

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021422\
 Data File : VW024651.D
 Acq On : 14 Feb 2022 15:16
 Operator : SY/MD
 Sample : N1480-14DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 15 06:28:25 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)

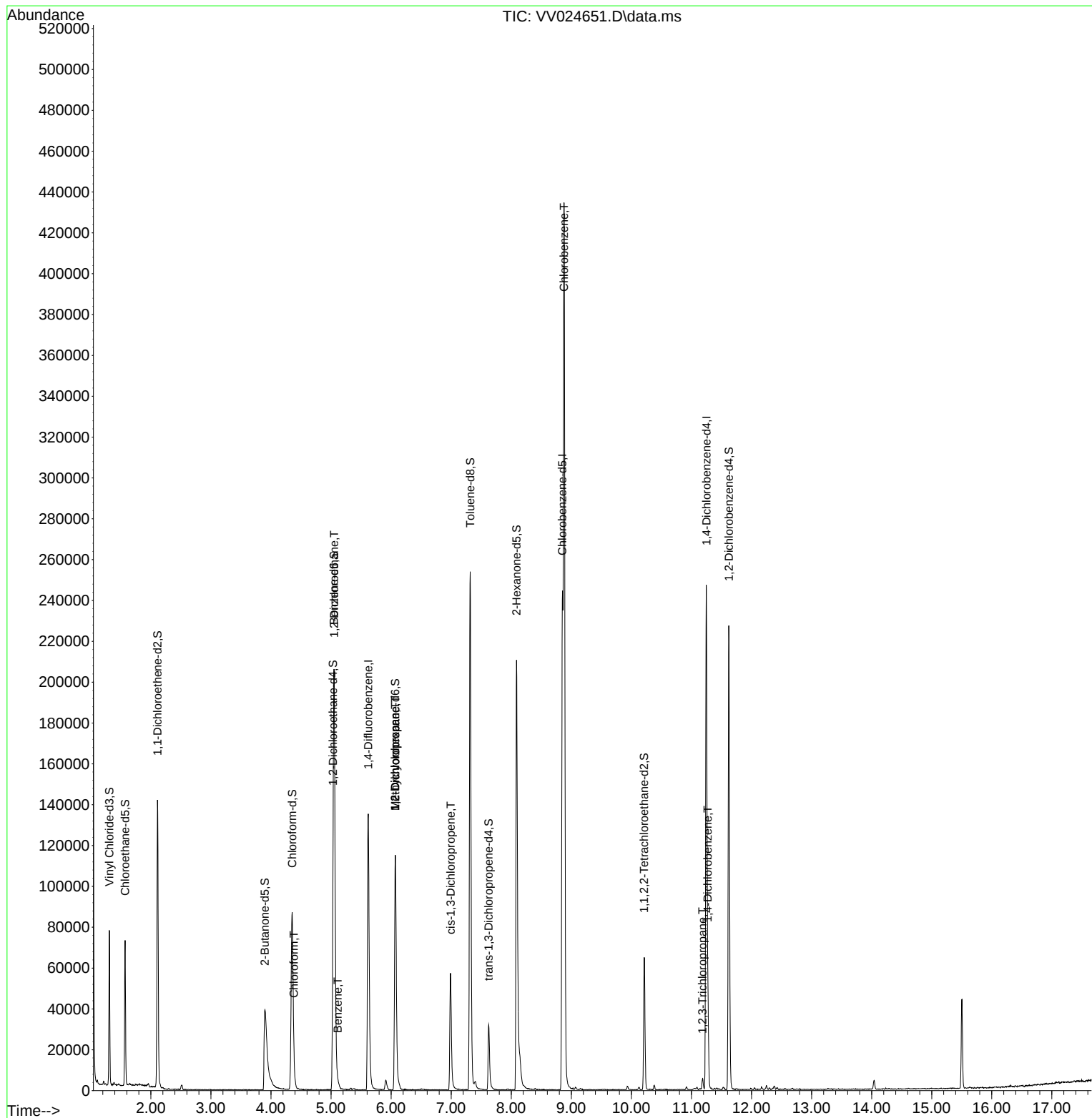
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	117967	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	119302	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	58835	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	47802	4.834	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	96.600%	
7) Chloroethane-d5	1.571	69	44747	5.353	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	107.000%	
11) 1,1-Dichloroethene-d2	2.111	63	75281	3.480	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	69.600%	
20) 2-Butanone-d5	3.899	46	92155	56.139	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	112.280%	
24) Chloroform-d	4.352	84	90133	5.179	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.600%	
26) 1,2-Dichloroethane-d4	5.034	65	43873	5.556	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	111.200%	
32) Benzene-d6	5.050	84	188882	5.580	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	111.600%	
36) 1,2-Dichloropropane-d6	6.069	67	57466	5.458	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	109.200%	
41) Toluene-d8	7.317	98	169413	5.366	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	107.400%	
43) trans-1,3-Dichloroprop...	7.625	79	19935	4.689	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	93.800%	
46) 2-Hexanone-d5	8.088	63	76067	50.783	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	101.560%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	31467	5.020	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	100.400%	
66) 1,2-Dichlorobenzene-d4	11.622	152	52743	5.561	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	111.200%	
Target Compounds						Qvalue
25) Chloroform	4.381	83	2483	0.114	ug/L	96
27) 1,2-Dichloroethane	5.053	62	968	0.081	ug/L #	73
33) Benzene	5.111	78	3045	0.065	ug/L	100
35) Methylcyclohexane	6.069	83	14642	0.690	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	6396	0.567	ug/L #	84
39) cis-1,3-Dichloropropene	6.992	75	1607	0.093	ug/L #	50
51) Chlorobenzene	8.879	112	225486	7.254	ug/L	94
61) 1,2,3-Trichloropropane	11.185	75	879	0.152	ug/L #	37
65) 1,4-Dichlorobenzene	11.271	146	15917	0.738	ug/L	96

