

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111221\
 Data File : VV023432.D
 Acq On : 12 Nov 2021 10:19
 Operator : SY/MD
 Sample : M4580-05DL 40X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 13 00:11:03 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)

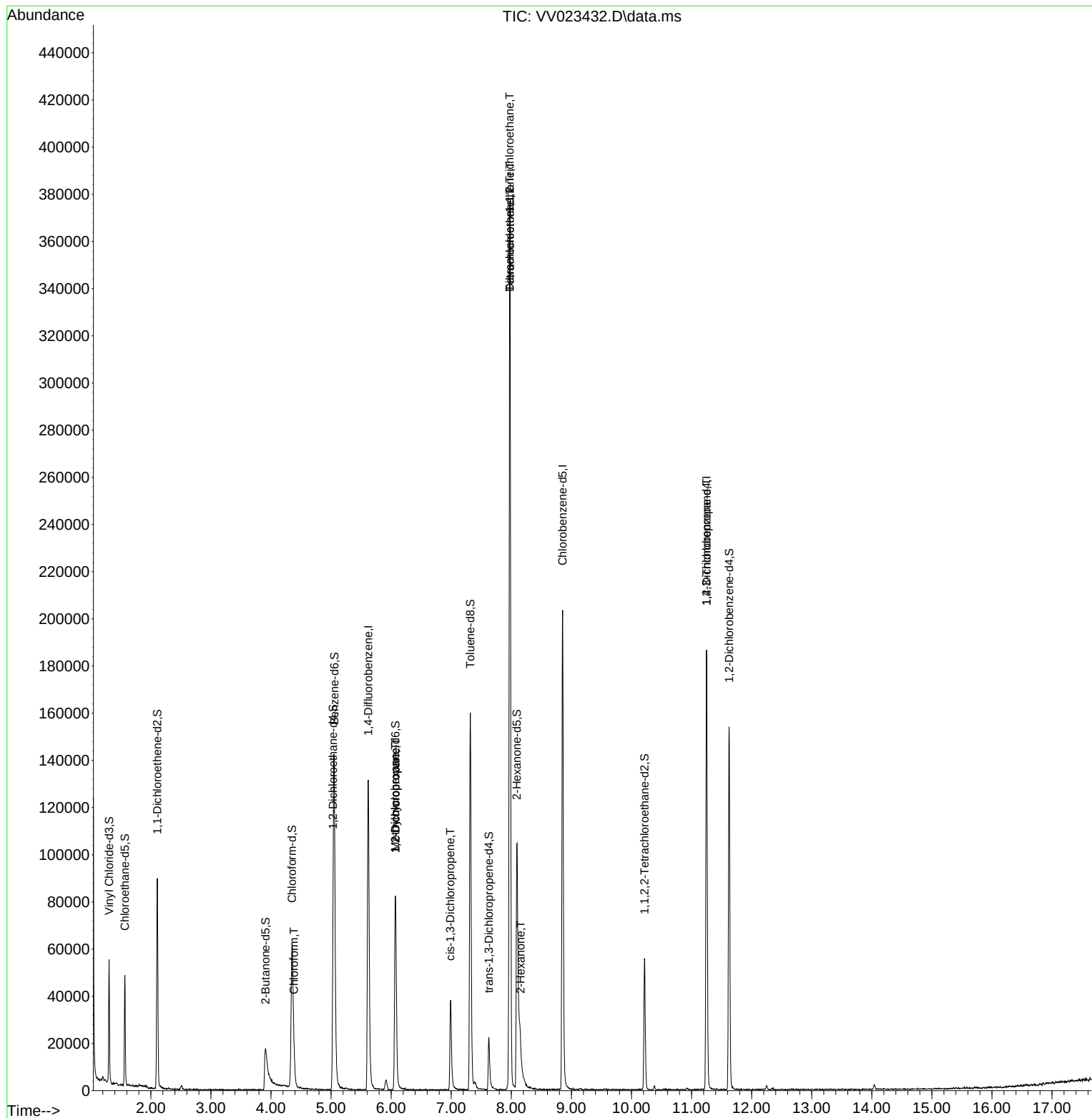
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	114591	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	115655	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	51337	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	30227	4.211	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.200%
7) Chloroethane-d5	1.568	69	27709	4.736	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.800%
11) 1,1-Dichloroethene-d2	2.108	63	45529	3.388	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.800%
20) 2-Butanone-d5	3.908	46	39840	32.213	ug/L	-0.07
Spiked Amount	50.000	Range	40 - 130	Recovery	=	64.420%
24) Chloroform-d	4.349	84	61483	4.019	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.400%
26) 1,2-Dichloroethane-d4	5.034	65	32647	4.745	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
32) Benzene-d6	5.053	84	128434	4.328	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
36) 1,2-Dichloropropane-d6	6.072	67	39440	4.515	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.200%
41) Toluene-d8	7.317	98	108141	3.889	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.800%
43) trans-1,3-Dichloroprop...	7.625	79	13144	3.968	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.400%
46) 2-Hexanone-d5	8.091	63	43680	35.842	ug/L	-0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.680%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	26138	4.161	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	40478	4.735	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.800%
Target Compounds						
					Qvalue	
25) Chloroform	4.381	83	9910	0.656	ug/L	89
35) Methylcyclohexane	6.069	83	10221	0.753	ug/L #	20
37) 1,2-Dichloropropane	6.072	63	4780	0.633	ug/L #	83
39) cis-1,3-Dichloropropene	6.985	75	948	0.087	ug/L	85
45) 1,1,2-Trichloroethane	7.973	97	933	0.172	ug/L #	39
47) Tetrachloroethene	7.976	164	83773	11.245	ug/L	99
48) 2-Hexanone	8.153	43	6250	2.548	ug/L #	91
49) Dibromochloromethane	7.976	129	68806	10.015	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	5494	1.611	ug/L #	64

