

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021422\
 Data File : VW024650.D
 Acq On : 14 Feb 2022 14:53
 Operator : SY/MD
 Sample : N1480-13DL 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 15 06:28:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 15 06:26:19 2022
 Response via : Initial Calibration

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

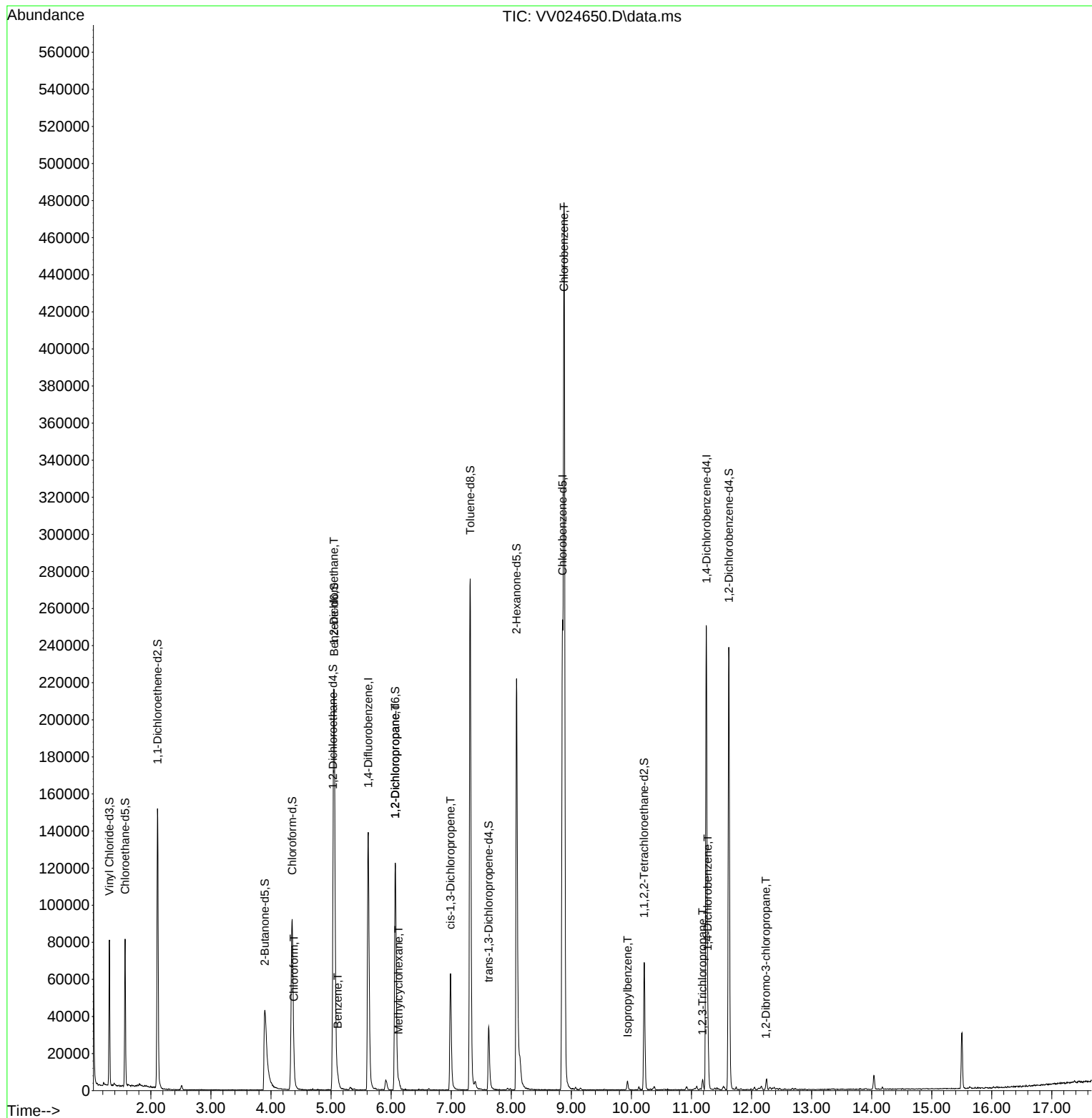
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	118663	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	120032	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	59932	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	49327	4.959	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	99.200%	
7) Chloroethane-d5	1.571	69	48300	5.744	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	114.800%	
11) 1,1-Dichloroethene-d2	2.111	63	81132	3.729	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	74.600%	
20) 2-Butanone-d5	3.896	46	93945	56.894	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	113.780%	
24) Chloroform-d	4.352	84	95318	5.445	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	108.800%	
26) 1,2-Dichloroethane-d4	5.034	65	46255	5.823	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	116.400%	
32) Benzene-d6	5.053	84	199691	5.863	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	117.200%	
36) 1,2-Dichloropropane-d6	6.069	67	60140	5.678	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	113.600%	
41) Toluene-d8	7.317	98	183036	5.762	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	115.200%	
43) trans-1,3-Dichloroprop...	7.625	79	21456	5.016	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	100.400%	
46) 2-Hexanone-d5	8.088	63	79348	52.651	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	105.300%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	33025	5.236	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	104.800%	
66) 1,2-Dichlorobenzene-d4	11.622	152	56013	5.798	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	116.000%	
Target Compounds						
					Qvalue	
25) Chloroform	4.381	83	2662	0.122	ug/L	89
27) 1,2-Dichloroethane	5.050	62	1151	0.096	ug/L #	73
33) Benzene	5.111	78	7227	0.154	ug/L	100
35) Methylcyclohexane	6.124	83	1446	0.068	ug/L #	83
37) 1,2-Dichloropropane	6.069	63	7029	0.619	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	1637	0.095	ug/L #	62
51) Chlorobenzene	8.879	112	244888	7.830	ug/L	94
60) Isopropylbenzene	9.937	105	3568	0.066	ug/L #	82
61) 1,2,3-Trichloropropane	11.185	75	871	0.147	ug/L #	37
65) 1,4-Dichlorobenzene	11.271	146	11552	0.526	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.239	75	143	0.125	ug/L #	1

