

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032622\
 Data File : VV025233.D
 Acq On : 27 Mar 2022 05:18
 Operator : SY/MD
 Sample : N2110-05
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0PB5

Quant Time: Mar 28 03:48:47 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)

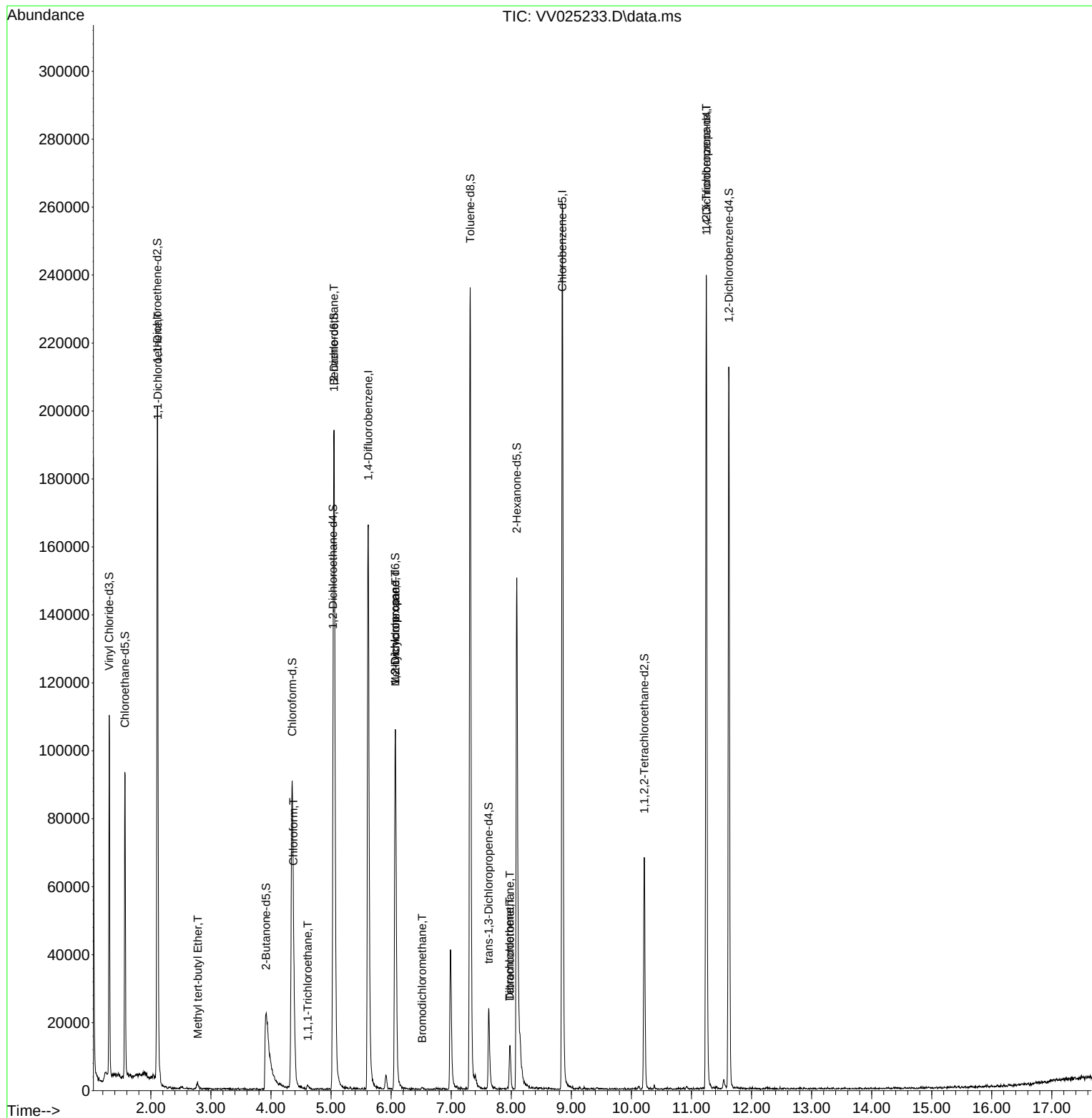
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	148987	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	144892	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	62727	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	65090	4.677	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.600%
7) Chloroethane-d5	1.568	69	56598	4.846	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.000%
11) 1,1-Dichloroethene-d2	2.108	63	103551	3.435	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.800%
20) 2-Butanone-d5	3.915	46	66846	48.220	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.440%
24) Chloroform-d	4.352	84	90744	4.996	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	5.034	65	41976	5.229	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.600%
32) Benzene-d6	5.050	84	182733	4.985	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
36) 1,2-Dichloropropane-d6	6.069	67	51716	5.034	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.600%
41) Toluene-d8	7.317	98	157181	4.675	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
43) trans-1,3-Dichloroprop...	7.625	79	14515	4.331	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.600%
46) 2-Hexanone-d5	8.092	63	56564	46.732	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.460%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	33318	4.864	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	52657	5.227	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.600%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.114	96	2847	0.190	ug/L #	1
17) Methyl tert-butyl Ether	2.780	73	1720	0.091	ug/L #	88
25) Chloroform	4.375	83	21714	1.089	ug/L	93
27) 1,2-Dichloroethane	5.047	62	949	0.092	ug/L #	73
29) 1,1,1-Trichloroethane	4.613	97	883	0.050	ug/L #	55
35) Methylcyclohexane	6.072	83	13784	0.754	ug/L #	21
37) 1,2-Dichloropropane	6.069	63	5818	0.590	ug/L #	85
38) Bromodichloromethane	6.516	83	484	0.039	ug/L #	76
47) Tetrachloroethene	7.976	164	3068	0.357	ug/L	98
49) Dibromochloromethane	7.979	129	2976	0.410	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	7674	1.617	ug/L #	67

