

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121421\
 Data File : VW023970.D
 Acq On : 14 Dec 2021 16:06
 Operator : SY/MD
 Sample : M5005-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK245

Quant Time: Dec 15 01:39:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Dec 11 04:33:17 2021
 Response via : Initial Calibration

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

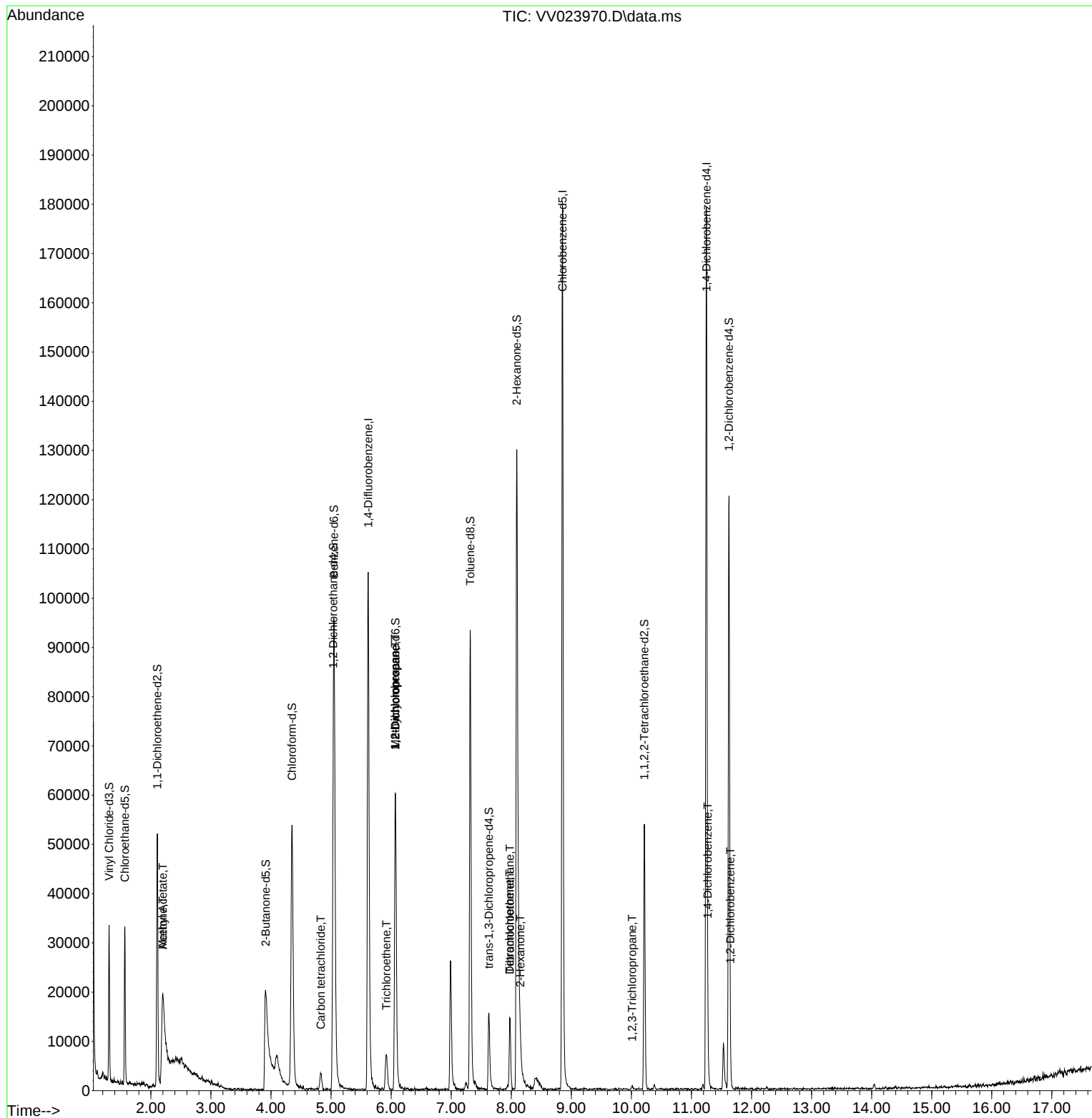
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	96347	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	101284	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	48927	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	19103	3.688	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.800%
7) Chloroethane-d5	1.568	69	18805	4.352	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.000%
11) 1,1-Dichloroethene-d2	2.108	63	25529	2.525	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	50.600%#
20) 2-Butanone-d5	3.912	46	43405	42.894	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.780%
24) Chloroform-d	4.349	84	54803	4.671	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
26) 1,2-Dichloroethane-d4	5.037	65	27683	5.068	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.400%
32) Benzene-d6	5.050	84	83648	4.170	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
36) 1,2-Dichloropropane-d6	6.072	67	28506	4.710	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.200%
41) Toluene-d8	7.317	98	62189	3.443	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.800%#
43) trans-1,3-Dichloroprop...	7.628	79	10158	4.046	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.000%
46) 2-Hexanone-d5	8.091	63	52635	46.828	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.660%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	23127	4.606	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	32282	4.939	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.800%
Target Compounds						Qvalue
13) Acetone	2.198	43	55578	68.651	ug/L	92
15) Methyl Acetate	2.198	43	55584	28.326	ug/L #	50
31) Carbon tetrachloride	4.831	117	2415	0.194	ug/L	93
34) Trichloroethene	5.921	95	2140	0.265	ug/L	92
35) Methylcyclohexane	6.069	83	7925	0.666	ug/L #	23
37) 1,2-Dichloropropane	6.069	63	3413	0.501	ug/L #	84
47) Tetrachloroethene	7.976	164	3291	0.463	ug/L	93
48) 2-Hexanone	8.153	43	4211	1.775	ug/L #	45
49) Dibromochloromethane	7.979	129	2975	0.434	ug/L #	11
61) 1,2,3-Trichloropropane	10.011	75	499	0.150	ug/L #	37
65) 1,4-Dichlorobenzene	11.271	146	1791	0.121	ug/L	92
67) 1,2-Dichlorobenzene	11.648	146	1535	0.114	ug/L	91

