

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
 Data File : VW021600.D
 Acq On : 23 Dec 2021 09:31
 Operator : SY/VA
 Sample : M5214-08
 Misc : 6.25g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 24 00:30:56 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)

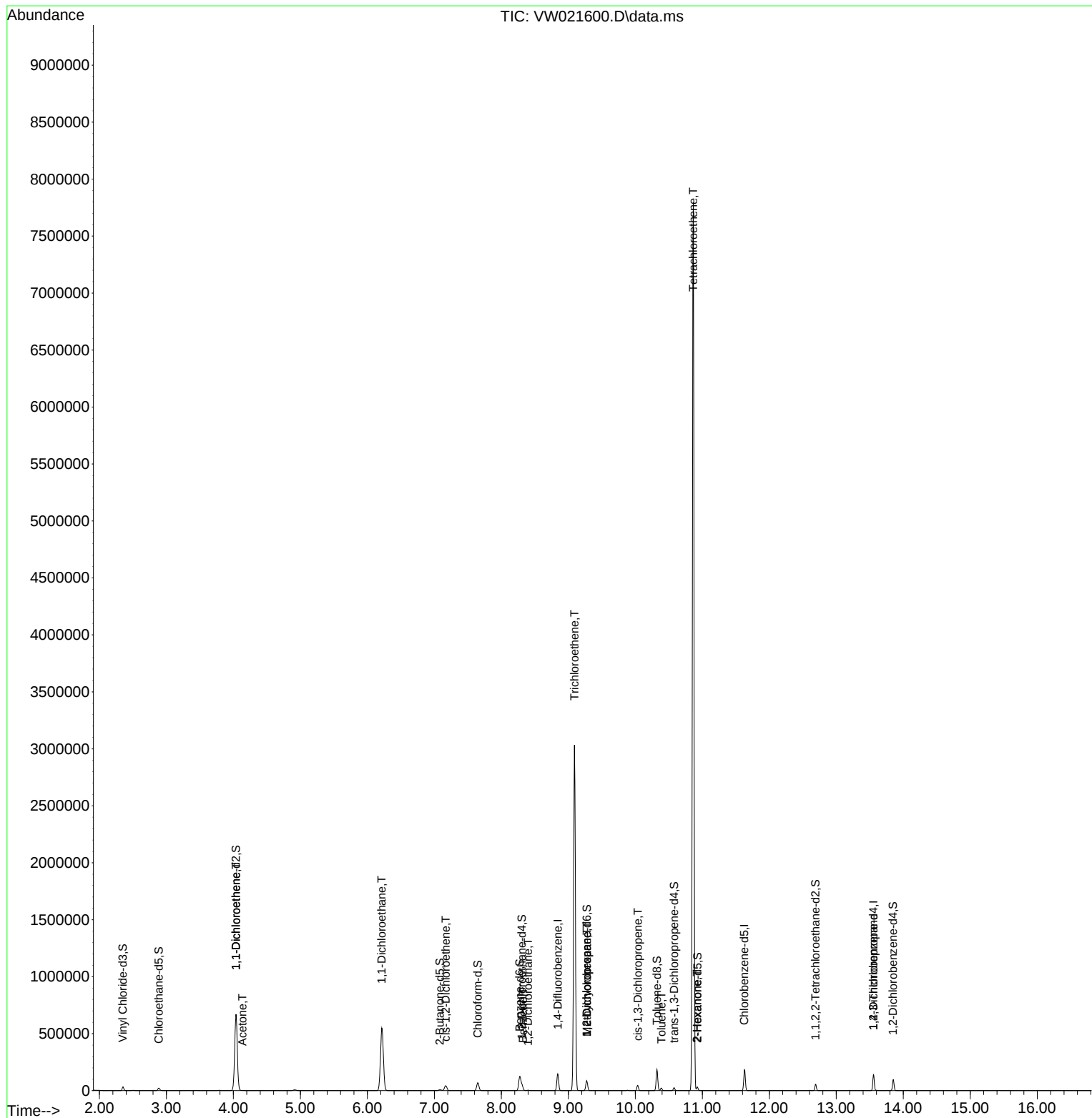
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	126750	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	106157	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	37577	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	31739	13.749	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.000%
7) Chloroethane-d5	2.885	69	24954	16.352	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.400%
11) 1,1-Dichloroethene-d2	4.038	63	223040	72.472	ug/L	0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	=	289.880%#
21) 2-Butanone-d5	7.080	46	14760	45.360	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.720%
24) Chloroform-d	7.647	84	70721	20.022	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.080%
26) 1,2-Dichloroethane-d4	8.305	65	38170	20.315	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.280%
32) Benzene-d6	8.275	84	129434	22.244	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.960%
36) 1,2-Dichloropropane-d6	9.275	67	36514	23.398	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.600%
41) Toluene-d8	10.323	98	120909	20.337	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.360%
43) trans-1,3-Dichloroprop...	10.579	79	13810	19.219	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.880%
47) 2-Hexanone-d5	10.927	63	10635	46.086	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.180%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	25981	19.367	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	77.480%
66) 1,2-Dichlorobenzene-d4	13.847	152	25827	17.734	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	70.920%#
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.038	96	362471	230.709	ug/L #	58
13) Acetone	4.135	43	2161	7.408	ug/L	78
19) 1,1-Dichloroethane	6.214	63	756152	283.264	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	27003	15.050	ug/L	74
27) 1,2-Dichloroethane	8.397	62	3005	1.531	ug/L #	94
33) Benzene	8.323	78	4238	0.733	ug/L	100
34) Trichloroethene	9.092	95	969224	597.051	ug/L	93
35) Methylcyclohexane	9.275	83	9905	3.699	ug/L #	14
37) 1,2-Dichloropropane	9.275	63	4839	3.751	ug/L #	88
39) cis-1,3-Dichloropropene	10.037	75	1349	0.663	ug/L #	80
42) Toluene	10.390	91	16711	2.471	ug/L	100
46) Tetrachloroethene	10.866	164	1796899	1165.212	ug/L	92
48) 2-Hexanone	10.921	43	1857	3.643	ug/L #	65
61) 1,2,3-Trichloropropane	13.554	75	4275	7.817	ug/L #	67