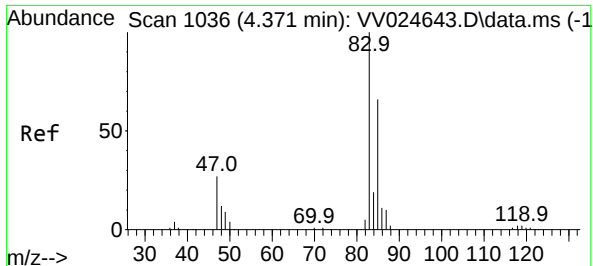
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Feb 15 06:26:19 2022
Response via : Initial Calibration





#25

Chloroform

Concen: 0.122 ug/L

RT: 4.381 min Scan# 1036

Delta R.T. 0.010 min

Lab File: VV024650.D

Acq: 14 Feb 2022 14:53

Instrument :

MSVOA_V

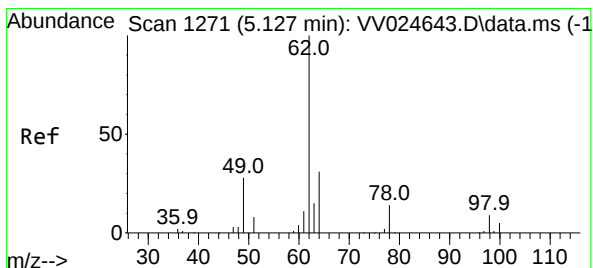
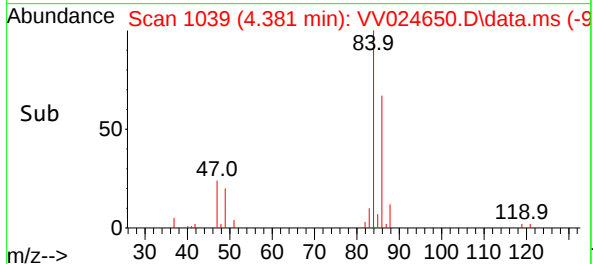
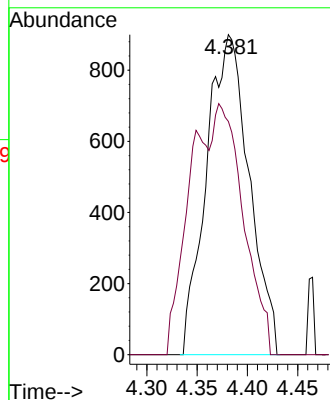
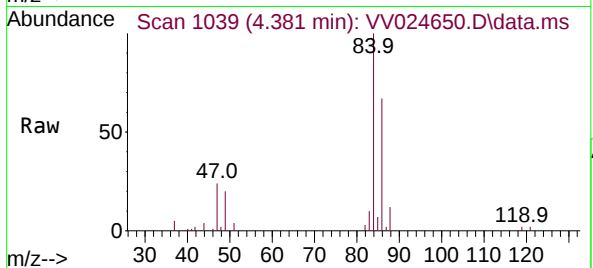
ClientSampleId :