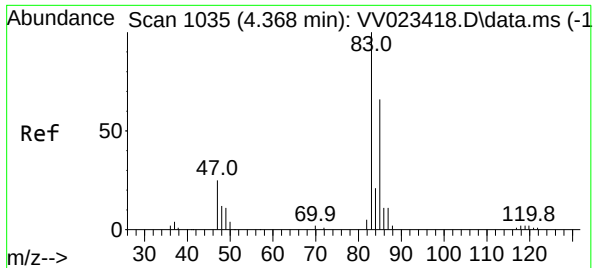
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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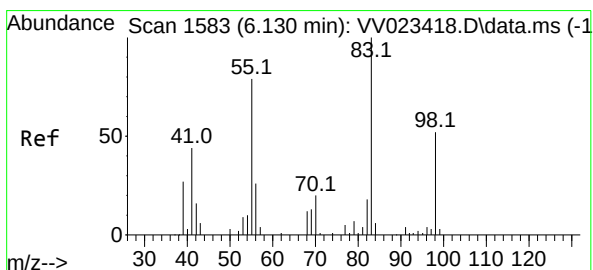
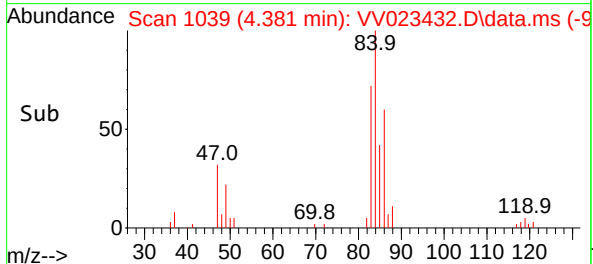
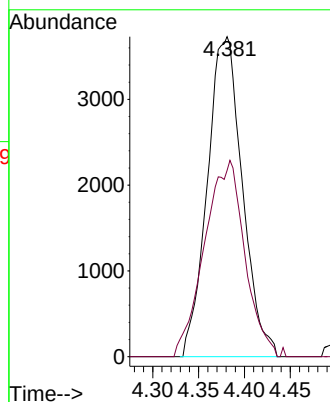
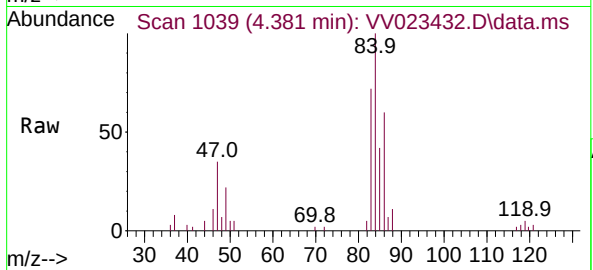




