

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032622\
 Data File : VW025229.D
 Acq On : 27 Mar 2022 03:44
 Operator : SY/MD
 Sample : N2110-01
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0PB1

Quant Time: Mar 28 03:48:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Mar 28 03:13:34 2022
 Response via : Initial Calibration

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

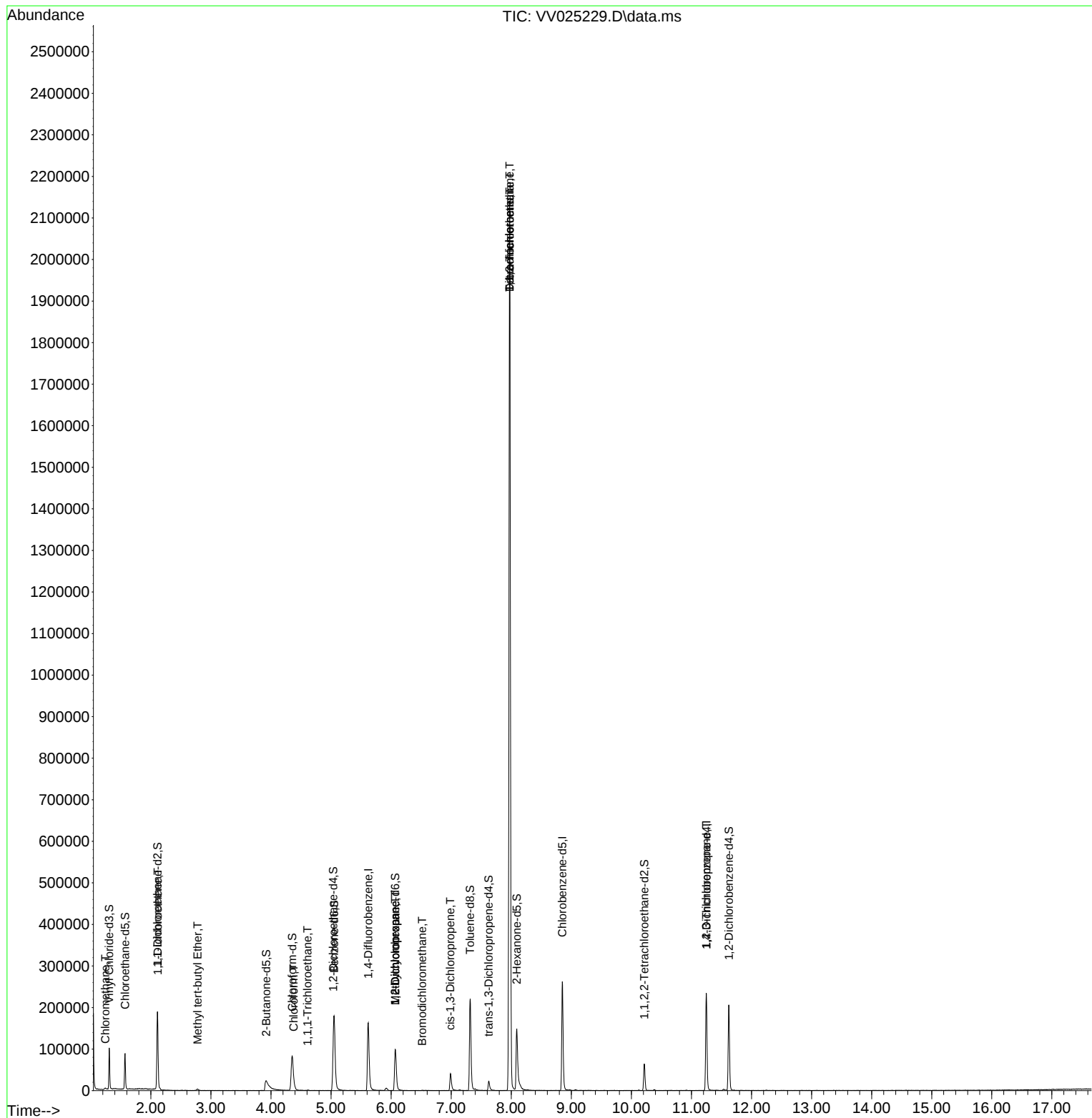
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	147088	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	142797	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	61147	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	60675	4.416	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.400%
7) Chloroethane-d5	1.571	69	54929	4.763	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.200%
11) 1,1-Dichloroethene-d2	2.111	63	97304	3.270	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.400%
20) 2-Butanone-d5	3.921	46	56594	41.352	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.700%
24) Chloroform-d	4.352	84	84880	4.734	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	5.037	65	38777	4.893	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
32) Benzene-d6	5.053	84	170711	4.725	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
36) 1,2-Dichloropropane-d6	6.069	67	49435	4.883	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.600%
41) Toluene-d8	7.317	98	149769	4.520	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
43) trans-1,3-Dichloroprop...	7.625	79	13292	4.024	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.400%
46) 2-Hexanone-d5	8.092	63	56524	47.384	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.760%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	30340	4.494	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	50816	5.174	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.400%
Target Compounds						Qvalue
3) Chloromethane	1.243	50	919	0.053	ug/L	83
12) 1,1-Dichloroethene	2.114	96	2117	0.143	ug/L #	1
17) Methyl tert-butyl Ether	2.777	73	3250	0.173	ug/L	96
25) Chloroform	4.378	83	9282	0.471	ug/L	86
29) 1,1,1-Trichloroethane	4.609	97	829	0.048	ug/L #	87
35) Methylcyclohexane	6.069	83	12581	0.698	ug/L #	21
37) 1,2-Dichloropropane	6.069	63	5454	0.561	ug/L #	84
38) Bromodichloromethane	6.516	83	505	0.041	ug/L #	91
39) cis-1,3-Dichloropropene	6.985	75	1223	0.097	ug/L #	37
45) 1,1,2-Trichloroethane	7.973	97	4244	0.638	ug/L #	1
47) Tetrachloroethene	7.973	164	441996	52.116	ug/L	97
49) Dibromochloromethane	7.973	129	420336	58.715	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	7605	1.644	ug/L #	66