Tgt Ion: 83 Resp: 2662

Ion Ratio Lower Upper

83 100

85 72.9 45.2 84.0



#27

1,2-Dichloroethane

Concen: 0.096 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. -0.077 min

Lab File: VV024650.D

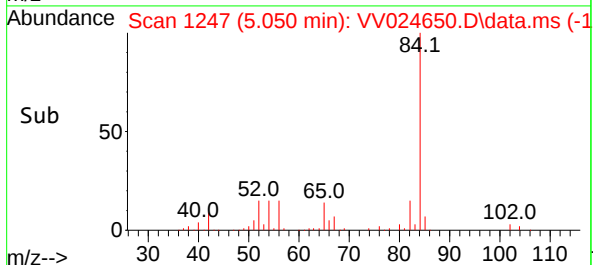
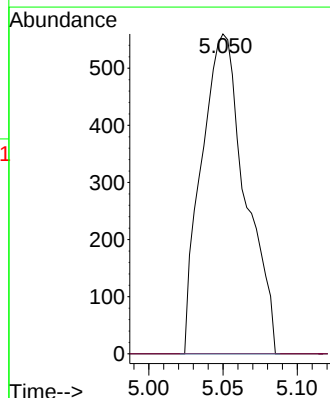
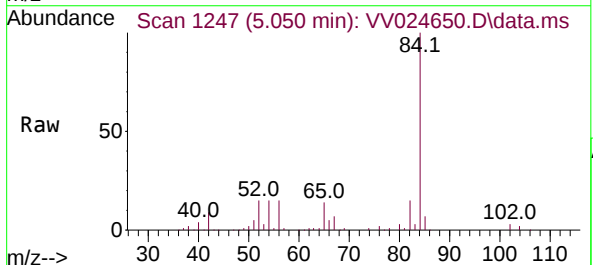
Acq: 14 Feb 2022 14:53