#25
Chloroform
Concen: 0.656 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.013 min
Lab File: VV023432.D
Acq: 12 Nov 2021 10:19

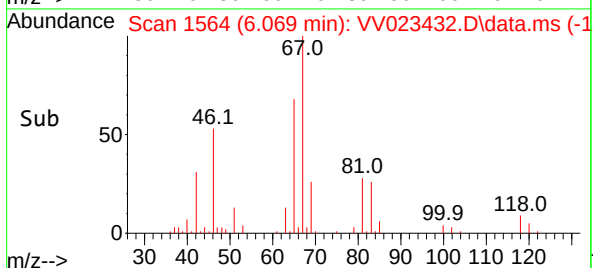
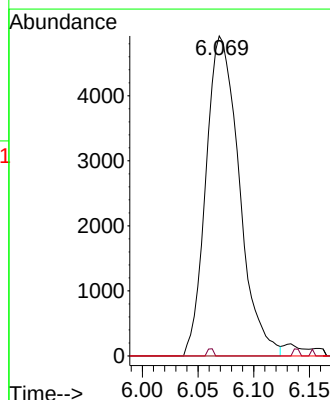
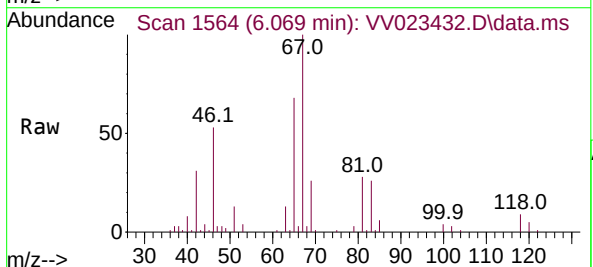
Instrument :
MSVOA_V
ClientSampleId :

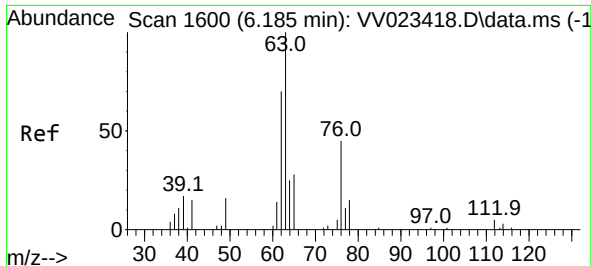
Tgt Ion: 83 Resp: 9910
Ion Ratio Lower Upper
83 100
85 58.2 46.8 86.8



#35
Methylcyclohexane
Concen: 0.753 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.061 min
Lab File: VV023432.D
Acq: 12 Nov 2021 10:19

Tgt Ion: 83 Resp: 10221
Ion Ratio Lower Upper
83 100
55 0.4 62.8 94.2#
98 3.8 37.9 56.9#





#37

1,2-Dichloropropane

Concen: 0.633 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.113 min

Lab File: VV023432.D

Acq: 12 Nov 2021 10:19

Instrument :