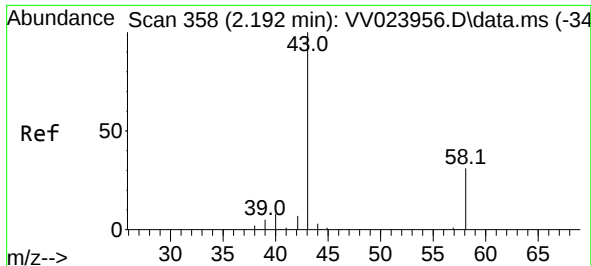
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 68.651 ug/L

RT: 2.198 min Scan# 3

Delta R.T. 0.006 min

Lab File: VV023970.D

Acq: 14 Dec 2021 16:06

Instrument :

MSVOA_V

ClientSampleId :

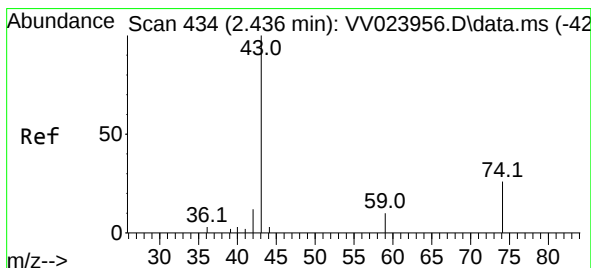
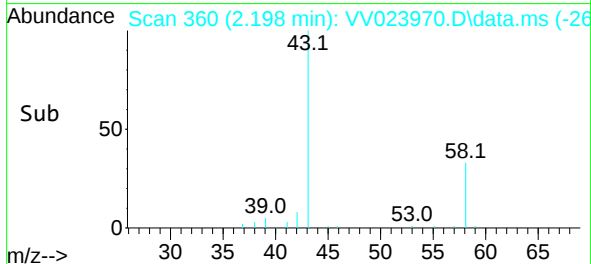
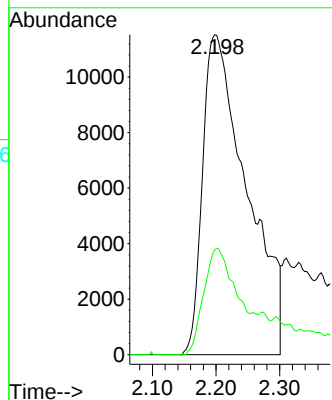
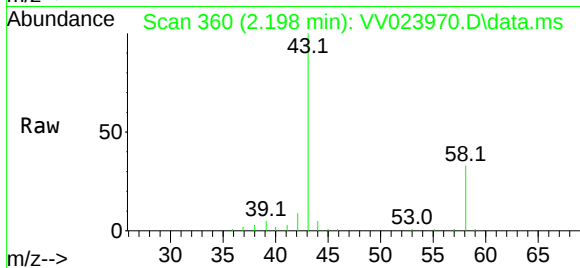
VIBLK245