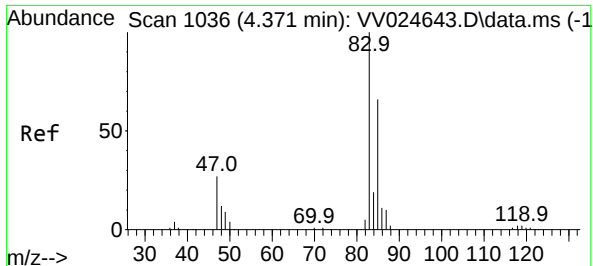
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Feb 15 06:26:19 2022
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#25

Chloroform

Concen: 0.114 ug/L

RT: 4.381 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV024651.D

Acq: 14 Feb 2022 15:16

Instrument :

MSVOA_V

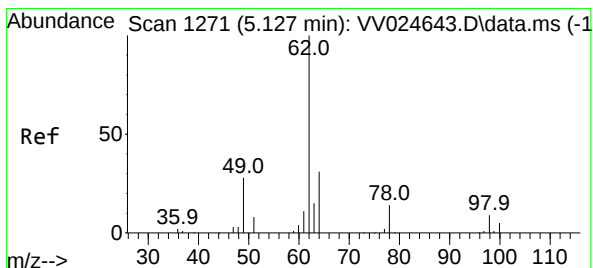
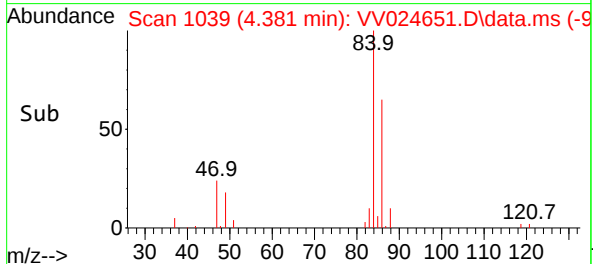
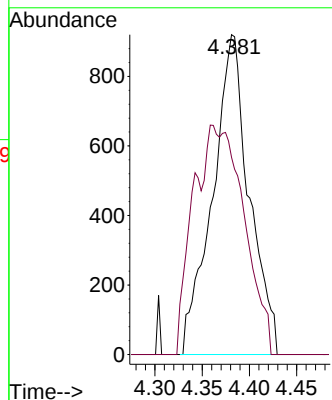
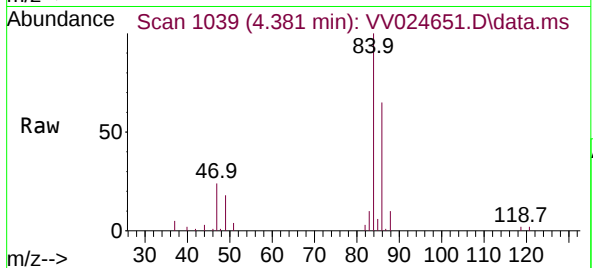
ClientSampleId :

Tgt Ion: 83 Resp: 2483

Ion Ratio Lower Upper

83 100

85 61.6 45.2 84.0



#27

1,2-Dichloroethane

Concen: 0.081 ug/L

RT: 5.053 min Scan# 1248

Delta R.T. -0.074 min

Lab File: VV024651.D

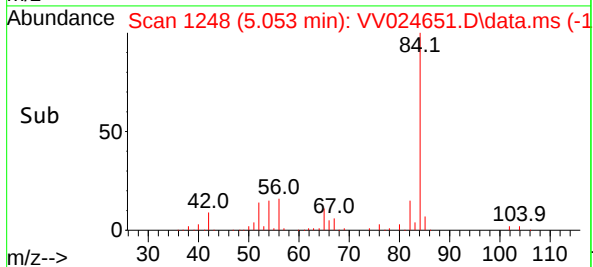
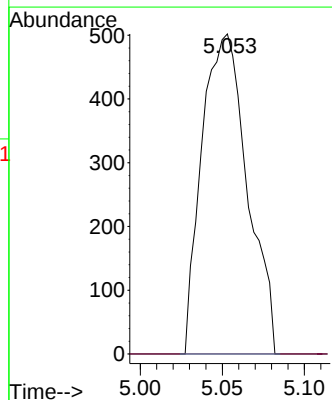
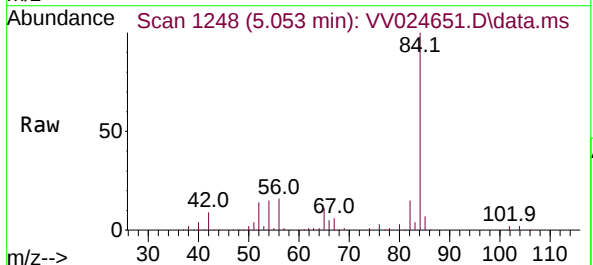
Acq: 14 Feb 2022 15:16