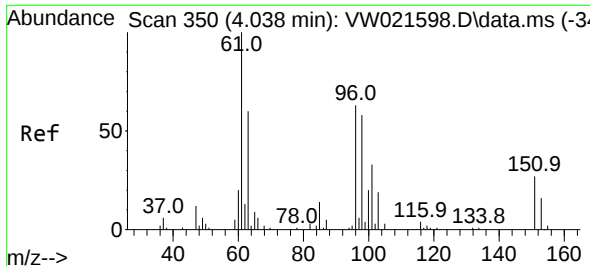
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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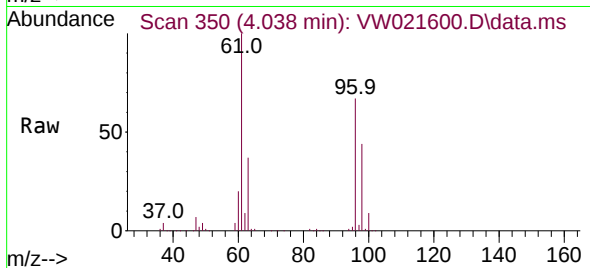
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 24 00:28:54 2021
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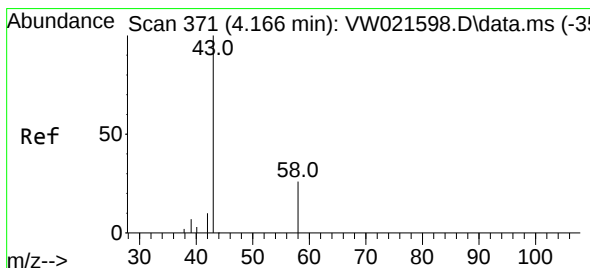
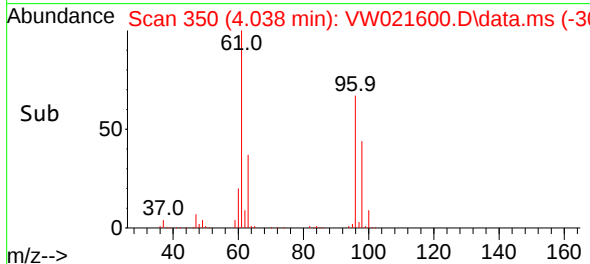
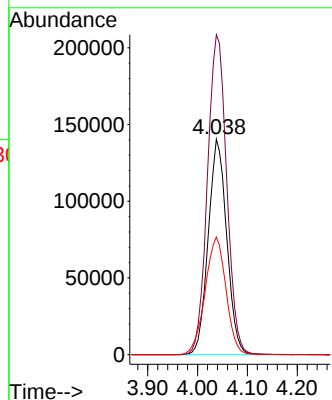


#12
 1,1-Dichloroethene
 Concen: 230.709 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. 0.000 min
 Lab File: VW021600.D
 Acq: 23 Dec 2021 09:31

Instrument :
 MSVOA_W
 ClientSampleId :

