

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111221\
 Data File : VW023439.D
 Acq On : 12 Nov 2021 13:06
 Operator : SY/MD
 Sample : M4580-18
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 13 00:12:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 12 04:43:24 2021
 Response via : Initial Calibration

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

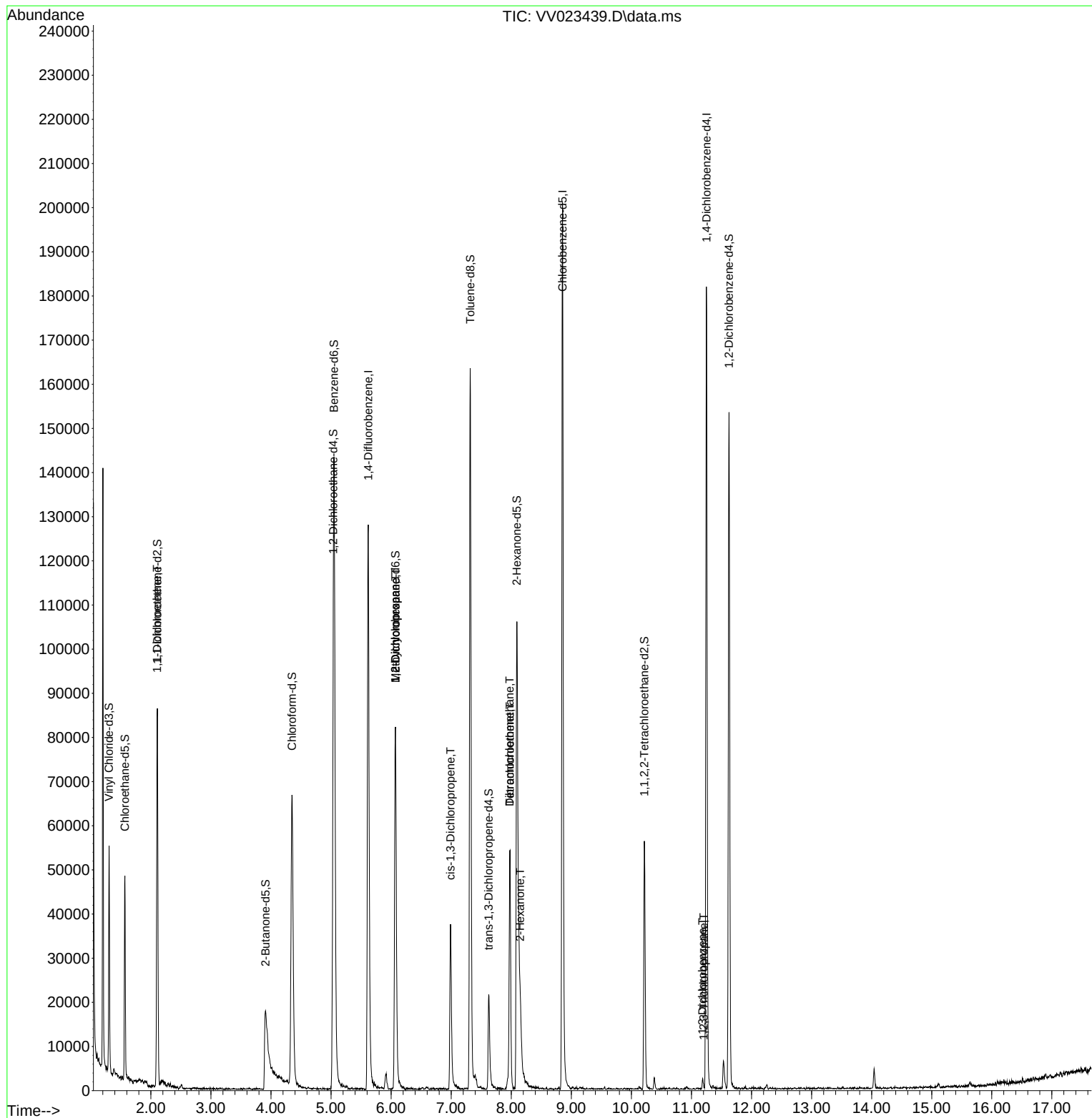
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	112174	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	114932	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	49337	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	30507	4.341	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	86.800%	
7) Chloroethane-d5	1.568	69	27512	4.804	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	96.000%	
11) 1,1-Dichloroethene-d2	2.108	63	44438	3.378	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	67.600%	
20) 2-Butanone-d5	3.908	46	46517	38.422	ug/L	-0.07
Spiked Amount	50.000	Range 40 - 130	Recovery	=	76.840%	
24) Chloroform-d	4.349	84	69903	4.668	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.400%	
26) 1,2-Dichloroethane-d4	5.037	65	32522	4.829	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.600%	