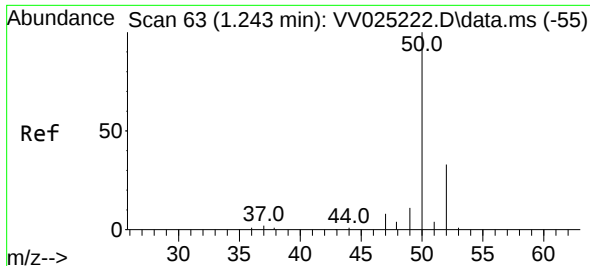
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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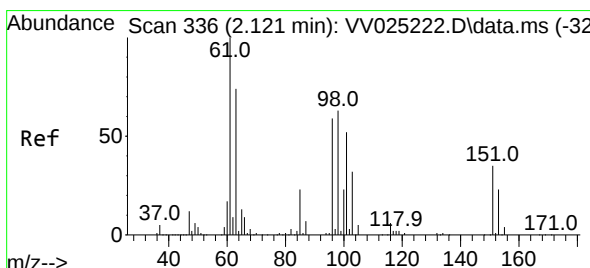
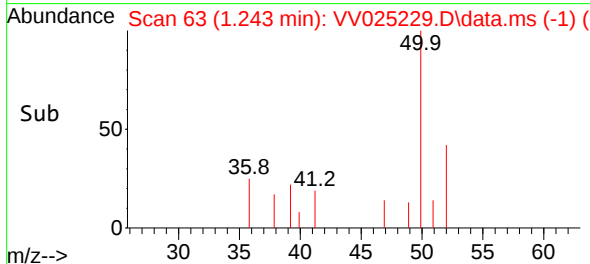
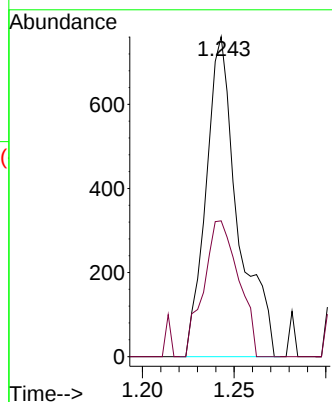
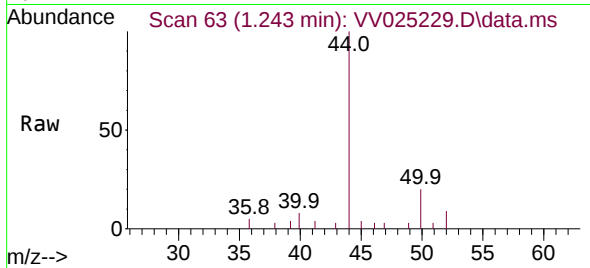




#3
Chloromethane
Concen: 0.053 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV025229.D
Acq: 27 Mar 2022 03:44

