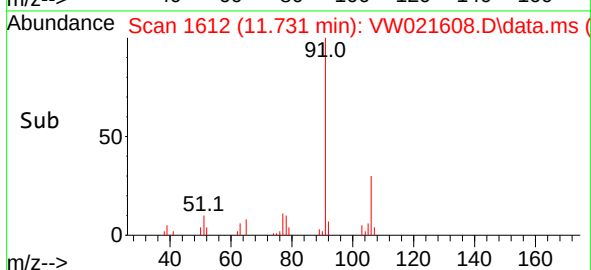
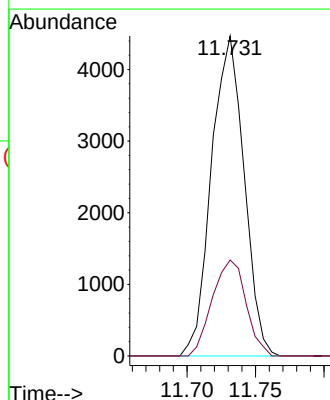
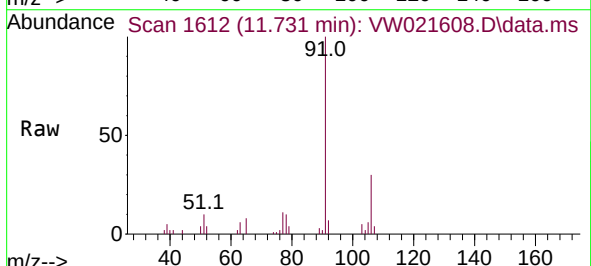
Acq: 23 Dec 2021 12:51

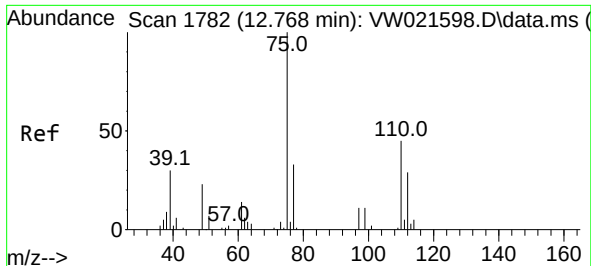
Tgt Ion: 91 Resp: 7406

Ion Ratio Lower Upper

91 100

106 30.0 21.5 39.9





#61

1,2,3-Trichloropropane

Concen: 7.804 ug/L

RT: 13.554 min Scan# 1911

Delta R.T. 0.786 min

Lab File: VW021608.D

Acq: 23 Dec 2021 12:51

Instrument :

MSVOA_W

ClientSampleId :

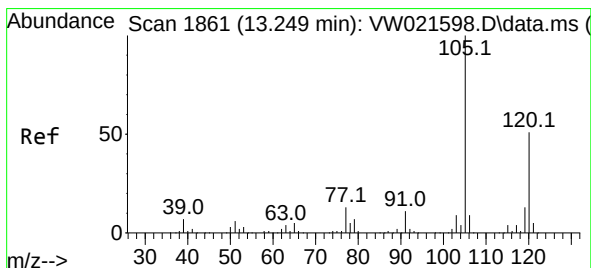
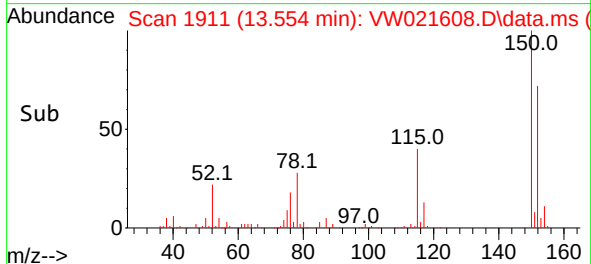
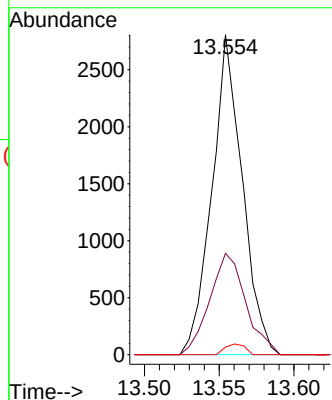
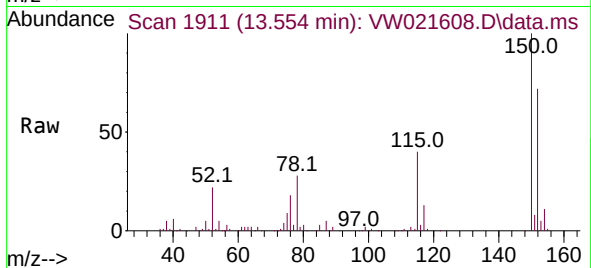
Tgt Ion: 75 Resp: 3963

Ion Ratio Lower Upper

75 100

77 37.6 25.8 38.8

110 2.2 29.0 43.4#



#63

1,2,4-Trimethylbenzene

Concen: 0.437 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW021608.D

Acq: 23 Dec 2021 12:51

Tgt Ion: 105 Resp: 1741

Ion Ratio Lower Upper

105 100

120 45.0 35.0 52.6