Tgt Ion: 43 Resp: 55578

Ion Ratio Lower Upper

43 100

58 24.4 0.0 41.4



#15

Methyl Acetate

Concen: 28.326 ug/L

RT: 2.198 min Scan# 360

Delta R.T. -0.238 min

Lab File: VV023970.D

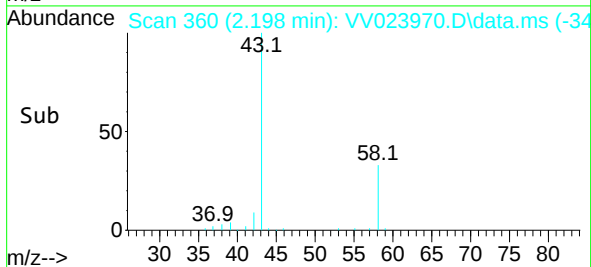
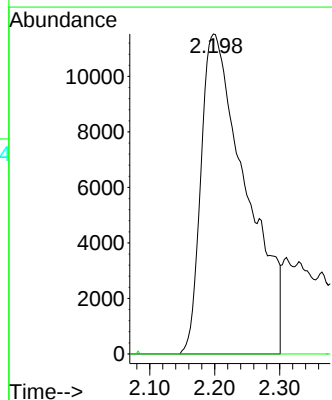
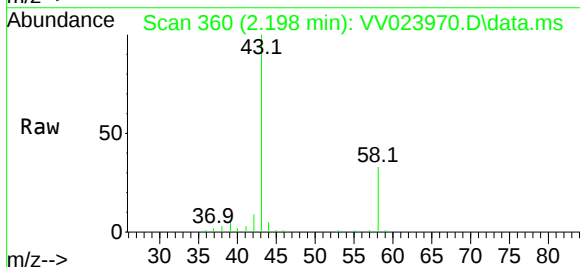
Acq: 14 Dec 2021 16:06

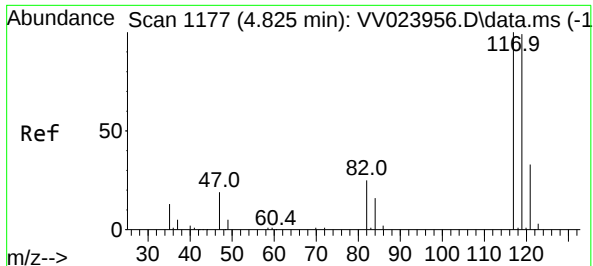
Tgt Ion: 43 Resp: 55584

Ion Ratio Lower Upper

43 100

74 0.0 20.2 30.2#

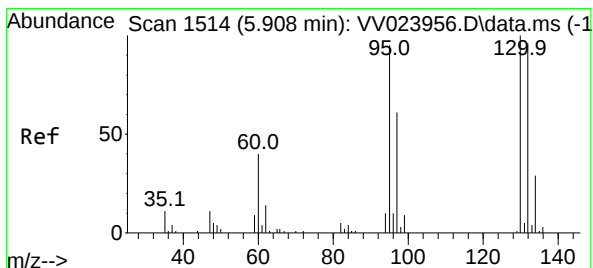
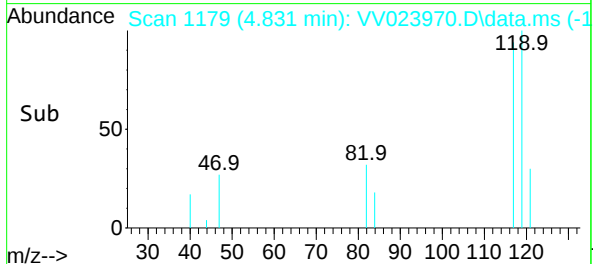
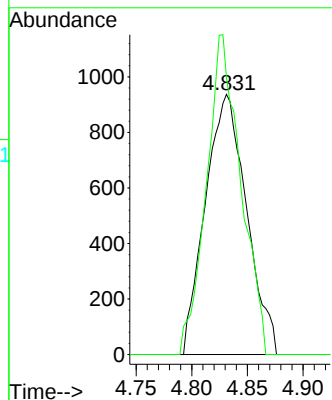
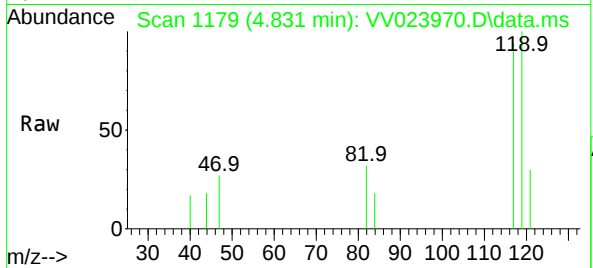