32) Benzene-d6	5.050	84	129943	4.406	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.200%	
36) 1,2-Dichloropropane-d6	6.072	67	39634	4.566	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	91.400%	
41) Toluene-d8	7.317	98	108361	3.921	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	78.400%	
43) trans-1,3-Dichloroprop...	7.625	79	13884	4.218	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	84.400%	
46) 2-Hexanone-d5	8.092	63	42645	35.212	ug/L	-0.02
Spiked Amount	50.000	Range 45 - 130	Recovery	=	70.420%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	27253	4.366	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	87.400%	
66) 1,2-Dichlorobenzene-d4	11.625	152	42440	5.166	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.400%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.105	96	449	0.067	ug/L #	1
35) Methylcyclohexane	6.072	83	9735	0.722	ug/L #	19
37) 1,2-Dichloropropane	6.072	63	4506	0.601	ug/L #	83
39) cis-1,3-Dichloropropene	6.989	75	939	0.087	ug/L #	26
47) Tetrachloroethene	7.979	164	12861	1.737	ug/L	96
48) 2-Hexanone	8.146	43	7187	2.949	ug/L #	84
49) Dibromochloromethane	7.976	129	10577	1.549	ug/L #	10
61) 1,2,3-Trichloropropane	11.204	75	308	0.094	ug/L #	38
64) 1,3-Dichlorobenzene	11.185	146	1186	0.082	ug/L #	88