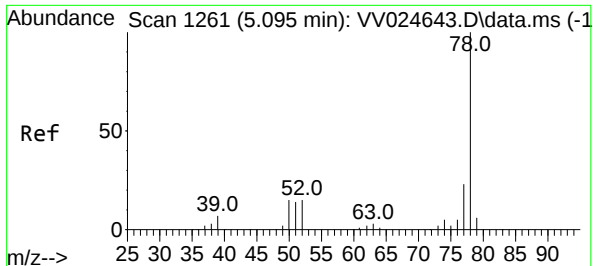
Tgt Ion: 62 Resp: 1151

Ion Ratio Lower Upper

62 100

98 0.0 8.1 12.1#





#33

Benzene

Concen: 0.154 ug/L

RT: 5.111 min Scan# 1

Delta R.T. 0.016 min

Lab File: VV024650.D

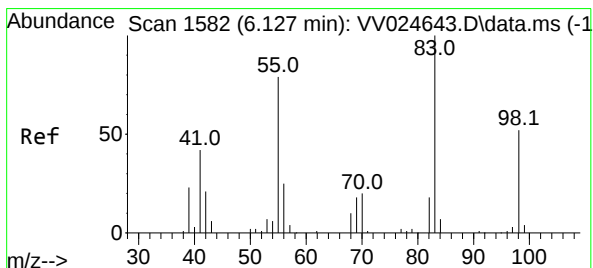
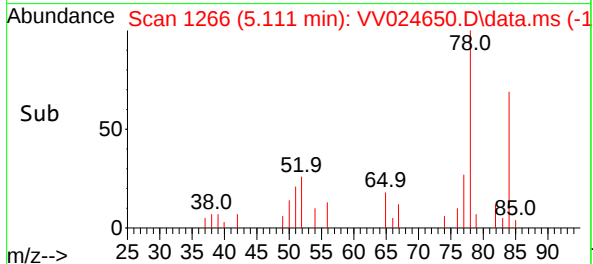
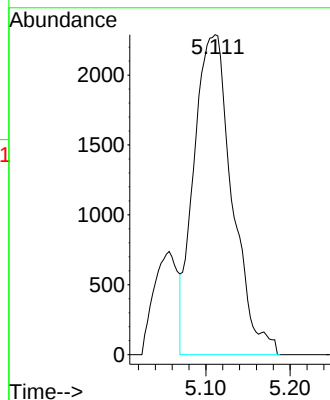
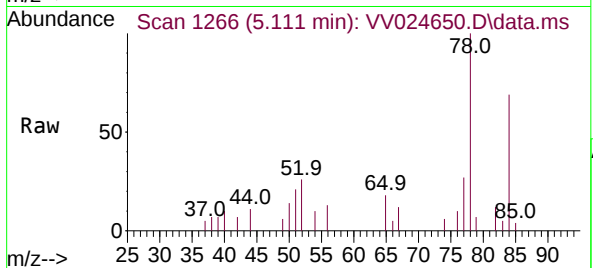
Acq: 14 Feb 2022 14:53

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 78 Resp: 7227



#35

Methylcyclohexane

Concen: 0.068 ug/L

RT: 6.124 min Scan# 1581

Delta R.T. -0.003 min

Lab File: VV024650.D

Acq: 14 Feb 2022 14:53

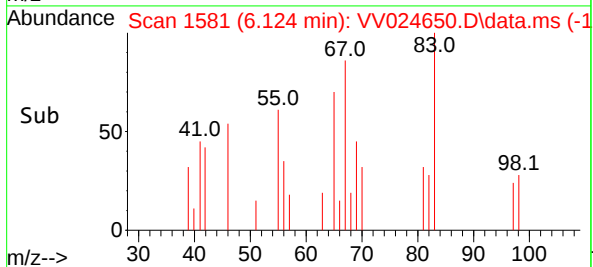
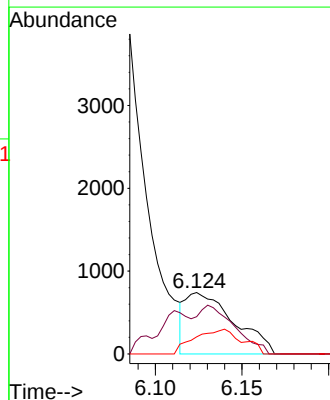
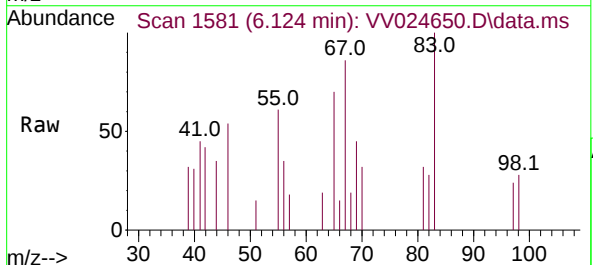
Tgt Ion: 83 Resp: 1446