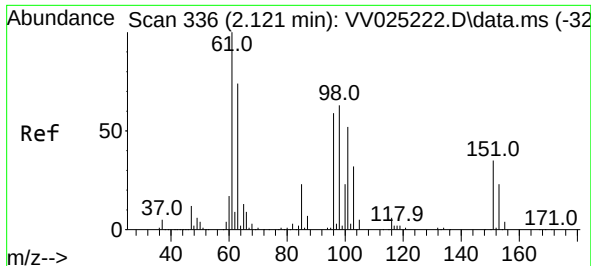
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.190 ug/L

RT: 2.114 min Scan# 31

Delta R.T. -0.006 min

Lab File: VV025233.D

Acq: 27 Mar 2022 05:18

Instrument :

MSVOA_V

ClientSampleId :

C0PB5

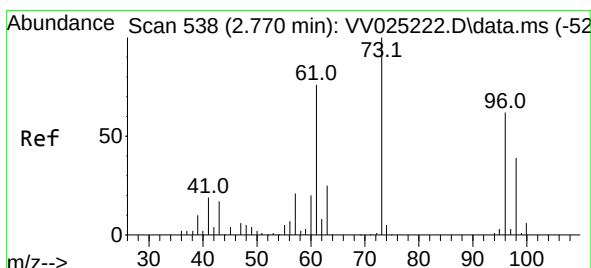
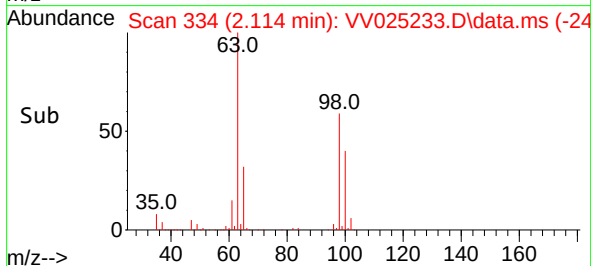
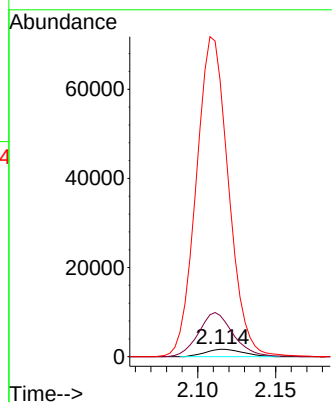
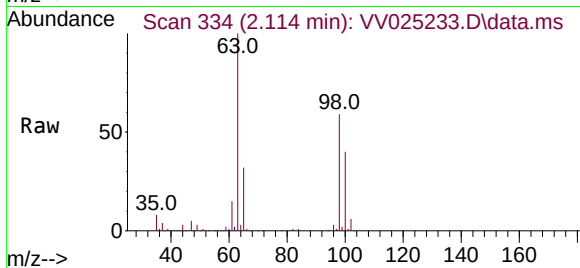
Tgt Ion: 96 Resp: 2847