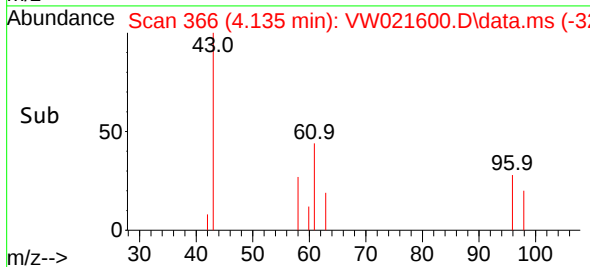
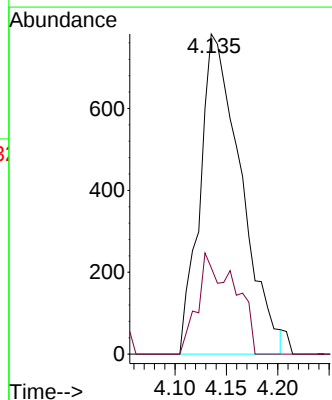
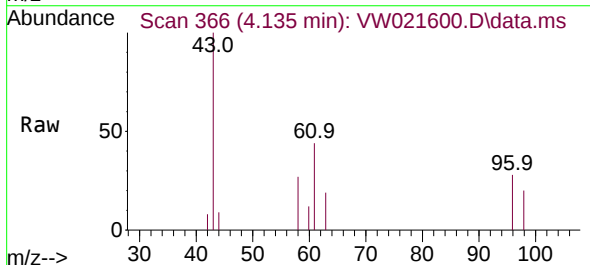


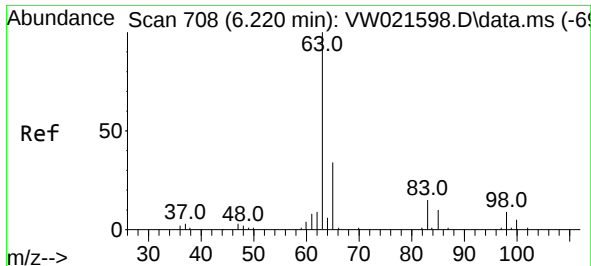
Tgt Ion: 96 Resp: 362471
 Ion Ratio Lower Upper
 96 100
 61 148.4 138.3 256.9
 63 54.5 82.6 153.4#



#13
 Acetone
 Concen: 7.408 ug/L
 RT: 4.135 min Scan# 366
 Delta R.T. -0.030 min
 Lab File: VW021600.D
 Acq: 23 Dec 2021 09:31

Tgt Ion: 43 Resp: 2161
 Ion Ratio Lower Upper
 43 100
 58 15.0 0.0 52.8





#19

1,1-Dichloroethane

Concen: 283.264 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

Lab File: VW021600.D

Acq: 23 Dec 2021 09:31

Instrument :

MSVOA_W

ClientSampleId :

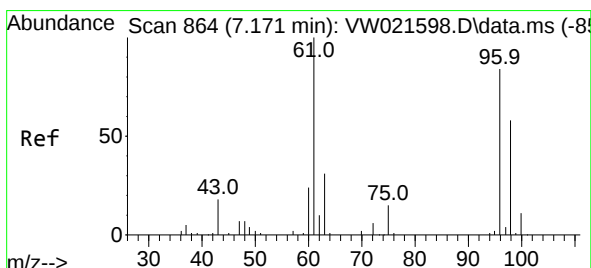
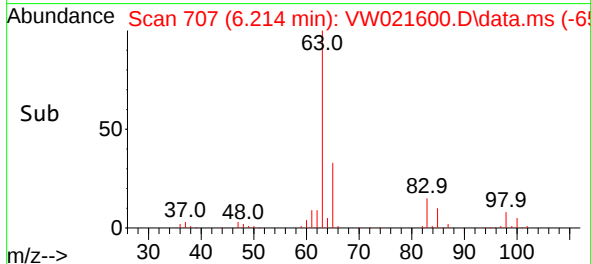
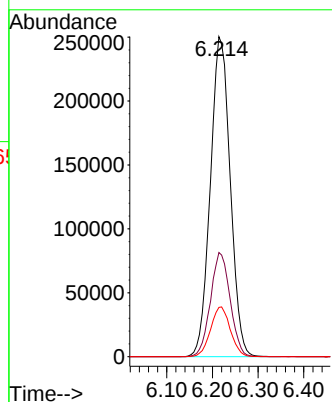
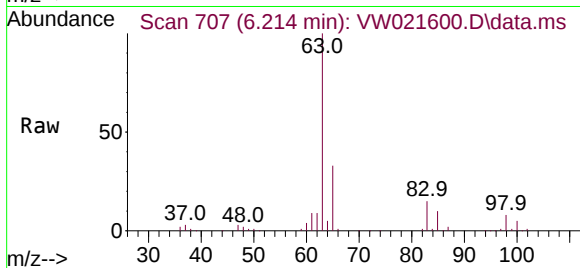
Tgt Ion: 63 Resp: 756152

Ion Ratio Lower Upper

63 100

65 32.6 22.1 41.1

83 15.4 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 15.050 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW021600.D