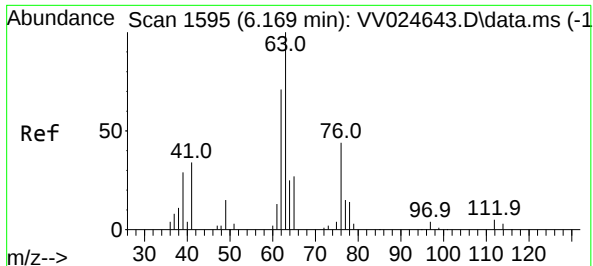
Ion Ratio Lower Upper

83 100

55 61.1 60.2 90.2

98 39.5 41.0 61.4#





#37

1,2-Dichloropropane

Concen: 0.619 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV024650.D

Acq: 14 Feb 2022 14:53

Instrument :

MSVOA_V

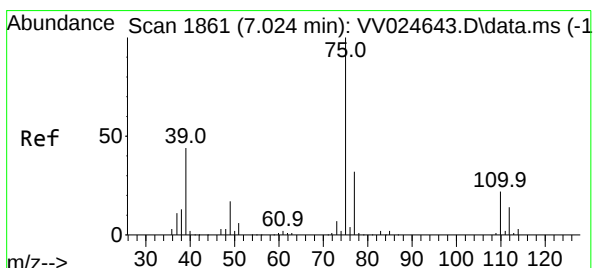
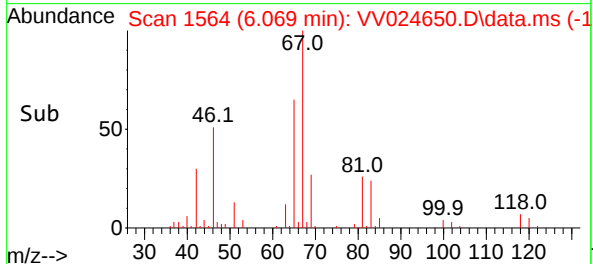
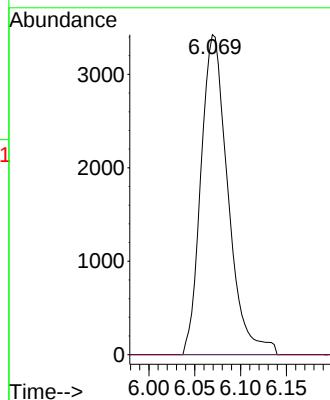
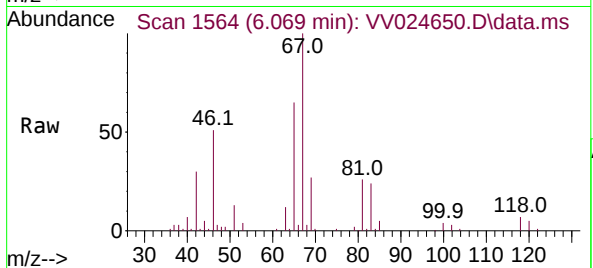
ClientSampleId :

Tgt Ion: 63 Resp: 7029

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#



#39

cis-1,3-Dichloropropene

Concen: 0.095 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.035 min

Lab File: VV024650.D

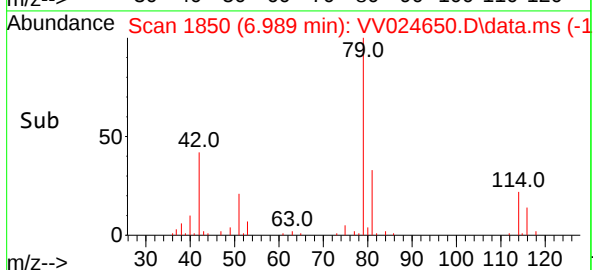
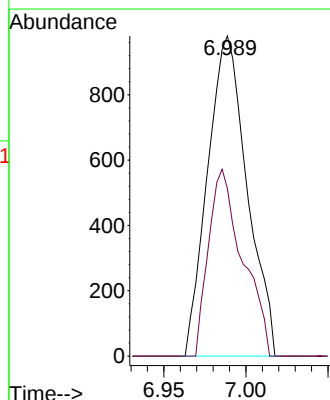
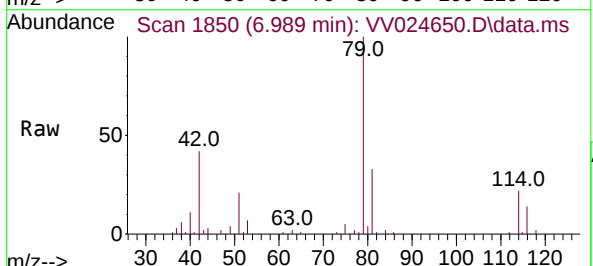
Acq: 14 Feb 2022 14:53