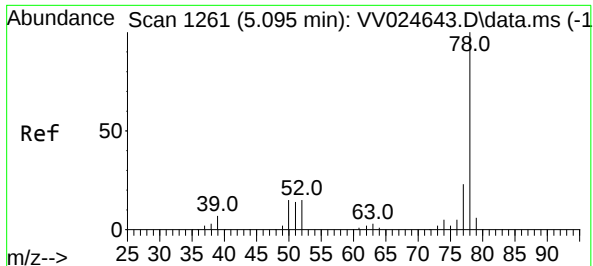
Tgt Ion: 62 Resp: 968

Ion Ratio Lower Upper

62 100

98 0.0 8.1 12.1#

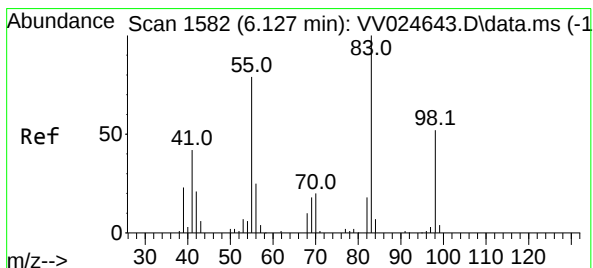
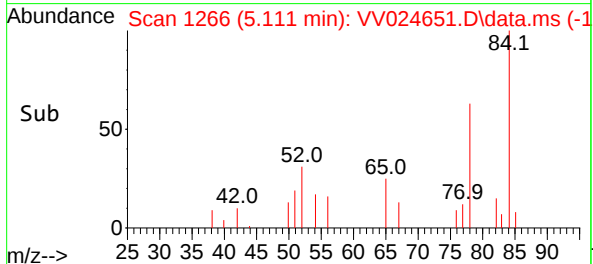
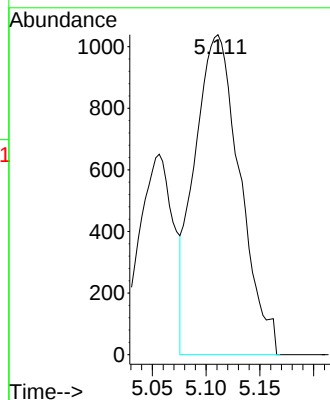
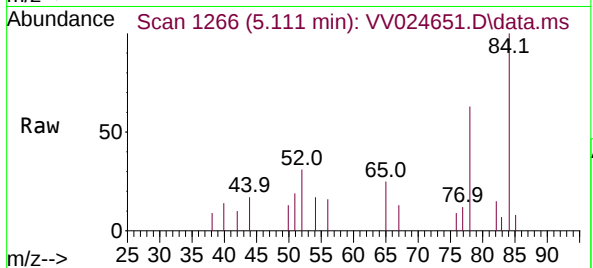




#33
Benzene
Concen: 0.065 ug/L
RT: 5.111 min Scan# 1564
Delta R.T. 0.016 min
Lab File: VV024651.D
Acq: 14 Feb 2022 15:16

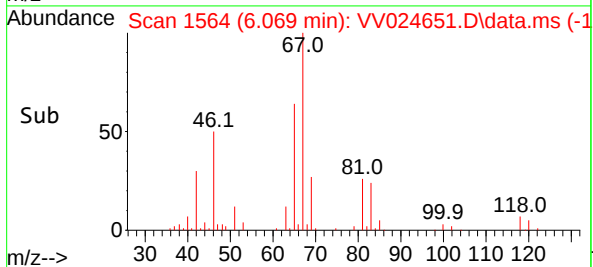
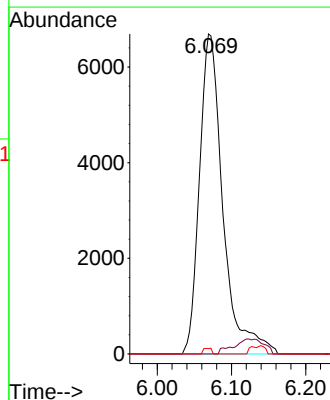
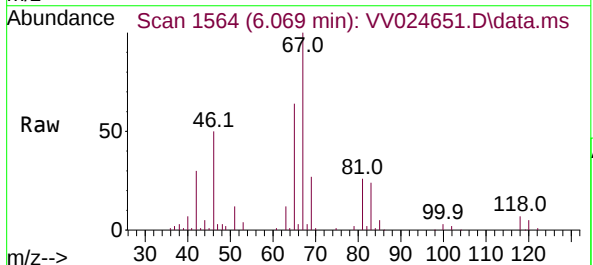
Instrument :
MSVOA_V
ClientSampleId :