#31
Carbon tetrachloride
Concen: 0.194 ug/L
RT: 4.831 min Scan# 1177
Delta R.T. 0.006 min
Lab File: VV023970.D
Acq: 14 Dec 2021 16:06

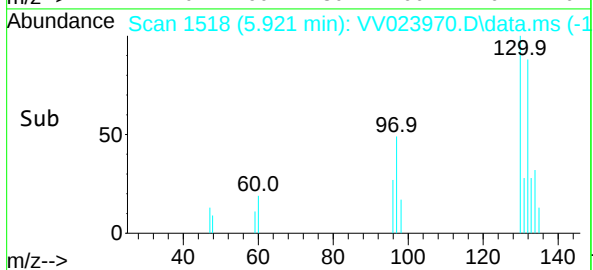
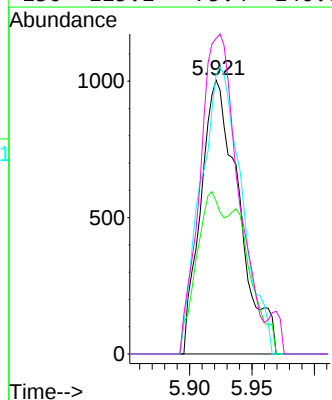
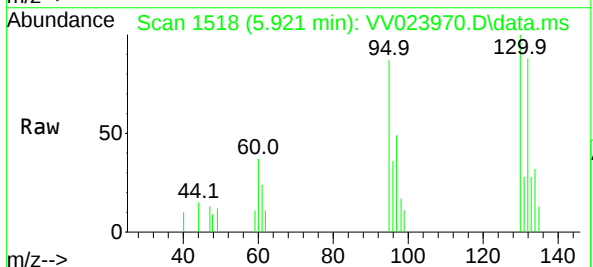
Instrument :
MSVOA_V
ClientSampleId :
VIBLK245

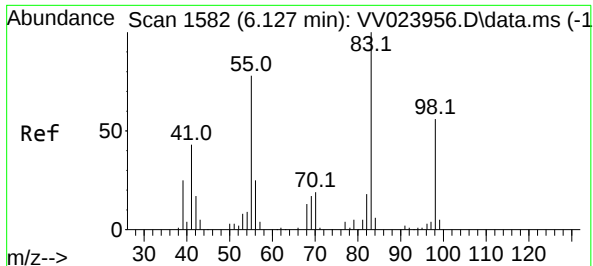
Tgt Ion:117 Resp: 2415
Ion Ratio Lower Upper
117 100
119 102.6 76.6 114.8



#34
Trichloroethene
Concen: 0.265 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.010 min
Lab File: VV023970.D
Acq: 14 Dec 2021 16:06

Tgt Ion: 95 Resp: 2140
Ion Ratio Lower Upper
95 100
97 55.9 45.2 84.0
132 101.9 76.1 141.3
130 115.1 75.4 140.0





#35

Methylcyclohexane

Concen: 0.666 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.061 min

Lab File: VV023970.D

Acq: 14 Dec 2021 16:06

Instrument :

MSVOA_V

ClientSampleId :