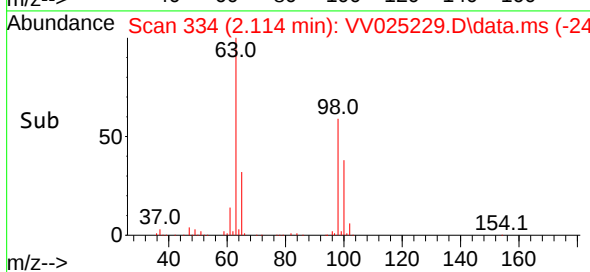
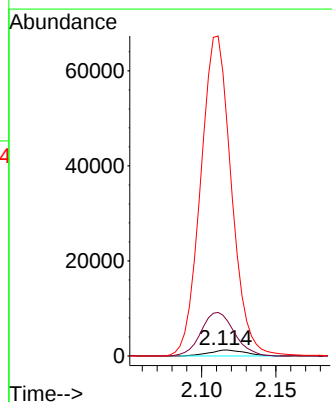
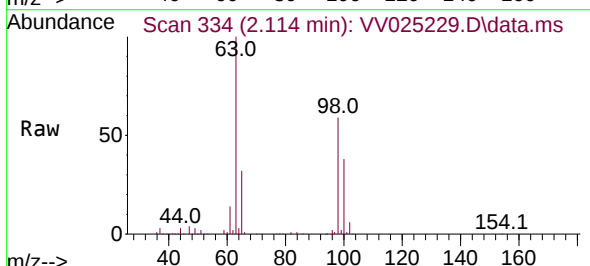
Instrument :
MSVOA_V
ClientSampleId :
C0PB1

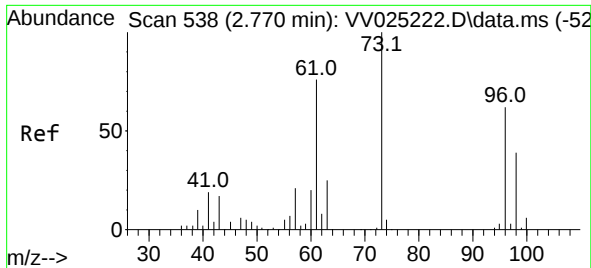
Tgt Ion: 50 Resp: 919
Ion Ratio Lower Upper
50 100
52 42.4 22.9 42.5



#12
1,1-Dichloroethene
Concen: 0.143 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.006 min
Lab File: VV025229.D
Acq: 27 Mar 2022 03:44

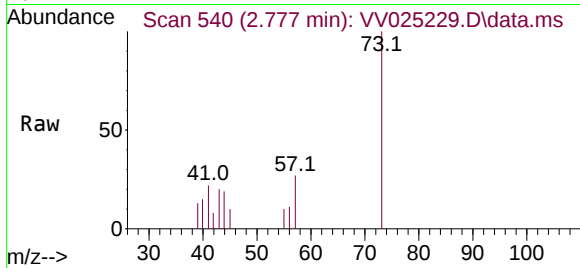
Tgt Ion: 96 Resp: 2117
Ion Ratio Lower Upper
96 100
61 682.0 121.5 225.7#
63 4746.5 77.9 144.7#



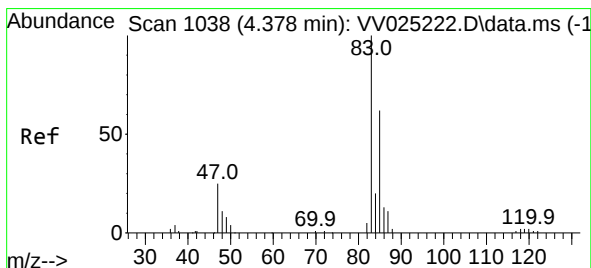
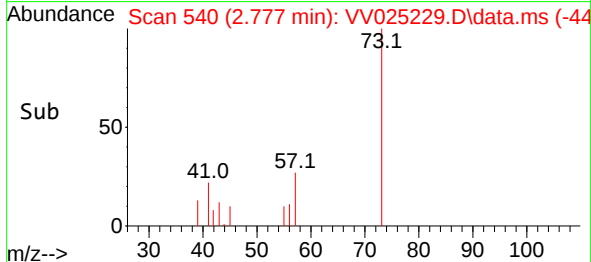
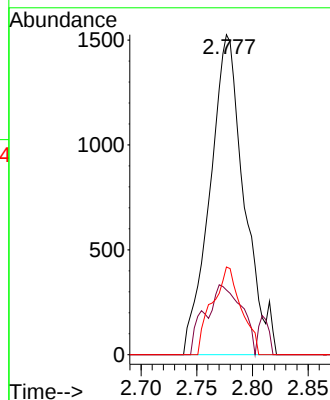


#17
Methyl tert-butyl Ether
Concen: 0.173 ug/L
RT: 2.777 min Scan# 54
Delta R.T. 0.007 min
Lab File: VV025229.D
Acq: 27 Mar 2022 03:44