MSVOA_V

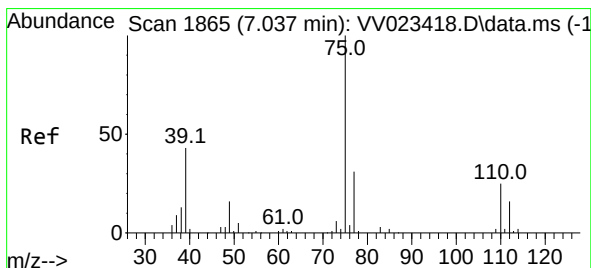
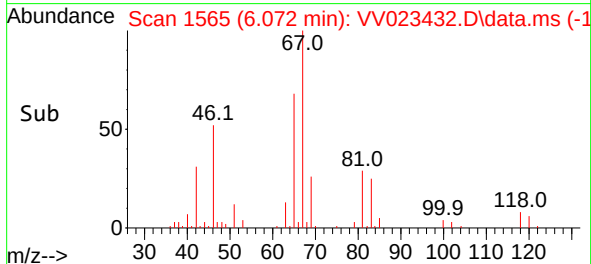
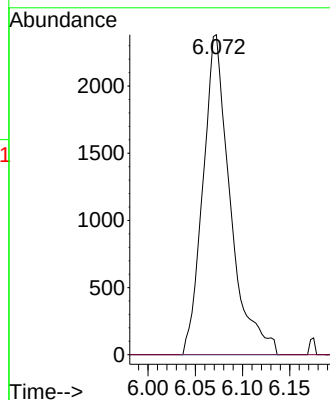
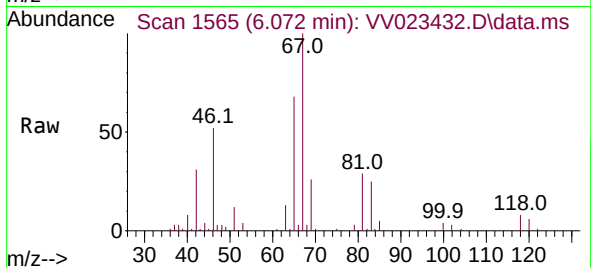
ClientSampleId :

Tgt Ion: 63 Resp: 4780

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#



#39

cis-1,3-Dichloropropene

Concen: 0.087 ug/L

RT: 6.985 min Scan# 1849

Delta R.T. -0.052 min

Lab File: VV023432.D

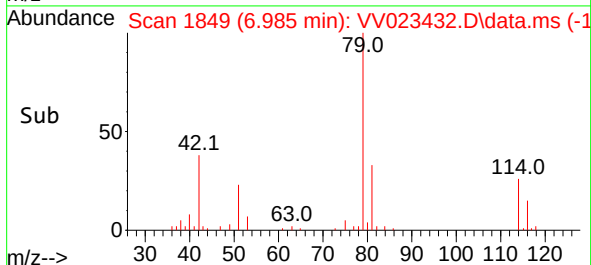
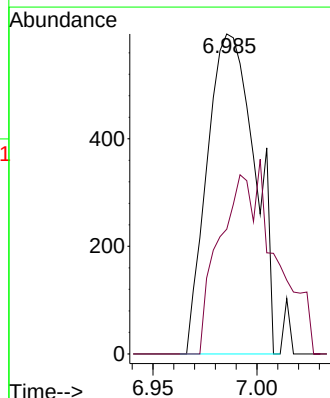
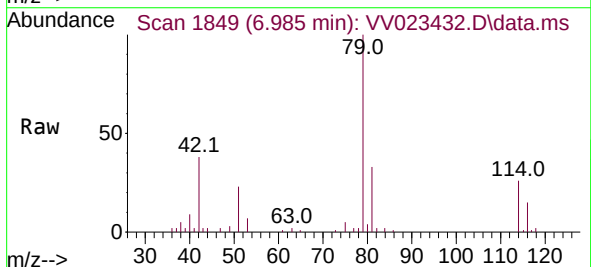
Acq: 12 Nov 2021 10:19