VIBLK245

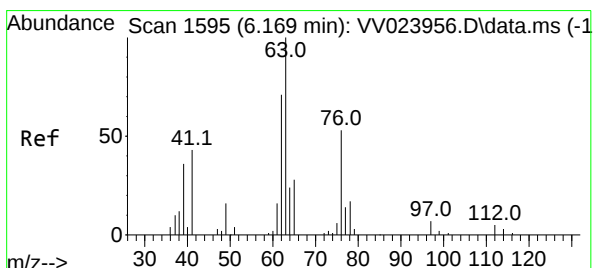
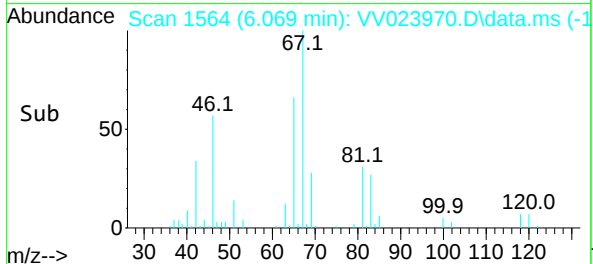
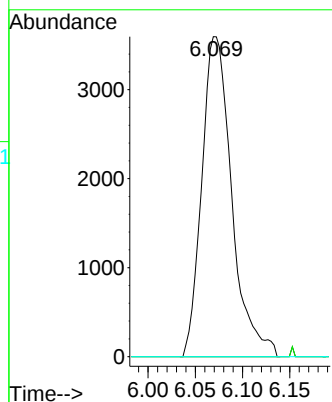
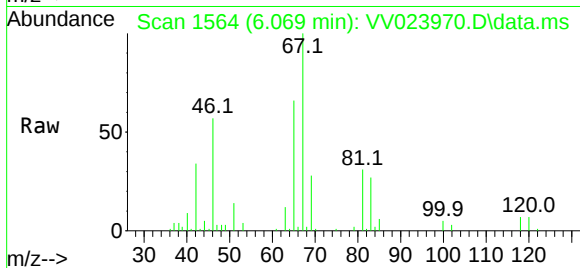
Tgt Ion: 83 Resp: 7925

Ion Ratio Lower Upper

83 100

55 0.3 60.2 90.2#

98 8.7 41.0 61.4#



#37

1,2-Dichloropropane

Concen: 0.501 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.100 min

Lab File: VV023970.D

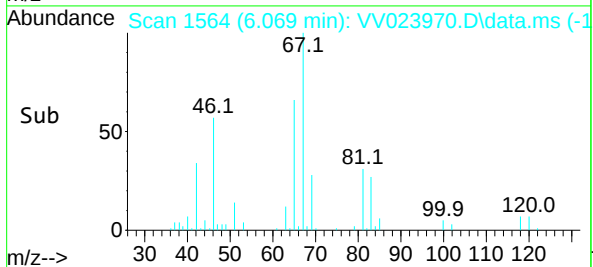
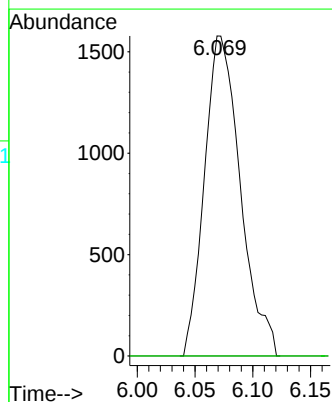
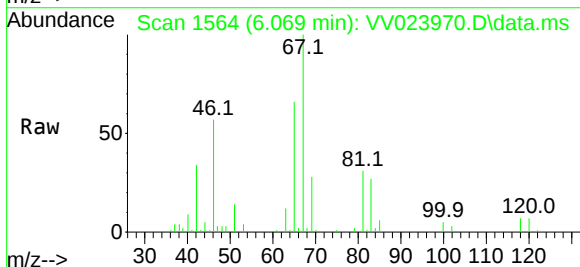
Acq: 14 Dec 2021 16:06

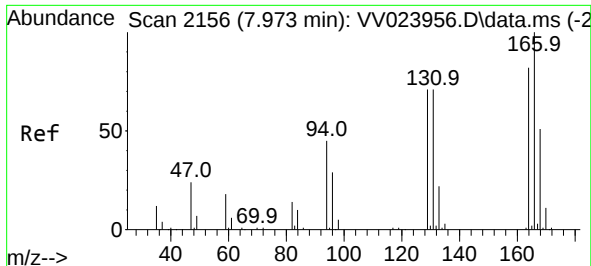
Tgt Ion: 63 Resp: 3413

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#





#47

Tetrachloroethene

Concen: 0.463 ug/L

RT: 7.976 min Scan# 2156

Delta R.T. 0.000 min

Lab File: VV023970.D

Acq: 14 Dec 2021 16:06

Instrument :