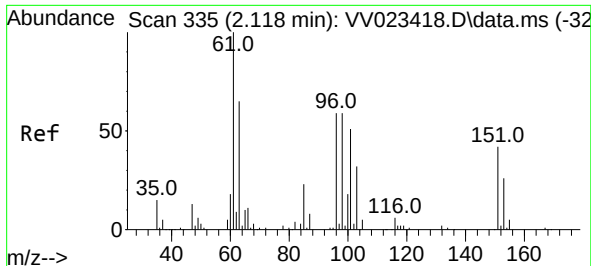
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 12 04:43:24 2021
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.067 ug/L

RT: 2.105 min Scan# 31

Delta R.T. -0.013 min

Lab File: VV023439.D

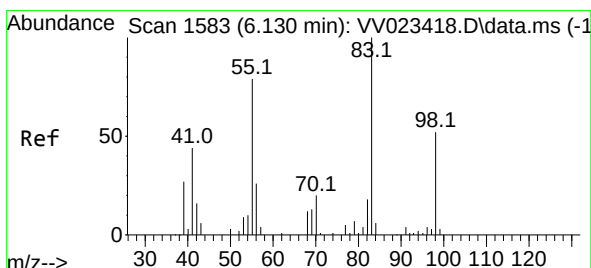
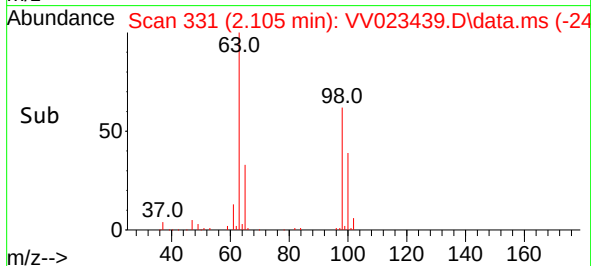
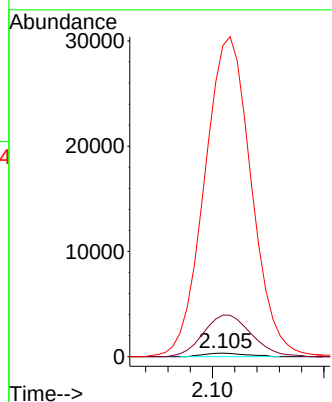
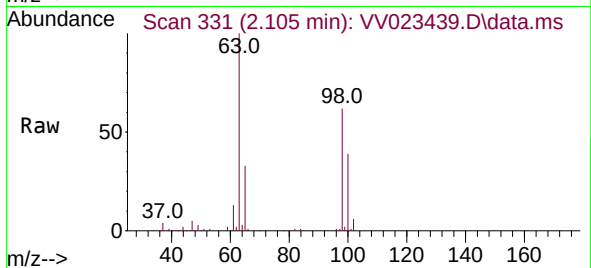
Acq: 12 Nov 2021 13:06

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	96	Resp:	449
Ion	Ratio	Lower	Upper
96	100		
61	1158.1	121.5	225.7#
63	8673.3	99.6	185.0#



#35

Methylcyclohexane

Concen: 0.722 ug/L

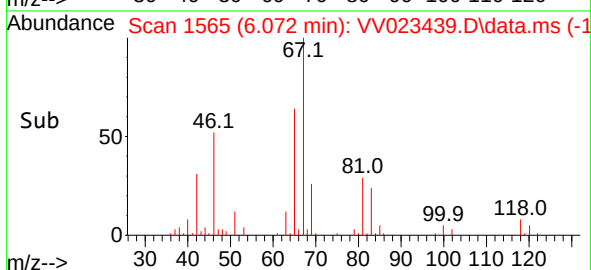
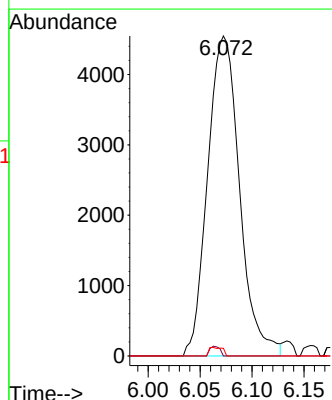
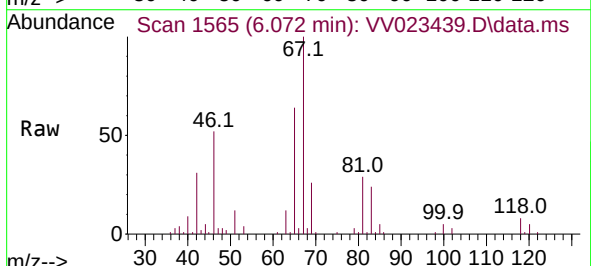
RT: 6.072 min Scan# 1565

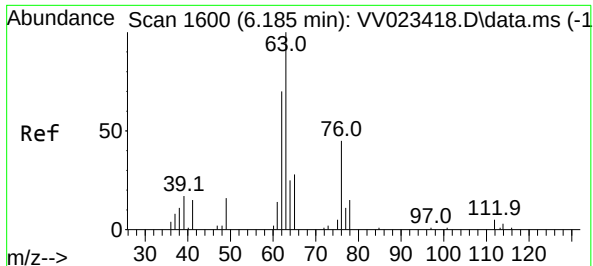
Delta R.T. -0.058 min

Lab File: VV023439.D

Acq: 12 Nov 2021 13:06

Tgt Ion:	83	Resp:	9735
Ion	Ratio	Lower	Upper
83	100		
55	0.9	62.8	94.2#
98	1.1	37.9	56.9#