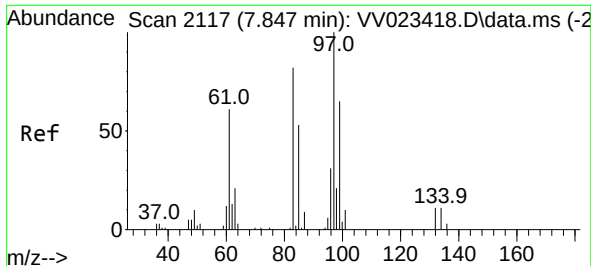
Tgt Ion: 75 Resp: 948

Ion Ratio Lower Upper

75 100

77 39.0 21.6 40.2





#45

1,1,2-Trichloroethane

Concen: 0.172 ug/L

RT: 7.973 min Scan# 2117

Delta R.T. 0.125 min

Lab File: VV023432.D

Acq: 12 Nov 2021 10:19

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 933

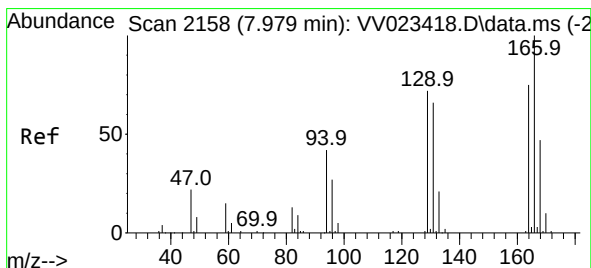
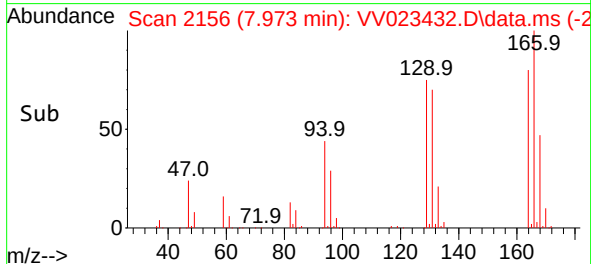
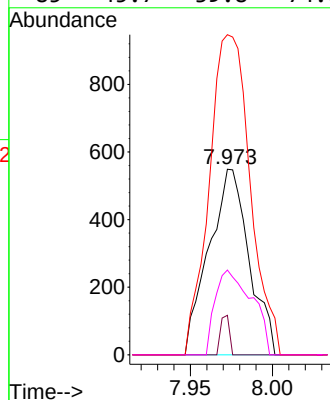
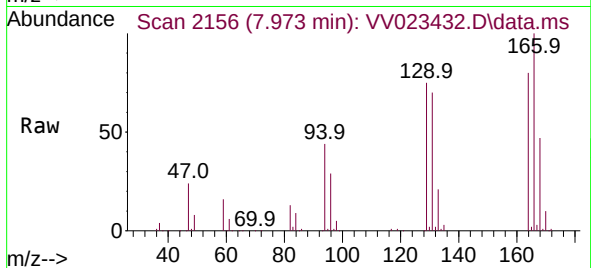
Ion Ratio Lower Upper