Acq: 23 Dec 2021 09:31

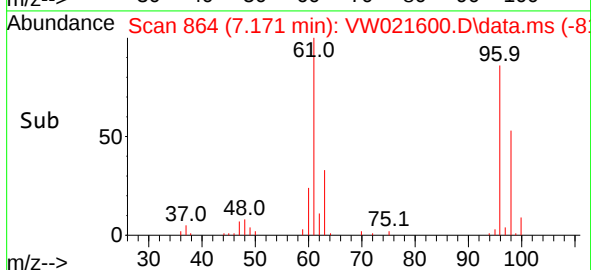
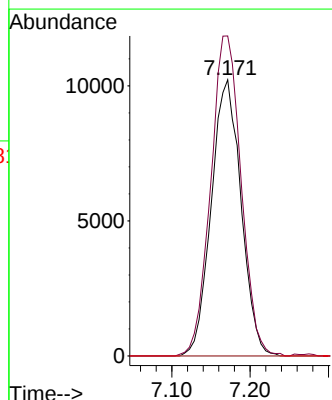
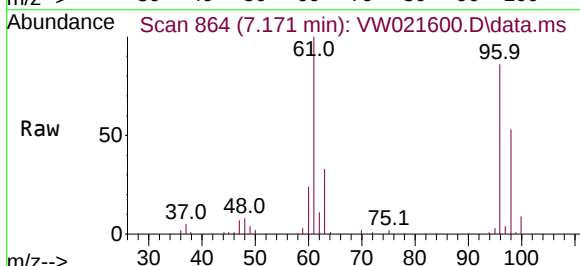
Tgt Ion: 96 Resp: 27003

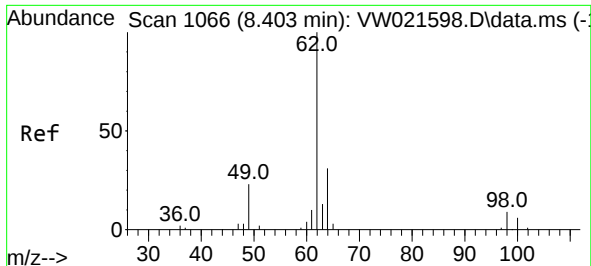
Ion Ratio Lower Upper

96 100

61 115.8 103.7 192.7

68 0.0 0.0 0.0





#27

1,2-Dichloroethane

Concen: 1.531 ug/L

RT: 8.397 min Scan# 1065

Delta R.T. -0.006 min

Lab File: VW021600.D

Acq: 23 Dec 2021 09:31

Instrument :

MSVOA_W

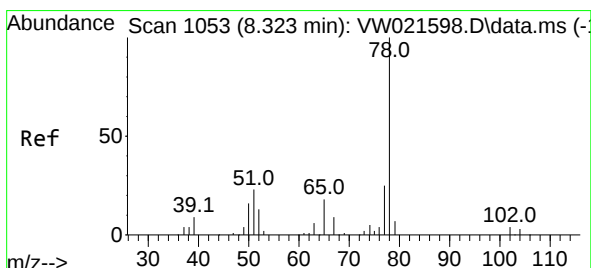
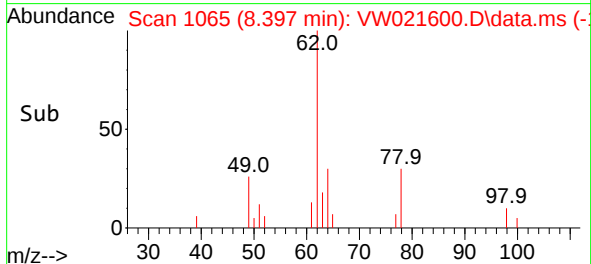
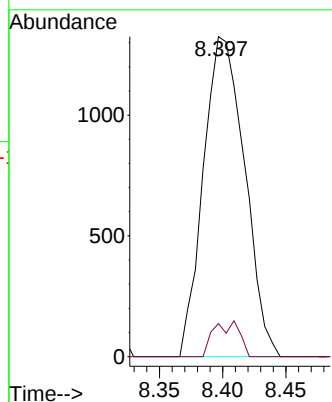
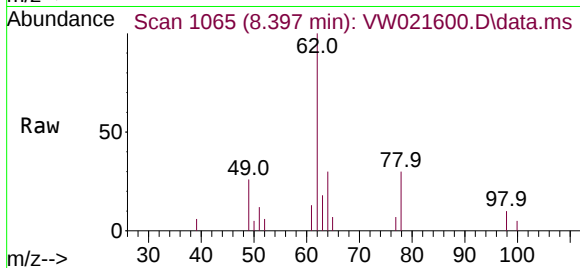
ClientSampleId :