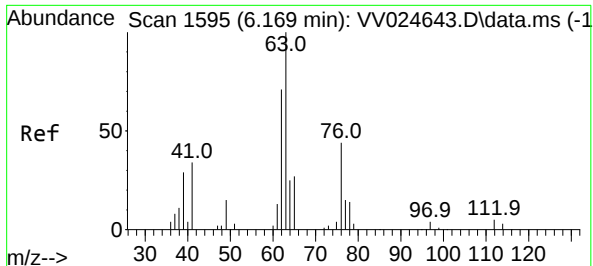
Tgt Ion: 78 Resp: 3045



#35
Methylcyclohexane
Concen: 0.690 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV024651.D
Acq: 14 Feb 2022 15:16

Tgt Ion: 83 Resp: 14642
Ion Ratio Lower Upper
83 100
55 0.0 60.2 90.2#
98 0.6 41.0 61.4#





#37

1,2-Dichloropropane

Concen: 0.567 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV024651.D

Acq: 14 Feb 2022 15:16

Instrument :

MSVOA_V

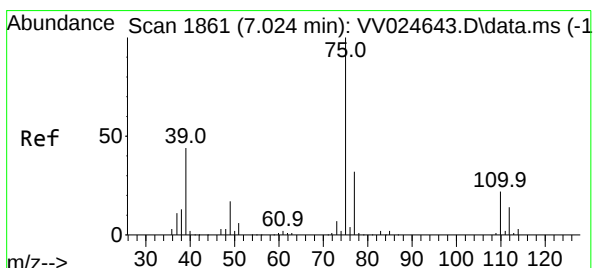
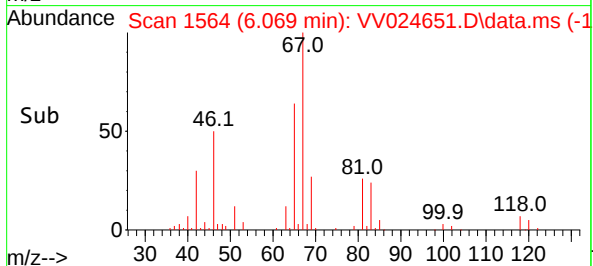
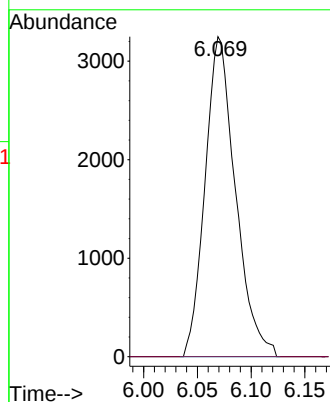
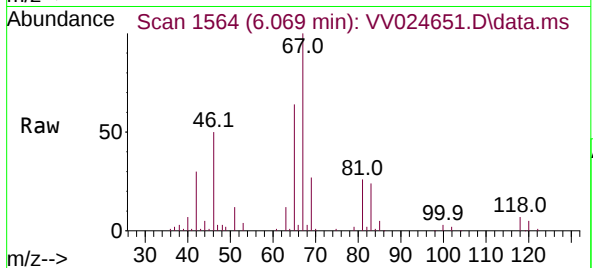
ClientSampleId :