97 100

99 21.3 43.6 81.0#

83 172.5 58.4 108.4#

85 45.7 39.8 74.0



#47

Tetrachloroethene

Concen: 11.245 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.003 min

Lab File: VV023432.D

Acq: 12 Nov 2021 10:19

Tgt Ion: 164 Resp: 83773

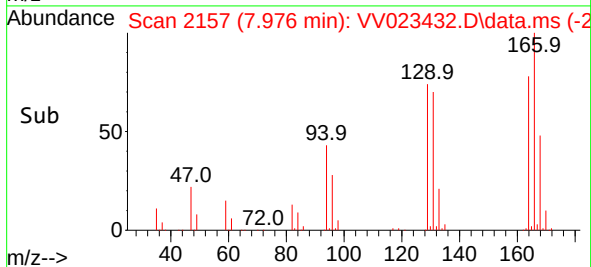
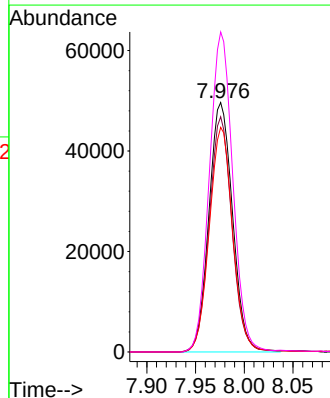
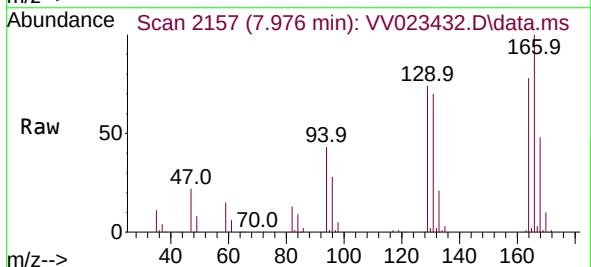
Ion Ratio Lower Upper

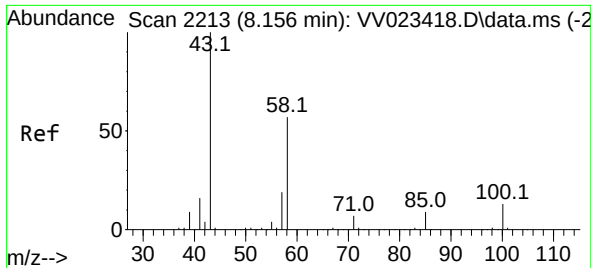
164 100

129 94.3 64.0 119.0

131 90.0 63.4 117.8

166 128.3 89.3 165.9

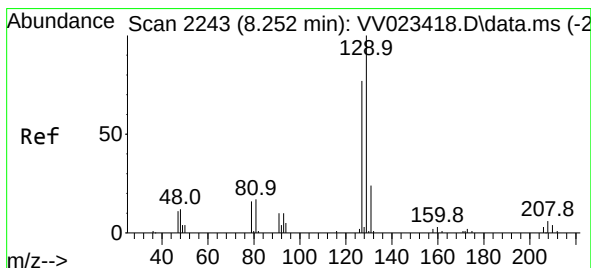
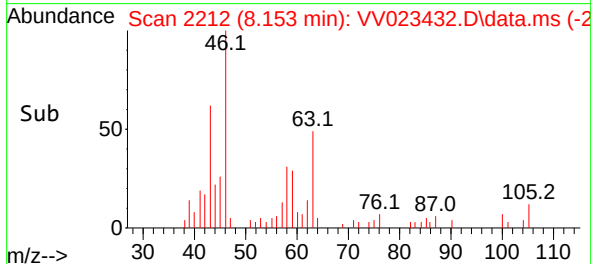
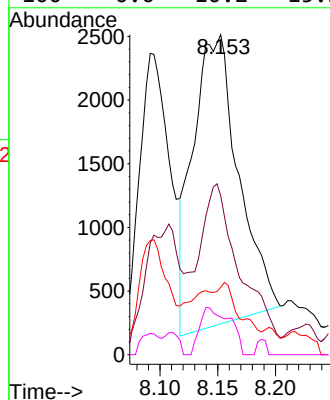
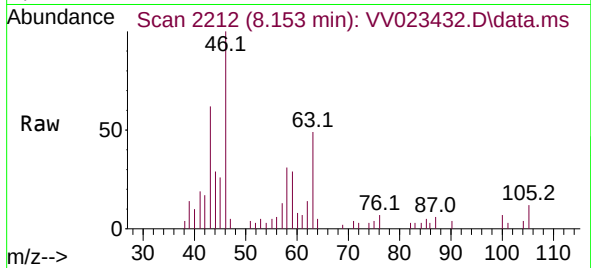