Tgt Ion: 62 Resp: 3005

Ion Ratio Lower Upper

62 100

98 10.3 6.5 9.7#



#33

Benzene

Concen: 0.733 ug/L

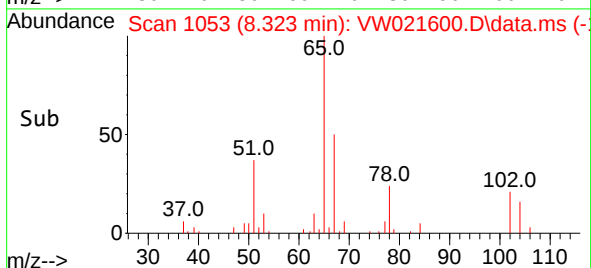
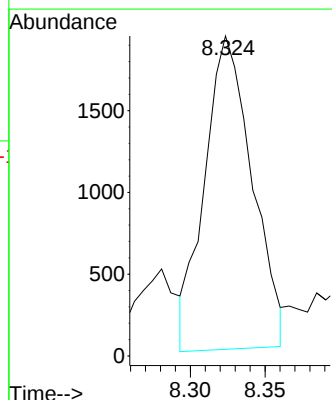
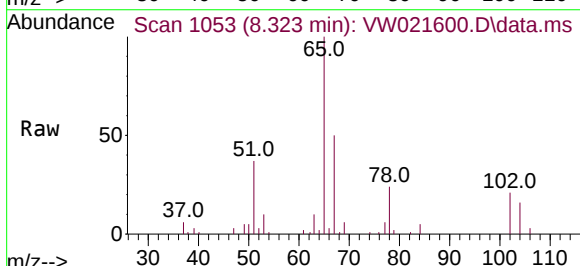
RT: 8.323 min Scan# 1053

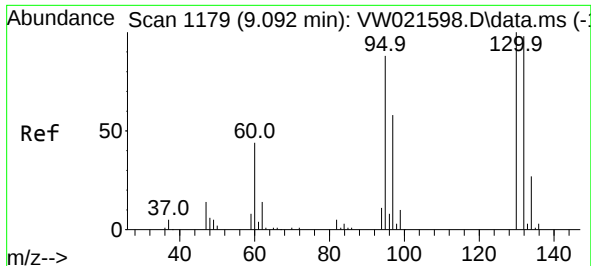
Delta R.T. 0.000 min

Lab File: VW021600.D

Acq: 23 Dec 2021 09:31

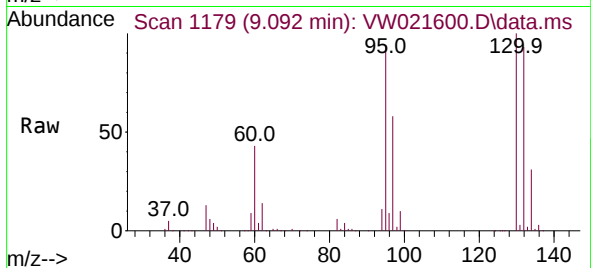
Tgt Ion: 78 Resp: 4238



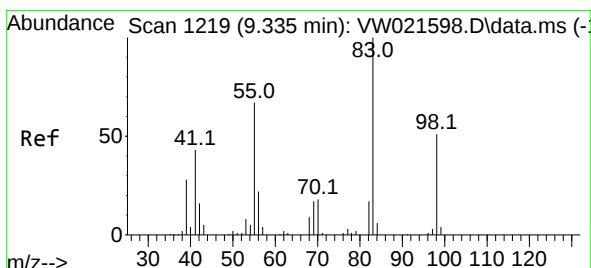
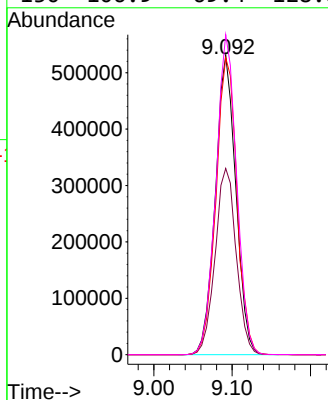
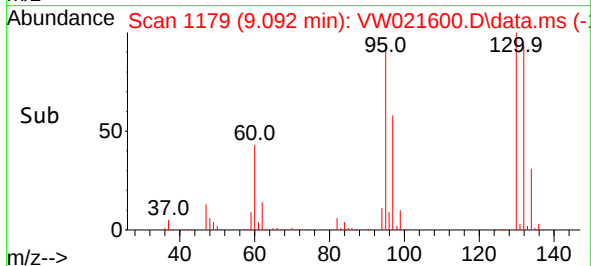


#34
Trichloroethene
Concen: 597.051 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW021600.D
Acq: 23 Dec 2021 09:31

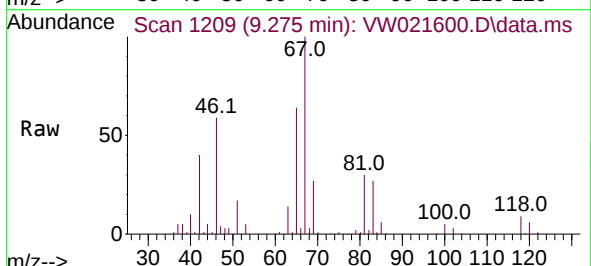
Instrument :
MSVOA_W
ClientSampleId :