#37

1,2-Dichloropropane

Concen: 0.601 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.113 min

Lab File: VV023439.D

Acq: 12 Nov 2021 13:06

Instrument :

MSVOA_V

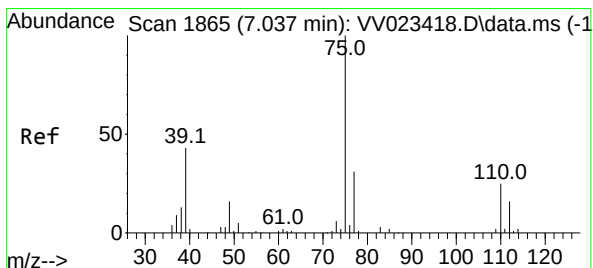
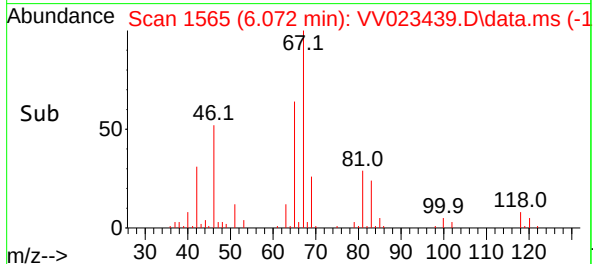
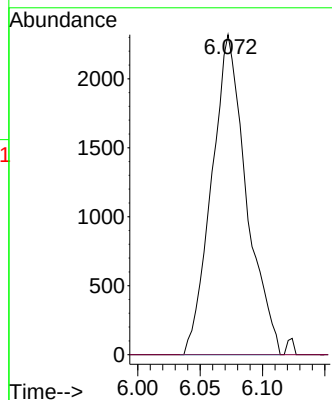
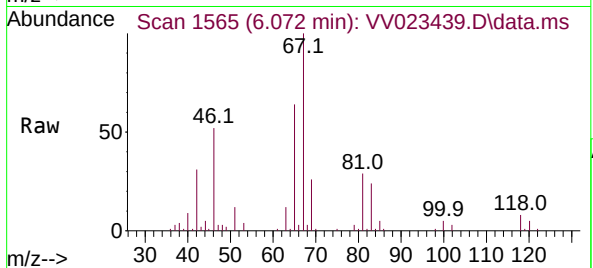
ClientSampleId :

Tgt Ion: 63 Resp: 4506

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#



#39

cis-1,3-Dichloropropene

Concen: 0.087 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.048 min

Lab File: VV023439.D

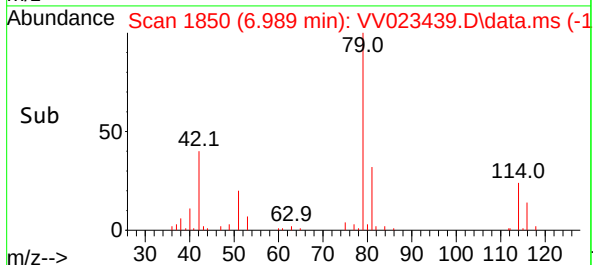
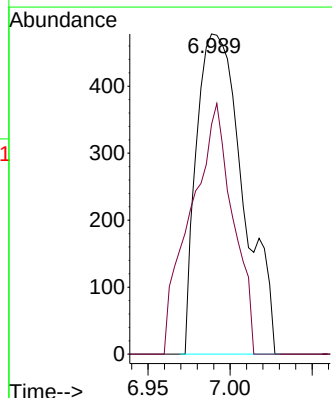
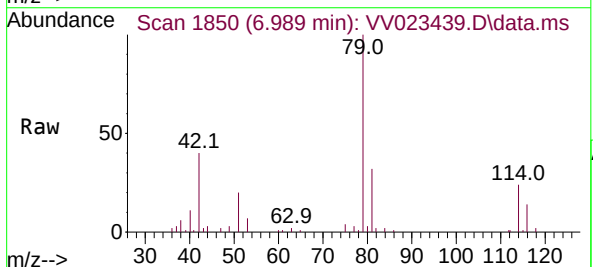
Acq: 12 Nov 2021 13:06