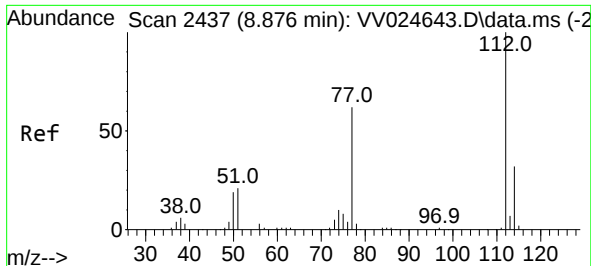
Tgt Ion: 75 Resp: 1637

Ion Ratio Lower Upper

75 100

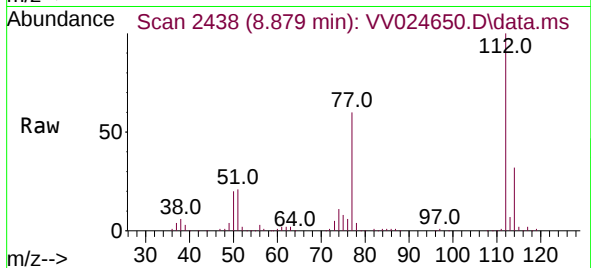
77 52.3 22.0 41.0#



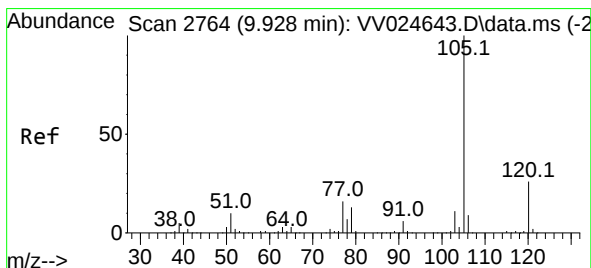
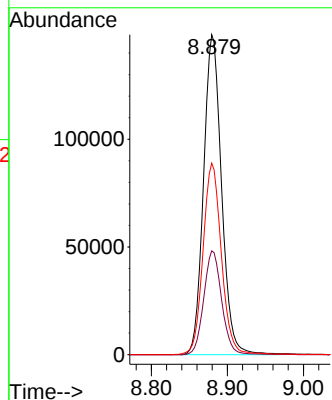
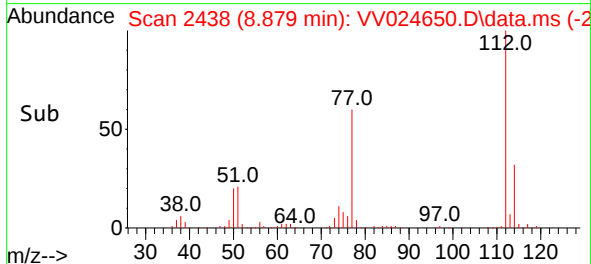


#51
Chlorobenzene
Concen: 7.830 ug/L
RT: 8.879 min Scan# 2437
Delta R.T. 0.003 min
Lab File: VV024650.D
Acq: 14 Feb 2022 14:53

Instrument :
MSVOA_V
ClientSampleId :