MSVOA_V

ClientSampleId :

VIBLK245

Tgt Ion:164 Resp: 3291

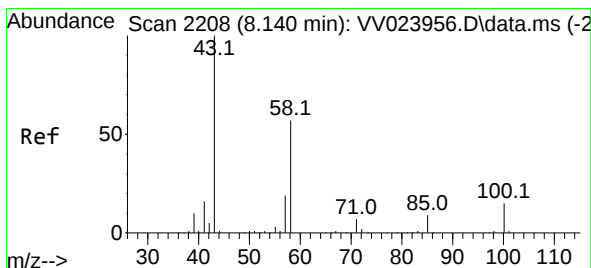
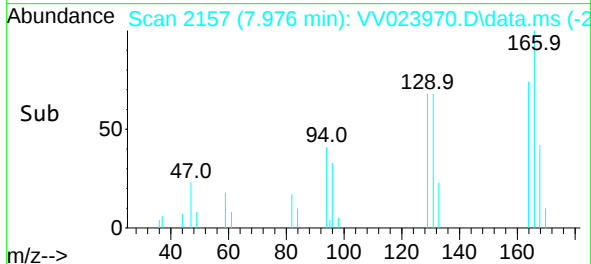
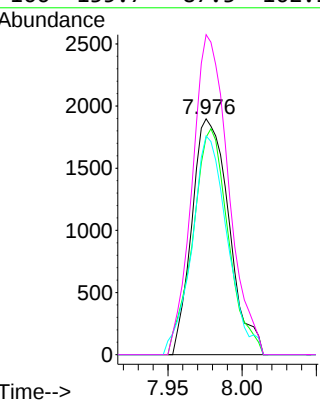
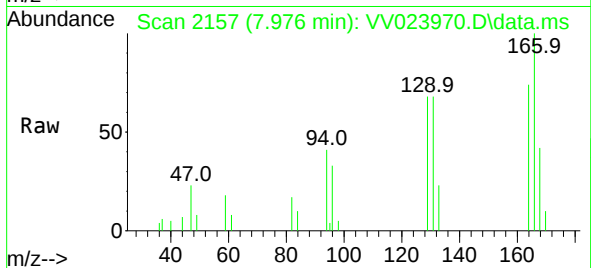
Ion Ratio Lower Upper

164 100

129 92.2 62.6 116.2

131 92.8 61.0 113.4

166 135.7 87.3 162.1



#48

2-Hexanone

Concen: 1.775 ug/L

RT: 8.153 min Scan# 2212

Delta R.T. 0.013 min

Lab File: VV023970.D

Acq: 14 Dec 2021 16:06

Tgt Ion: 43 Resp: 4211

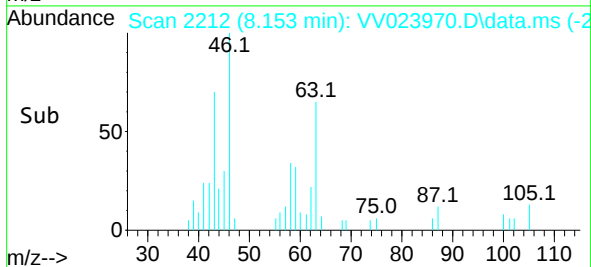
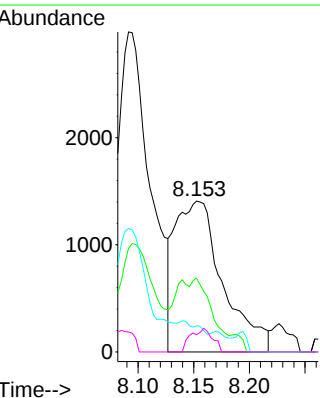
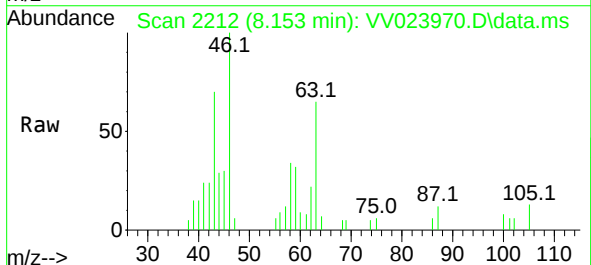
Ion Ratio Lower Upper