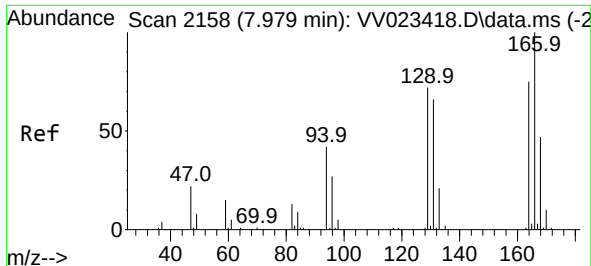
Tgt Ion: 75 Resp: 939

Ion Ratio Lower Upper

75 100

77 71.8 21.6 40.2#





#47

Tetrachloroethene

Concen: 1.737 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.000 min

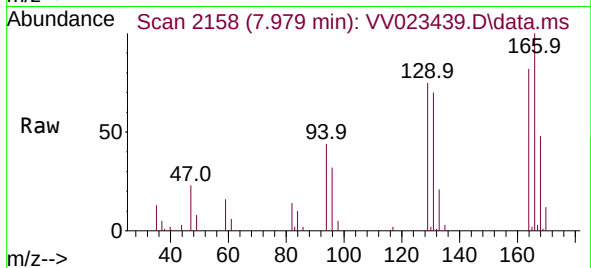
Lab File: VV023439.D

Acq: 12 Nov 2021 13:06

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 12861

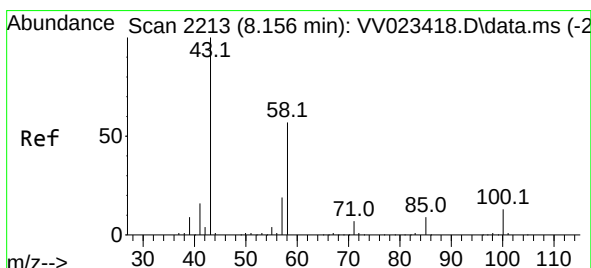
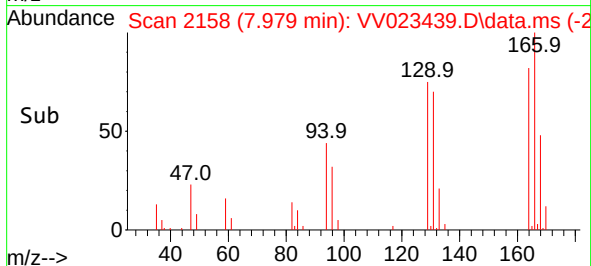
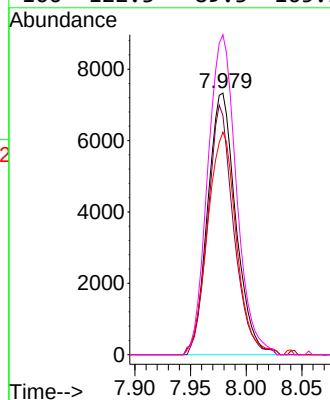
Ion Ratio Lower Upper