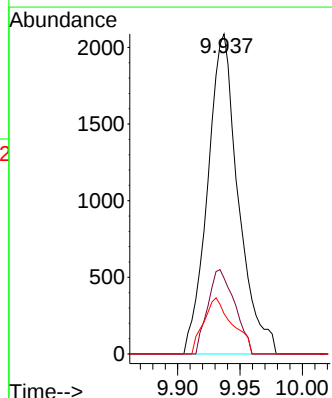
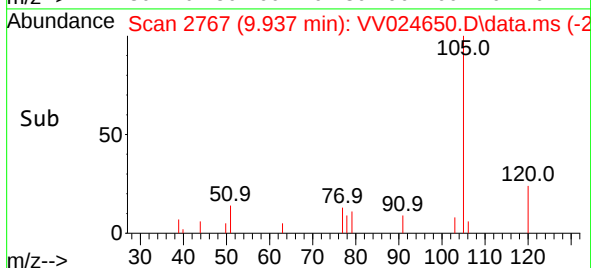
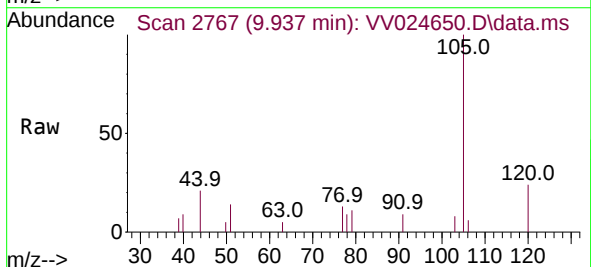


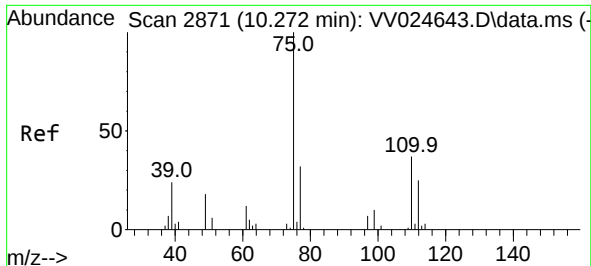
Tgt Ion:112 Resp: 244888
Ion Ratio Lower Upper
112 100
114 32.4 23.3 43.3
77 59.9 43.3 64.9



#60
Isopropylbenzene
Concen: 0.066 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. 0.010 min
Lab File: VV024650.D
Acq: 14 Feb 2022 14:53

Tgt Ion:105 Resp: 3568
Ion Ratio Lower Upper
105 100
120 23.2 21.4 32.0
77 0.0 12.2 18.4





#61

1,2,3-Trichloropropane

Concen: 0.147 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.913 min

Lab File: VV024650.D

Acq: 14 Feb 2022 14:53

Instrument :

MSVOA_V

ClientSampleId :

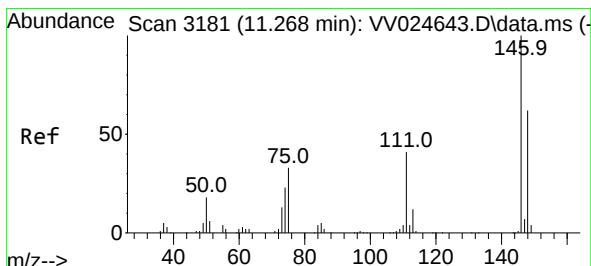
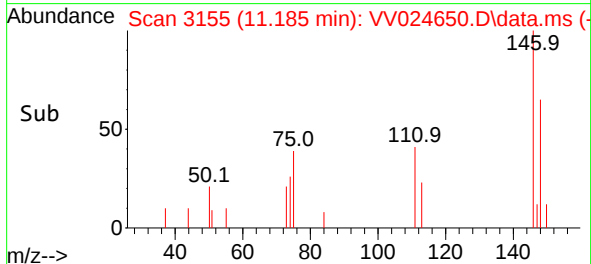
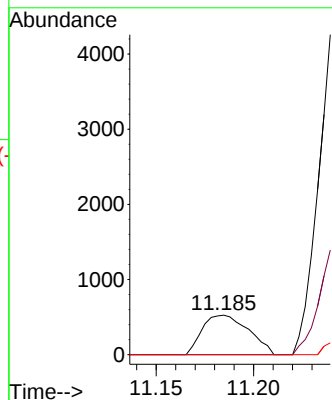
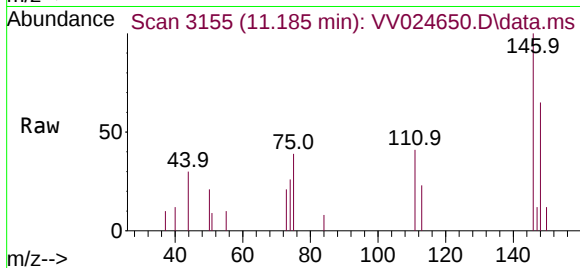
Tgt Ion: 75 Resp: 871