#48
2-Hexanone
Concen: 2.548 ug/L
RT: 8.153 min Scan# 2157
Delta R.T. -0.003 min
Lab File: VV023432.D
Acq: 12 Nov 2021 10:19

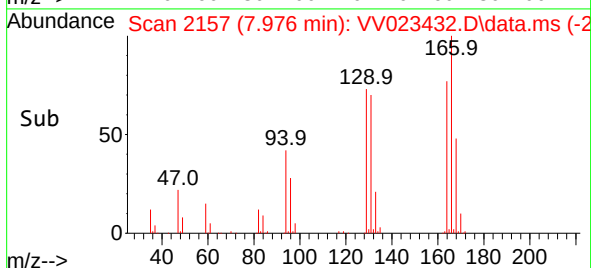
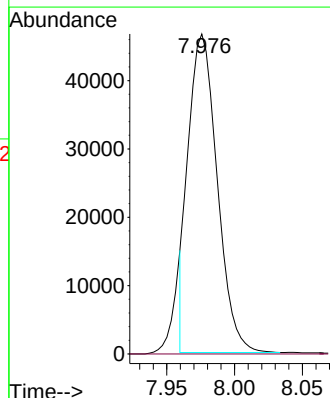
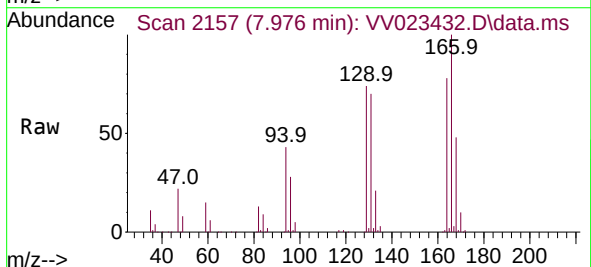
Instrument :
MSVOA_V
ClientSampleId :

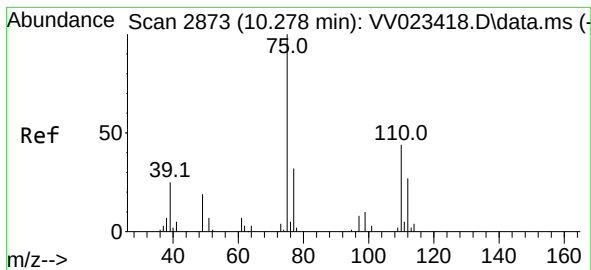
Tgt Ion: 43	Resp: 6250
Ion Ratio	Lower Upper
43 100	
58 52.6	43.7 65.5
57 12.8	14.1 21.1#
100 0.0	10.2 15.2#



#49
Dibromochloromethane
Concen: 10.015 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.277 min
Lab File: VV023432.D
Acq: 12 Nov 2021 10:19

Tgt Ion: 129	Resp: 68806
Ion Ratio	Lower Upper
129 100	
127 0.0	54.7 101.7#





#61

1,2,3-Trichloropropane

Concen: 1.611 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.971 min

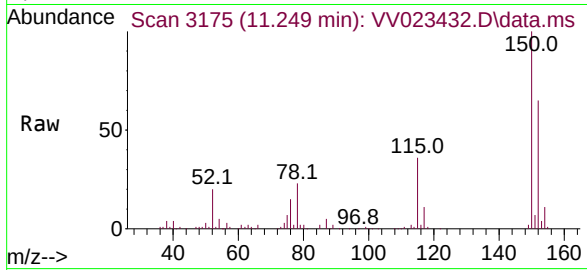
Lab File: VV023432.D

Acq: 12 Nov 2021 10:19

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 5494

Ion Ratio Lower Upper

75 100

77 37.0 26.6 39.8

110 2.3 31.8 47.6#