Instrument :
MSVOA_V
ClientSampleId :
C0PB1

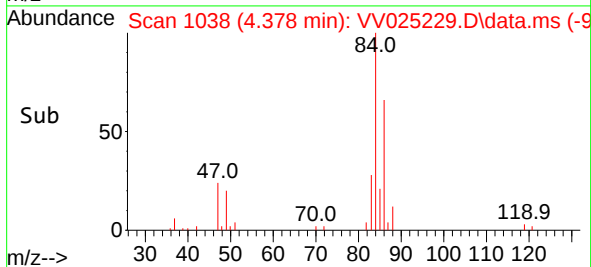
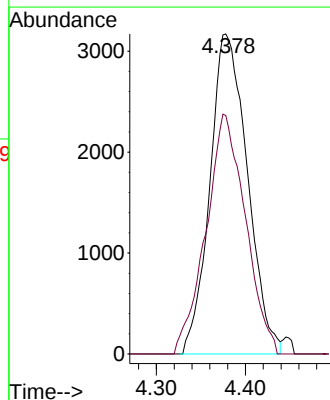
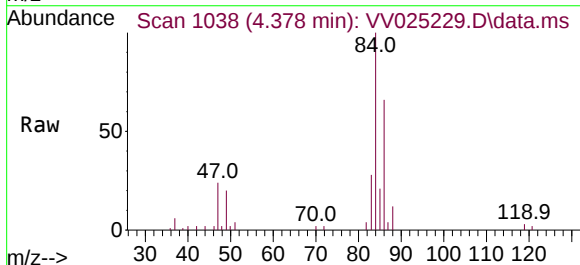


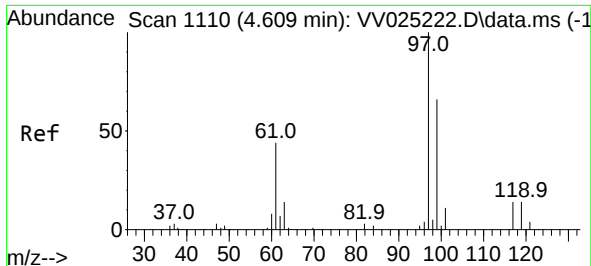
Tgt Ion: 73	Resp: 3250
Ion Ratio	Lower Upper
73 100	
43 18.0	13.5 20.3
57 23.3	16.4 24.6



#25
Chloroform
Concen: 0.471 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VV025229.D
Acq: 27 Mar 2022 03:44

Tgt Ion: 83	Resp: 9282
Ion Ratio	Lower Upper
83 100	
85 74.5	44.7 82.9





#29

1,1,1-Trichloroethane

Concen: 0.048 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VV025229.D

Acq: 27 Mar 2022 03:44

Instrument :

MSVOA_V

ClientSampleId :

C0PB1

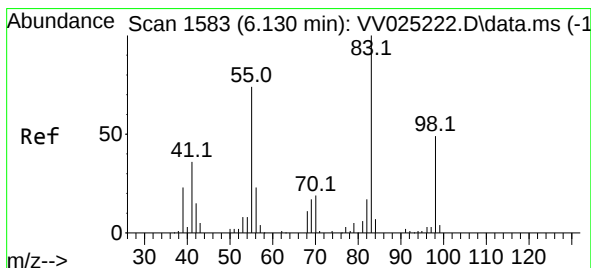
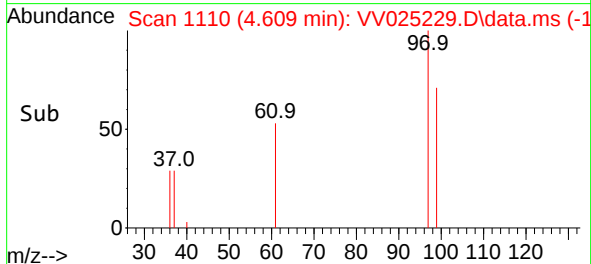
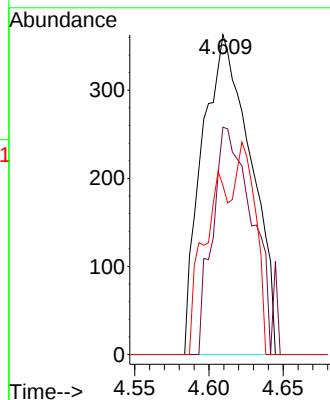
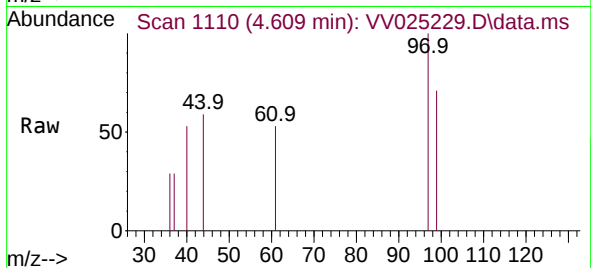
Tgt Ion: 97 Resp: 829