Ion Ratio Lower Upper

75 100

77 0.0 26.4 39.6#

110 0.0 34.2 51.2#



#65

1,4-Dichlorobenzene

Concen: 0.526 ug/L

RT: 11.271 min Scan# 3182

Delta R.T. 0.003 min

Lab File: VV024650.D

Acq: 14 Feb 2022 14:53

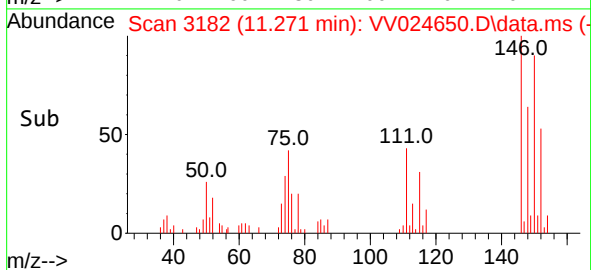
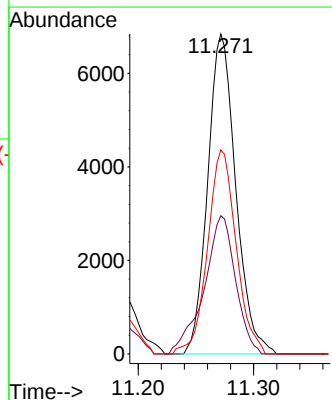
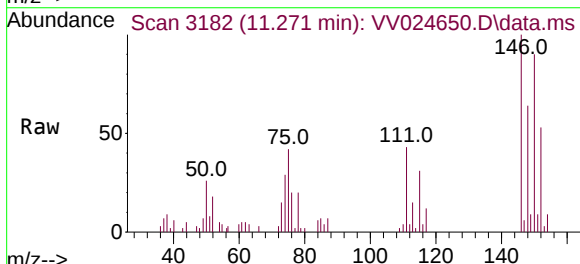
Tgt Ion: 146 Resp: 11552

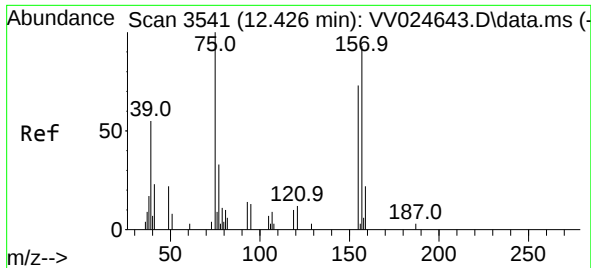
Ion Ratio Lower Upper

146 100

111 43.2 25.6 47.6

148 63.8 44.8 83.2





#68

1,2-Dibromo-3-chloropropane

Concen: 0.125 ug/L

RT: 12.239 min Scan# 34

Delta R.T. -0.187 min

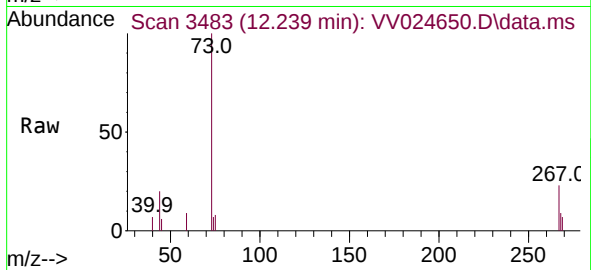
Lab File: VV024650.D

Acq: 14 Feb 2022 14:53

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 143

Ion Ratio Lower Upper

75 100

155 0.0 71.7 107.5#

157 0.0 103.3 154.9#