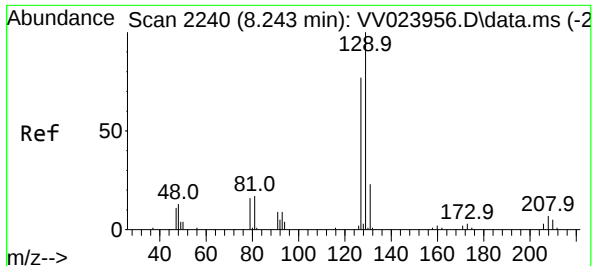
43 100

58 5.2 44.5 66.7#

57 0.0 15.1 22.7#

100 7.1 10.7 16.1#





#49

Dibromochloromethane

Concen: 0.434 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.267 min

Lab File: VV023970.D

Acq: 14 Dec 2021 16:06

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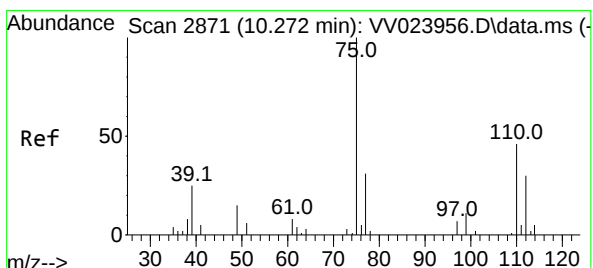
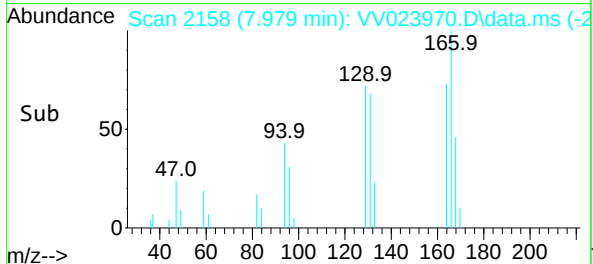
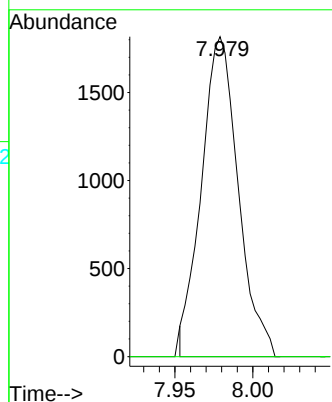
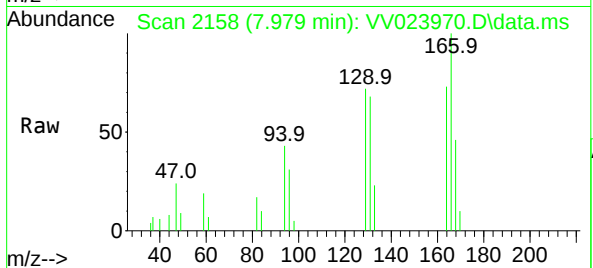
VIBLK245

Tgt Ion:129 Resp: 2975

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.3#



#61

1,2,3-Trichloropropane

Concen: 0.150 ug/L

RT: 10.011 min Scan# 2790

Delta R.T. -0.260 min

Lab File: VV023970.D

Acq: 14 Dec 2021 16:06

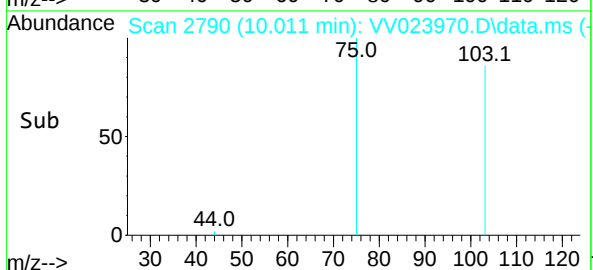
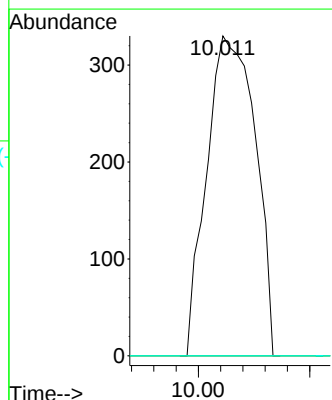
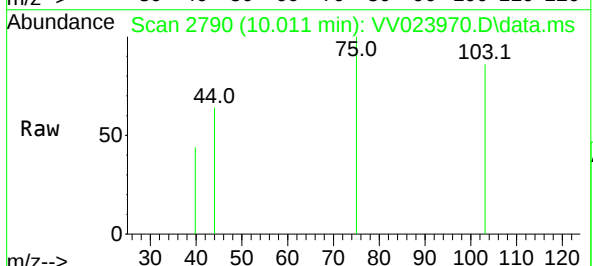
Tgt Ion: 75 Resp: 499