Ion Ratio Lower Upper

97 100

99 59.6 51.9 77.9

61 28.5 34.2 51.2#



#35

Methylcyclohexane

Concen: 0.698 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.061 min

Lab File: VV025229.D

Acq: 27 Mar 2022 03:44

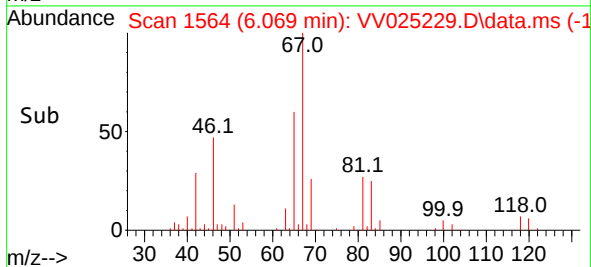
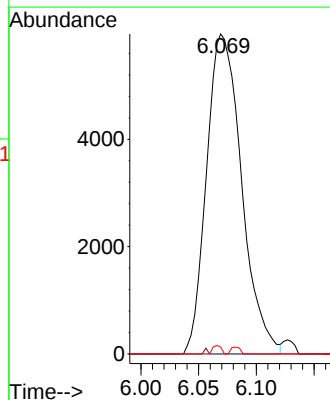
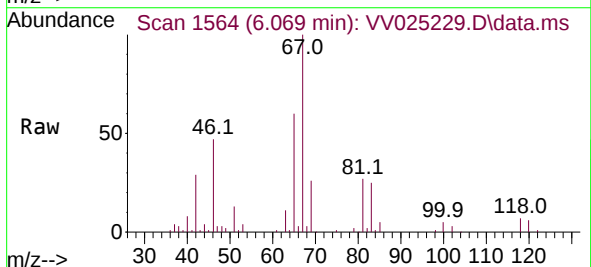
Tgt Ion: 83 Resp: 12581

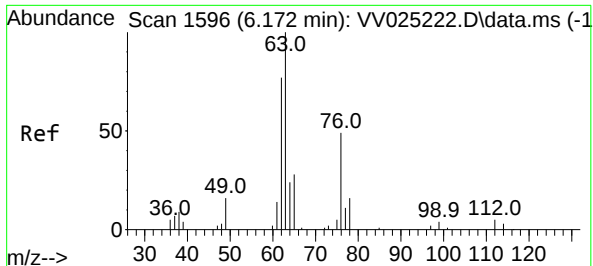
Ion Ratio Lower Upper

83 100

55 0.2 54.6 81.8#

98 0.6 39.8 59.6#





#37

1,2-Dichloropropane

Concen: 0.561 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV025229.D

Acq: 27 Mar 2022 03:44

Instrument :

MSVOA_V

ClientSampleId :

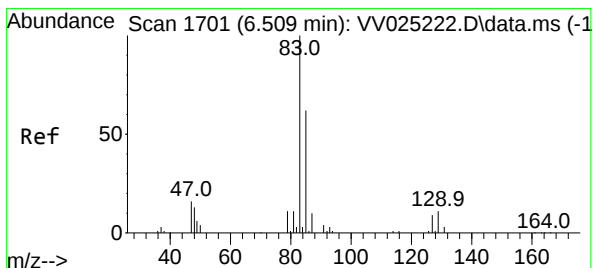
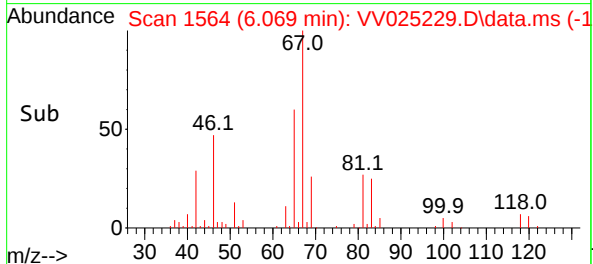
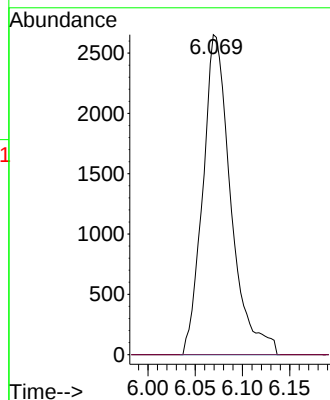
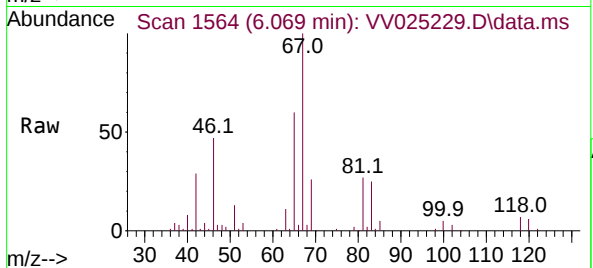
C0PB1