164 100

129 91.4 64.0 119.0

131 85.1 63.4 117.8

166 122.3 89.3 165.9



#48

2-Hexanone

Concen: 2.949 ug/L

RT: 8.146 min Scan# 2210

Delta R.T. -0.010 min

Lab File: VV023439.D

Acq: 12 Nov 2021 13:06

Tgt Ion: 43 Resp: 7187

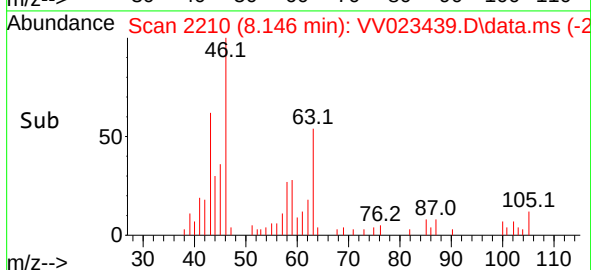
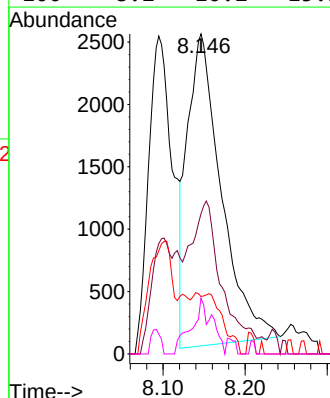
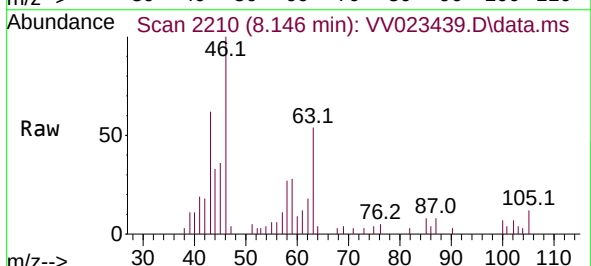
Ion Ratio Lower Upper

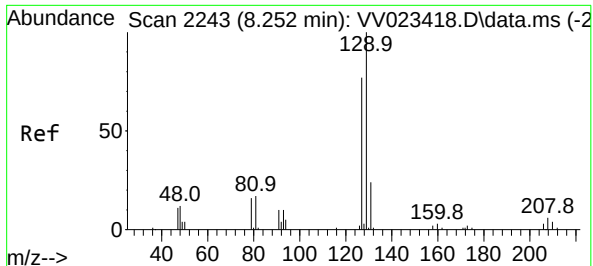
43 100

58 47.5 43.7 65.5

57 0.0 14.1 21.1#

100 8.2 10.2 15.2#





#49

Dibromochloromethane

Concen: 1.549 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.277 min

Lab File: VV023439.D

Acq: 12 Nov 2021 13:06

Instrument :

MSVOA_V

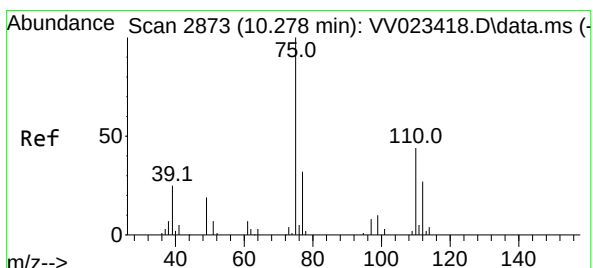
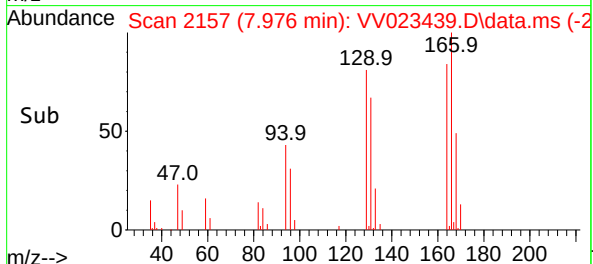
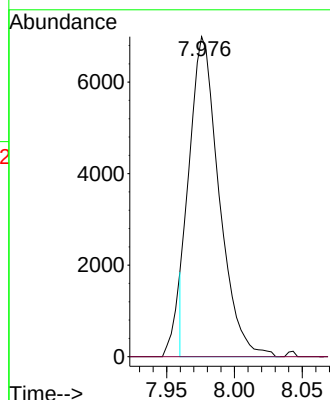
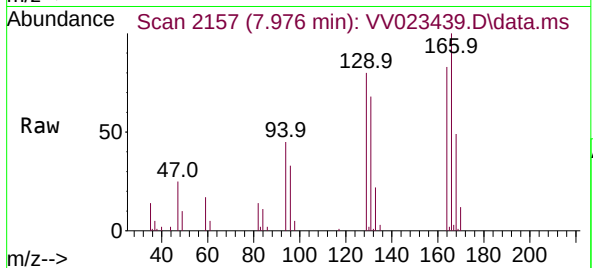
ClientSampleId :