Tgt Ion: 63 Resp: 6396

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#



#39

cis-1,3-Dichloropropene

Concen: 0.093 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.032 min

Lab File: VV024651.D

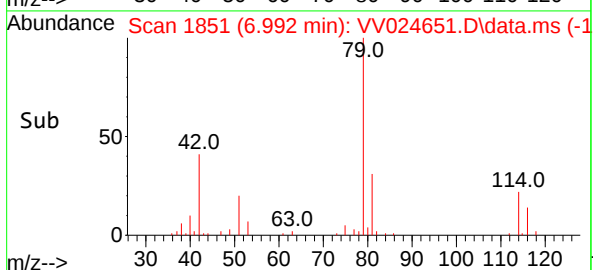
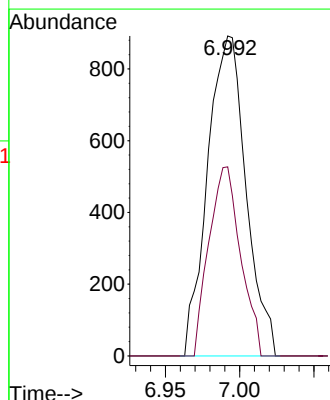
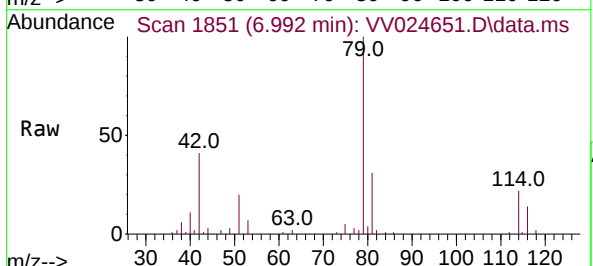
Acq: 14 Feb 2022 15:16

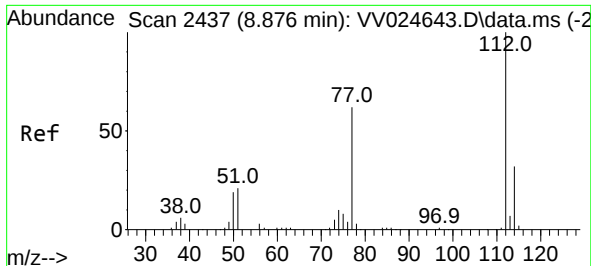
Tgt Ion: 75 Resp: 1607

Ion Ratio Lower Upper

75 100

77 59.1 22.0 41.0#





#51

Chlorobenzene

Concen: 7.254 ug/L

RT: 8.879 min Scan# 24

Delta R.T. 0.003 min

Lab File: VV024651.D

Acq: 14 Feb 2022 15:16

Instrument :

MSVOA_V

ClientSampleId :

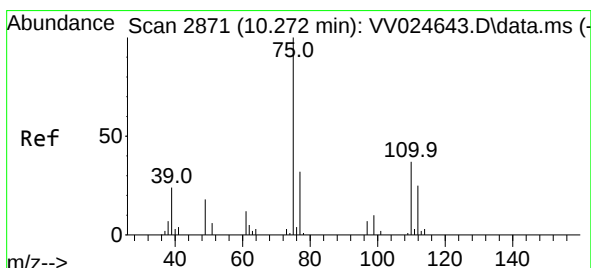
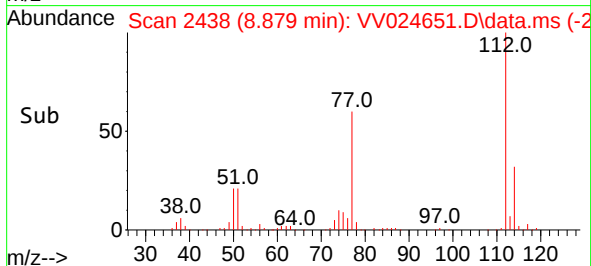
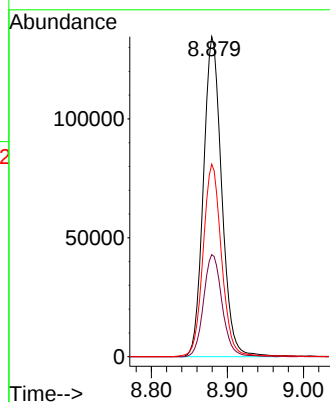
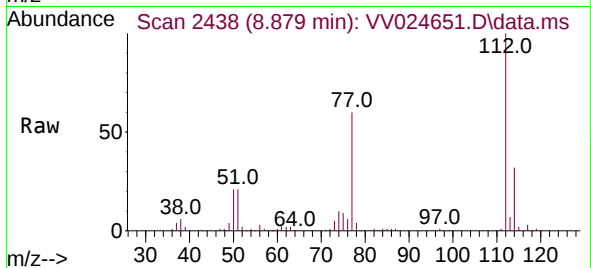
Tgt Ion:112 Resp: 225486