Tgt Ion: 63 Resp: 5454

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.2#



#38

Bromodichloromethane

Concen: 0.041 ug/L

RT: 6.516 min Scan# 1703

Delta R.T. 0.007 min

Lab File: VV025229.D

Acq: 27 Mar 2022 03:44

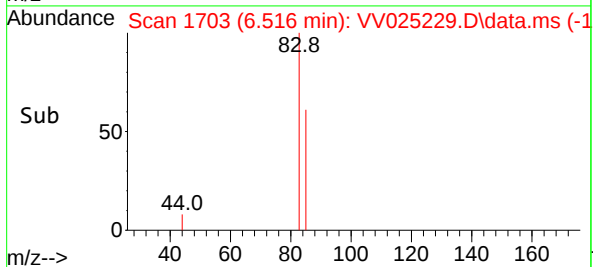
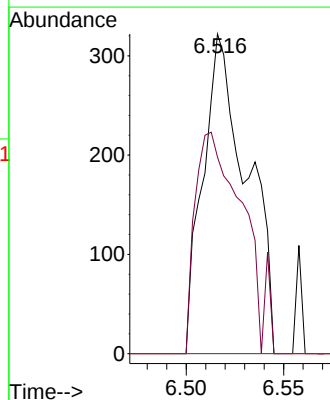
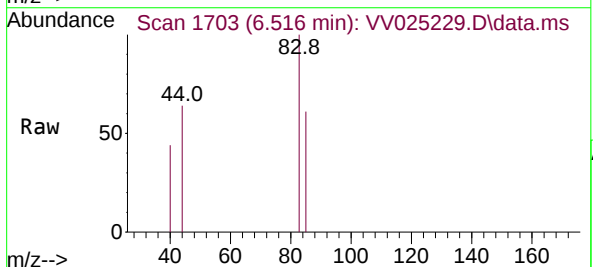
Tgt Ion: 83 Resp: 505

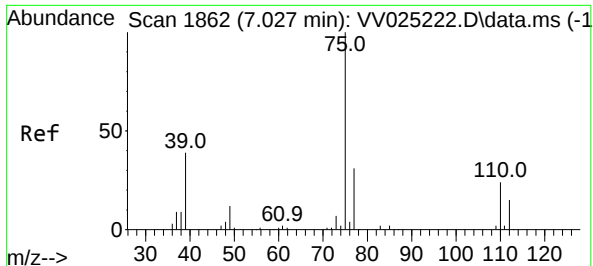
Ion Ratio Lower Upper

83 100

85 61.5 47.2 87.6

127 0.0 7.2 10.8#





#39

cis-1,3-Dichloropropene

Concen: 0.097 ug/L

RT: 6.985 min Scan# 11

Delta R.T. -0.042 min

Lab File: VV025229.D

Acq: 27 Mar 2022 03:44

Instrument :

MSVOA_V

ClientSampleId :

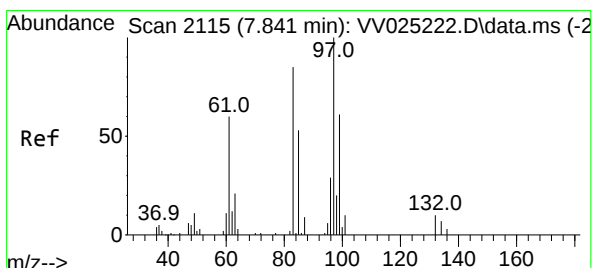
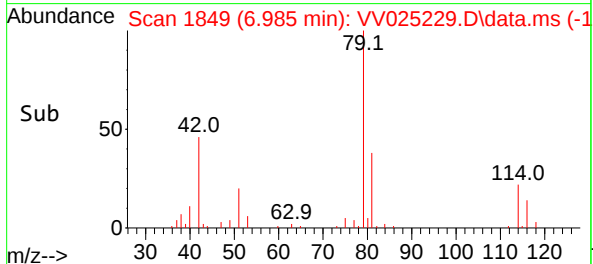
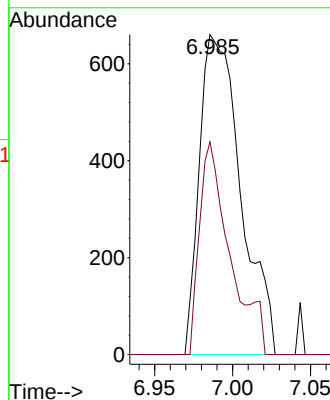
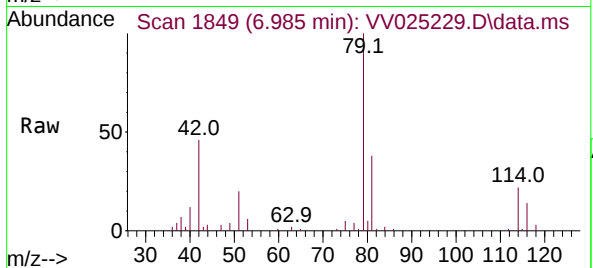
C0PB1