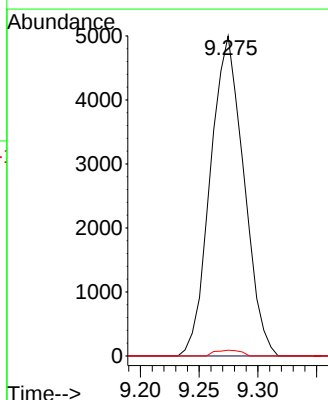
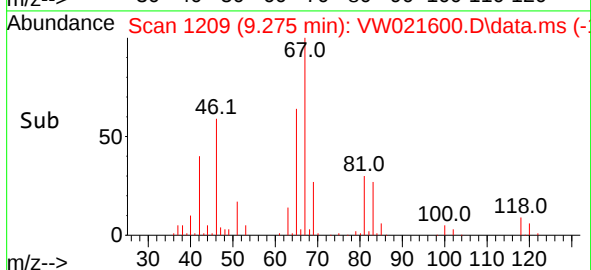
Tgt Ion: 95 Resp: 969224
Ion Ratio Lower Upper
95 100
97 62.3 47.0 87.2
132 99.3 65.5 121.6
130 106.9 69.4 128.8

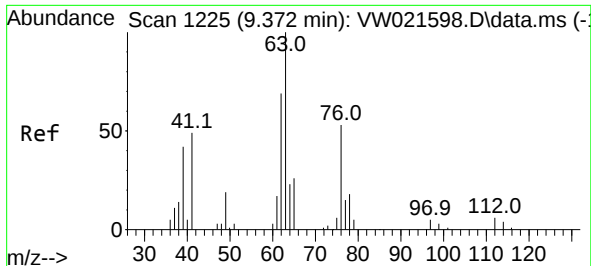


#35
Methylcyclohexane
Concen: 3.699 ug/L
RT: 9.275 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW021600.D
Acq: 23 Dec 2021 09:31



Tgt Ion: 83 Resp: 9905
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: 3.751 ug/L

RT: 9.275 min Scan# 11

Delta R.T. -0.098 min

Lab File: VW021600.D

Acq: 23 Dec 2021 09:31

Instrument :

MSVOA_W

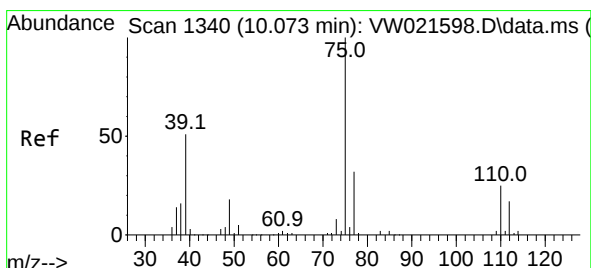
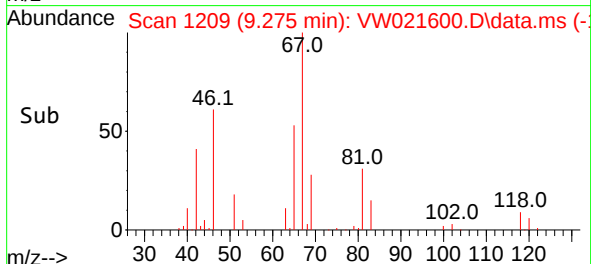
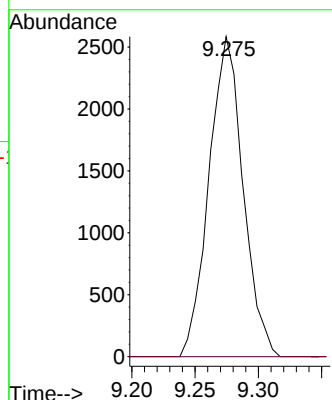
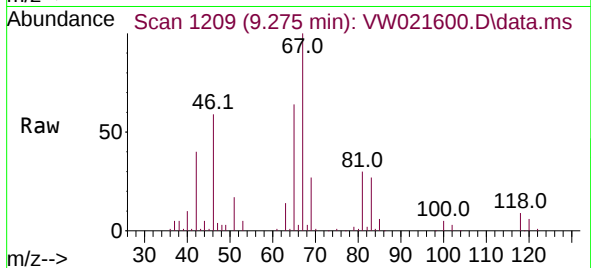
ClientSampleId :