Tgt Ion:129 Resp: 10577

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.7#



#61

1,2,3-Trichloropropane

Concen: 0.094 ug/L

RT: 11.204 min Scan# 3161

Delta R.T. 0.926 min

Lab File: VV023439.D

Acq: 12 Nov 2021 13:06

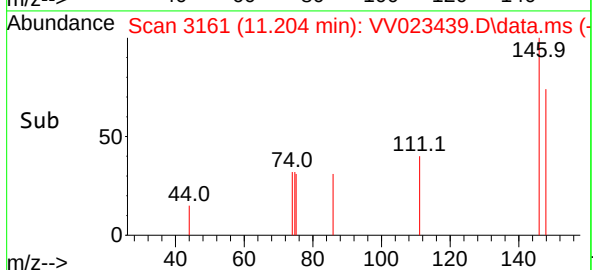
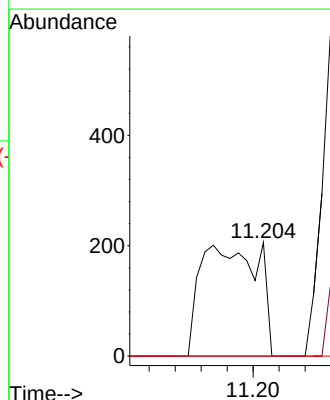
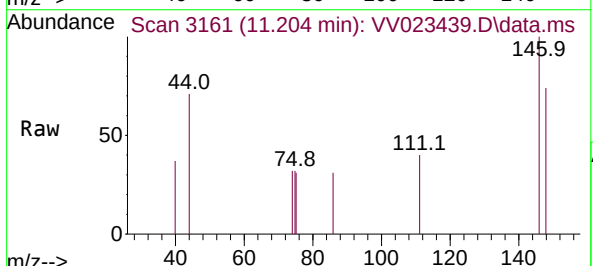
Tgt Ion: 75 Resp: 308

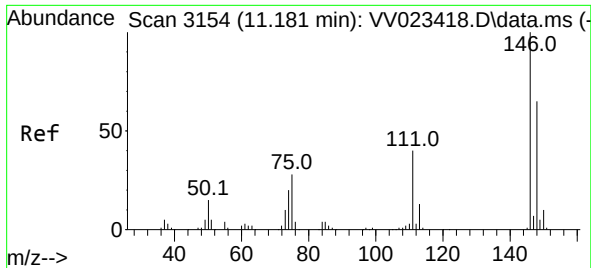
Ion Ratio Lower Upper

75 100

77 0.0 26.6 39.8#

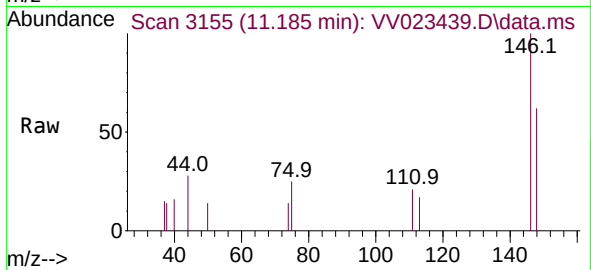
110 0.0 31.8 47.6#





#64
 1,3-Dichlorobenzene
 Concen: 0.082 ug/L
 RT: 11.185 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VV023439.D
 Acq: 12 Nov 2021 13:06

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:146 Resp: 1186
 Ion Ratio Lower Upper
 146 100
 111 20.8 26.7 49.7#
 148 62.2 42.9 79.7