Tgt Ion: 75 Resp: 1223

Ion Ratio Lower Upper

75 100

77 66.5 22.1 41.1#



#45

1,1,2-Trichloroethane

Concen: 0.638 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.132 min

Lab File: VV025229.D

Acq: 27 Mar 2022 03:44

Tgt Ion: 97 Resp: 4244

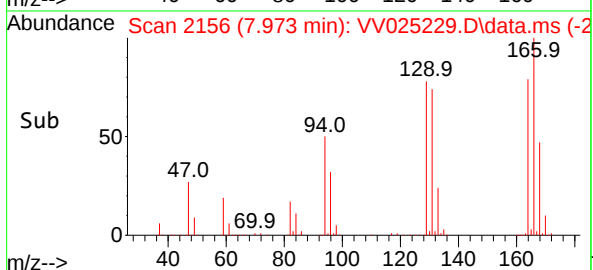
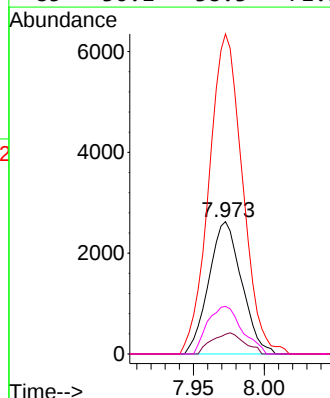
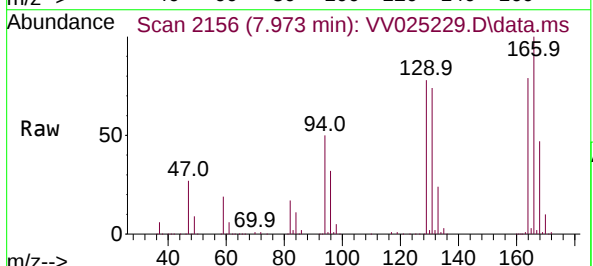
Ion Ratio Lower Upper

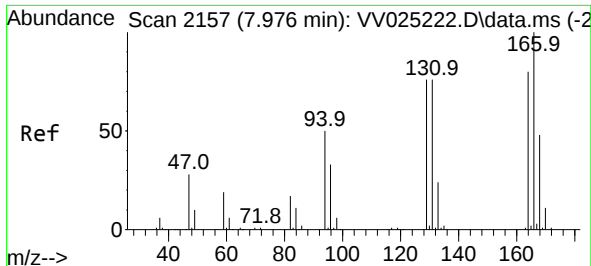
97 100

99 14.9 43.3 80.5#

83 241.8 58.0 107.6#

85 36.1 38.3 71.1#





#47

Tetrachloroethene

Concen: 52.116 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.003 min

Lab File: VV025229.D

Acq: 27 Mar 2022 03:44

Instrument :

MSVOA_V

ClientSampleId :