Tgt Ion: 63 Resp: 4839

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.663 ug/L

RT: 10.037 min Scan# 1334

Delta R.T. -0.037 min

Lab File: VW021600.D

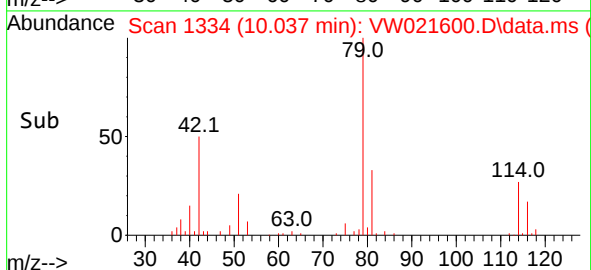
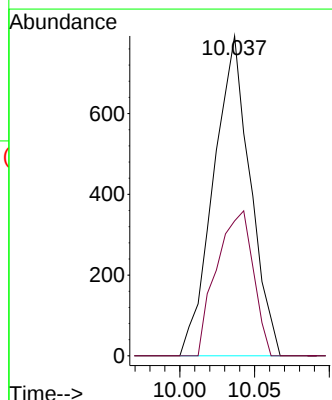
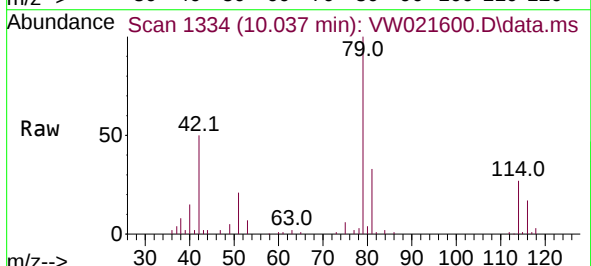
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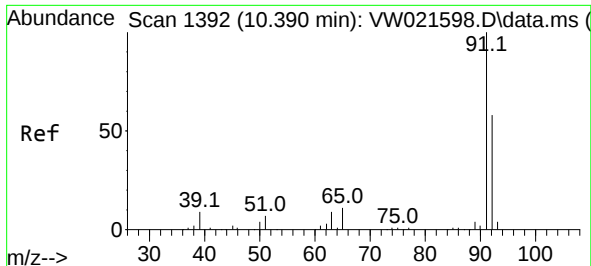
Tgt Ion: 75 Resp: 1349

Ion Ratio Lower Upper

75 100

77 42.2 21.8 40.6#

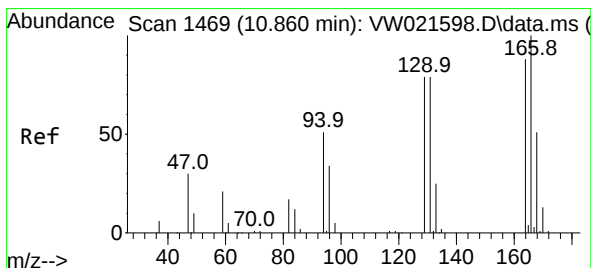
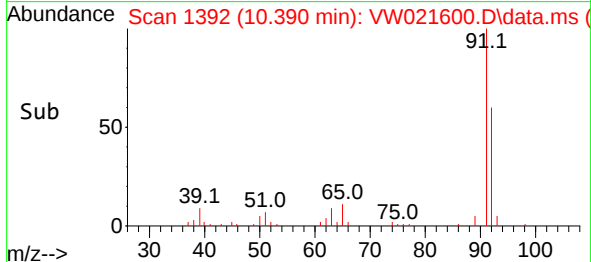
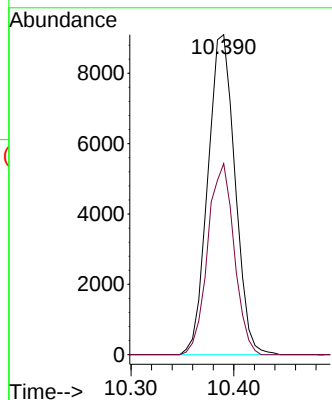
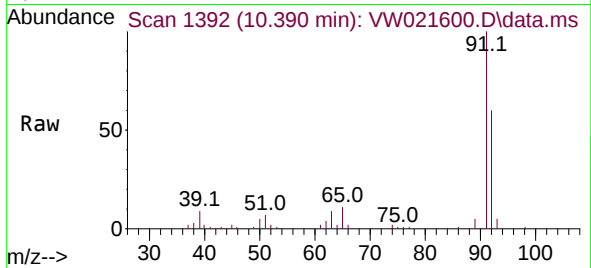




#42
Toluene
Concen: 2.471 ug/L
RT: 10.390 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW021600.D
Acq: 23 Dec 2021 09:31