Ion Ratio Lower Upper

112 100

114 31.9 23.3 43.3

77 60.2 43.3 64.9



#61

1,2,3-Trichloropropane

Concen: 0.152 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.913 min

Lab File: VV024651.D

Acq: 14 Feb 2022 15:16

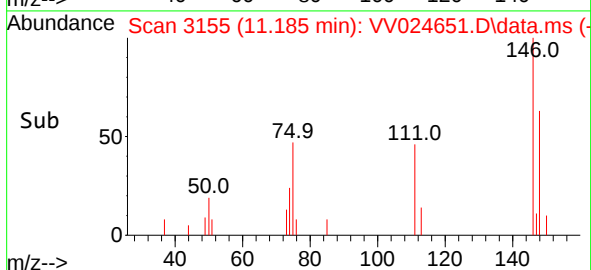
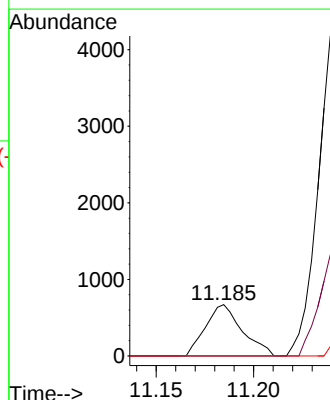
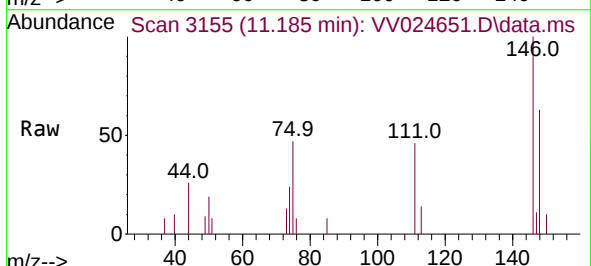
Tgt Ion: 75 Resp: 879

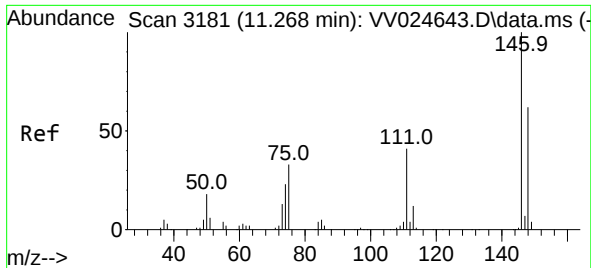
Ion Ratio Lower Upper

75 100

77 0.0 26.4 39.6#

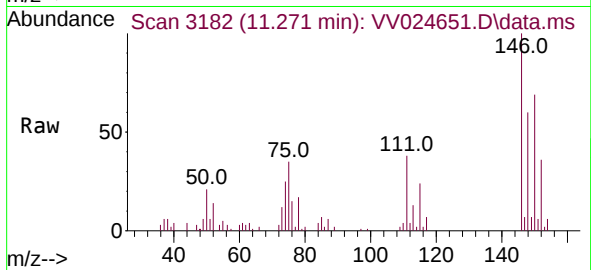
110 0.0 34.2 51.2#





#65
 1,4-Dichlorobenzene
 Concen: 0.738 ug/L
 RT: 11.271 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VV024651.D
 Acq: 14 Feb 2022 15:16

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:146 Resp: 15917
 Ion Ratio Lower Upper
 146 100
 111 38.1 25.6 47.6
 148 59.9 44.8 83.2