C0PB1

Tgt Ion:164 Resp: 441996

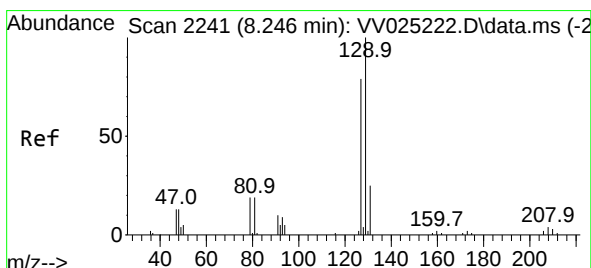
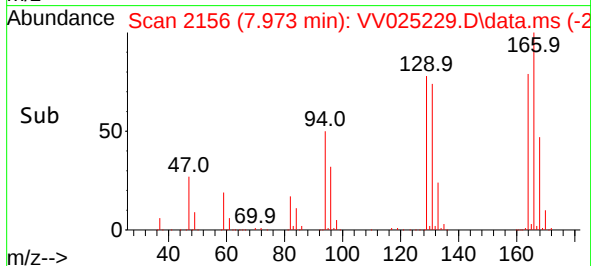
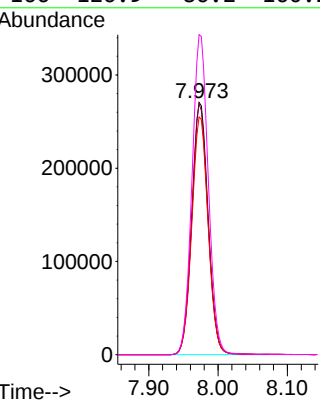
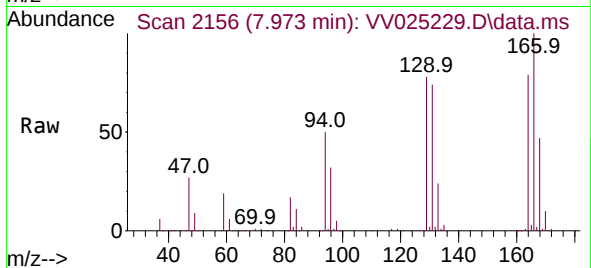
Ion Ratio Lower Upper

164 100

129 99.6 67.5 125.4

131 94.3 68.0 126.4

166 126.9 86.2 160.2



#49

Dibromochloromethane

Concen: 58.715 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.273 min

Lab File: VV025229.D

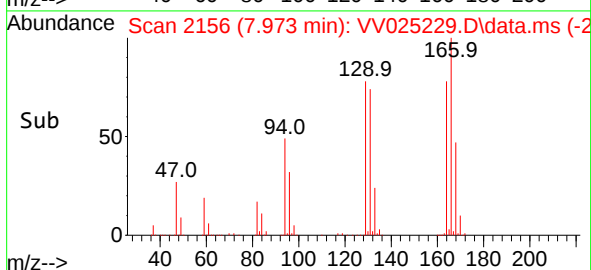
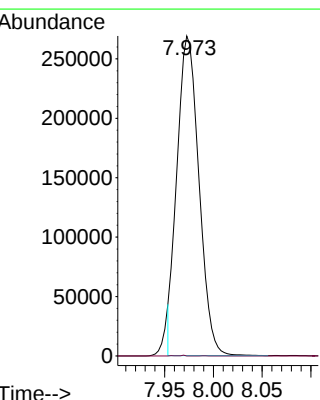
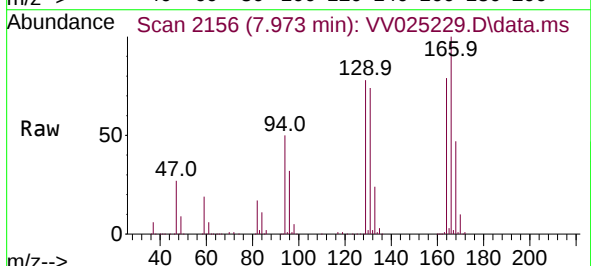
Acq: 27 Mar 2022 03:44

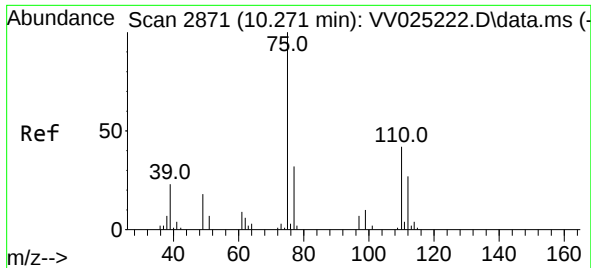
Tgt Ion:129 Resp: 420336

Ion Ratio Lower Upper

129 100

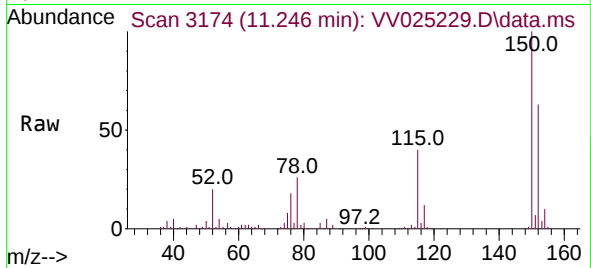
127 0.0 54.1 100.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.644 ug/L
 RT: 11.246 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV025229.D
 Acq: 27 Mar 2022 03:44

Instrument :
 MSVOA_V
 ClientSampleId :
 C0PB1



Tgt Ion:	75	Resp:	7605
Ion	Ratio	Lower	Upper
75	100		
77	33.4	25.8	38.6
110	2.4	31.6	47.4#