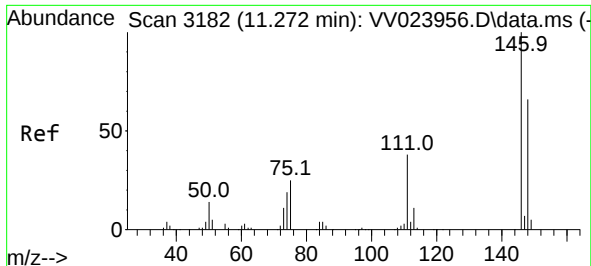
Ion Ratio Lower Upper

75 100

77 0.0 26.4 39.6#

110 0.0 34.2 51.2#

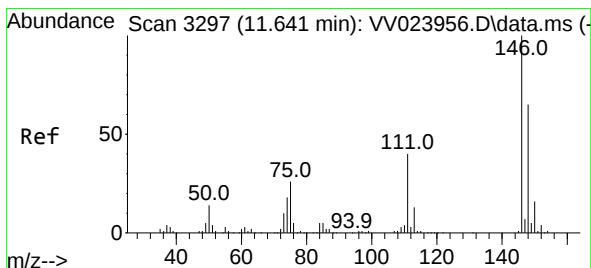
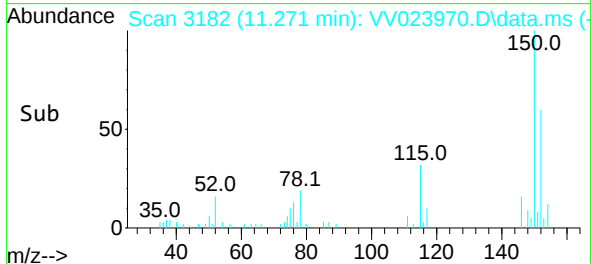
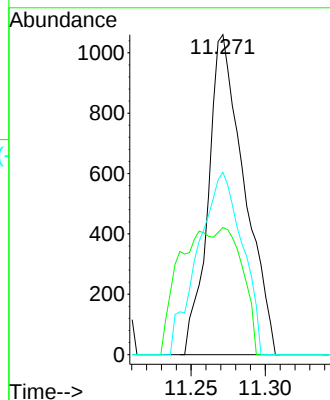
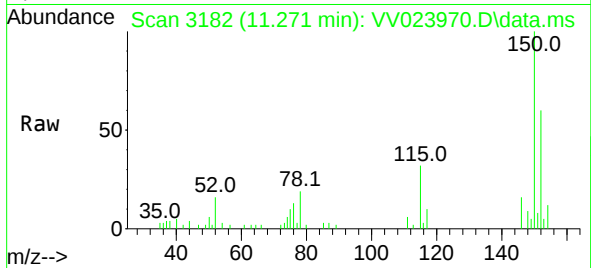




#65
 1,4-Dichlorobenzene
 Concen: 0.121 ug/L
 RT: 11.271 min Scan# 3182
 Delta R.T. 0.000 min
 Lab File: VV023970.D
 Acq: 14 Dec 2021 16:06

Instrument :
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 VIBLK245

Tgt Ion:146	Resp:	1791
Ion	Ratio	Lower Upper
146	100	
111	39.7	25.6 47.6
148	57.0	44.8 83.2



#67
 1,2-Dichlorobenzene
 Concen: 0.114 ug/L
 RT: 11.648 min Scan# 3299
 Delta R.T. 0.006 min
 Lab File: VV023970.D
 Acq: 14 Dec 2021 16:06

Tgt Ion:146	Resp:	1535
Ion	Ratio	Lower Upper
146	100	
111	43.8	31.9 47.9
148	71.1	50.5 75.7