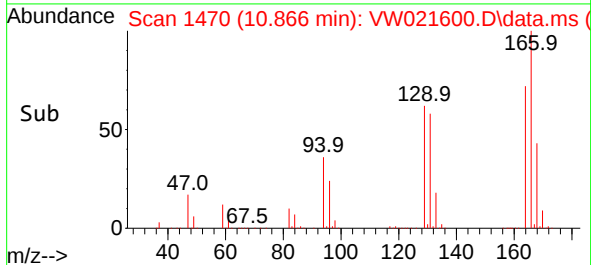
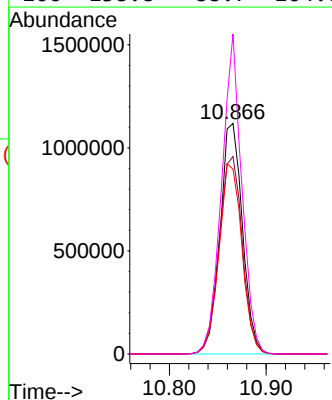
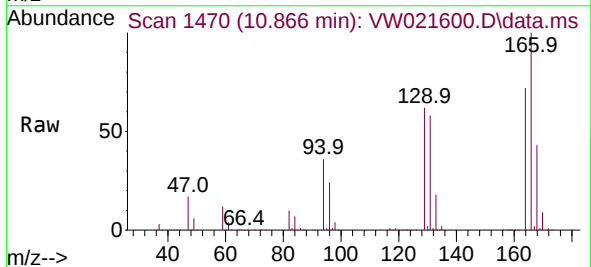
Instrument :
MSVOA_W
ClientSampleId :

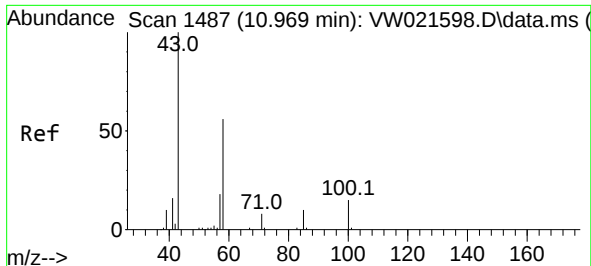
Tgt Ion: 91 Resp: 16711
Ion Ratio Lower Upper
91 100
92 59.7 41.7 77.5



#46
Tetrachloroethene
Concen: 1165.212 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW021600.D
Acq: 23 Dec 2021 09:31

Tgt Ion:164 Resp: 1796899
Ion Ratio Lower Upper
164 100
129 85.7 65.5 121.7
131 80.1 59.7 110.9
166 138.8 88.7 164.7





#48

2-Hexanone

Concen: 3.643 ug/L

RT: 10.921 min Scan# 14

Delta R.T. -0.049 min

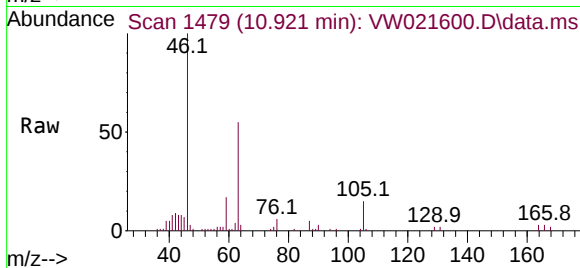
Lab File: VW021600.D

Acq: 23 Dec 2021 09:31

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 1857

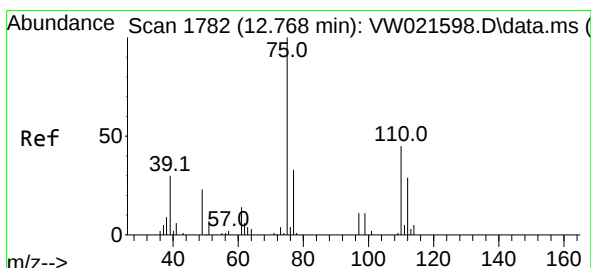
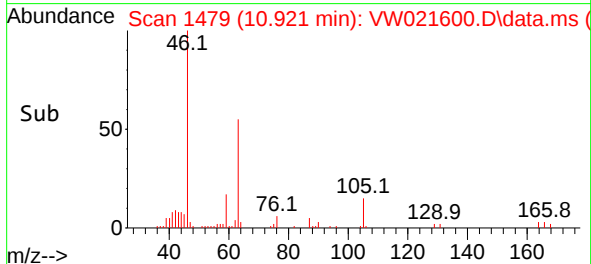
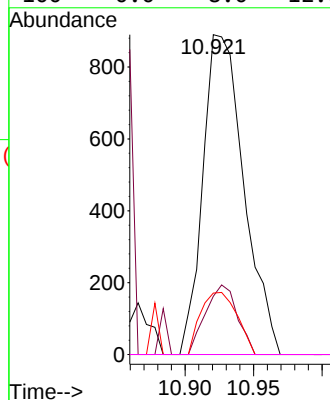
Ion Ratio Lower Upper

43 100

58 16.9 40.2 60.2#

57 17.3 14.3 21.5

100 0.0 8.0 12.0#



#61

1,2,3-Trichloropropane

Concen: 7.817 ug/L

RT: 13.554 min Scan# 1911

Delta R.T. 0.786 min

Lab File: VW021600.D

Acq: 23 Dec 2021 09:31

Tgt Ion: 75 Resp: 4275

Ion Ratio Lower Upper

75 100

77 35.8 25.8 38.8

110 2.8 29.0 43.4#