Ion Ratio Lower Upper

96 100

61 552.9 121.5 225.7#

63 3714.0 77.9 144.7#



#17

Methyl tert-butyl Ether

Concen: 0.091 ug/L

RT: 2.780 min Scan# 541

Delta R.T. 0.010 min

Lab File: VV025233.D

Acq: 27 Mar 2022 05:18

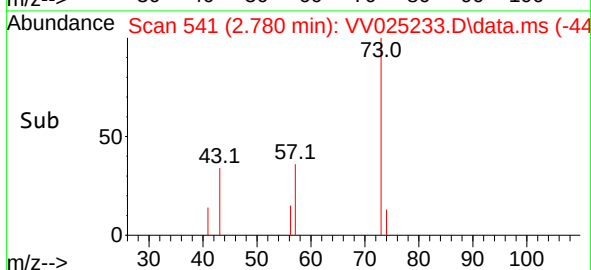
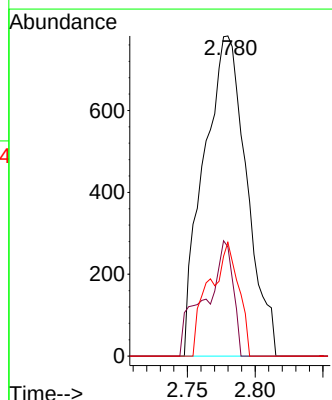
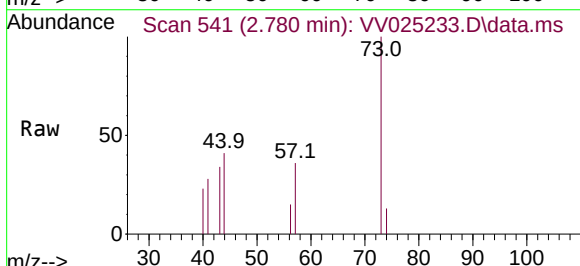
Tgt Ion: 73 Resp: 1720

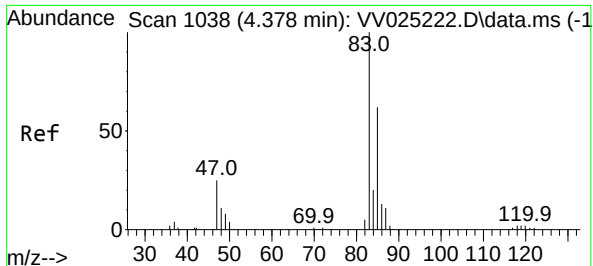
Ion Ratio Lower Upper

73 100

43 23.7 13.5 20.3#

57 24.5 16.4 24.6





#25

Chloroform

Concen: 1.089 ug/L

RT: 4.375 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV025233.D

Acq: 27 Mar 2022 05:18

Instrument :

MSVOA_V

ClientSampleId :

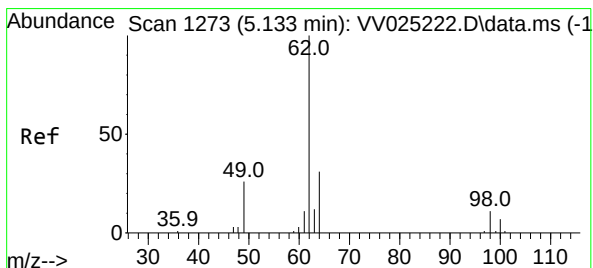
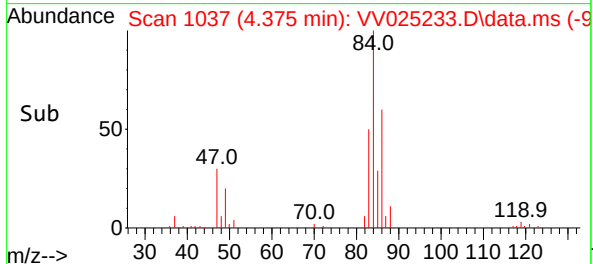
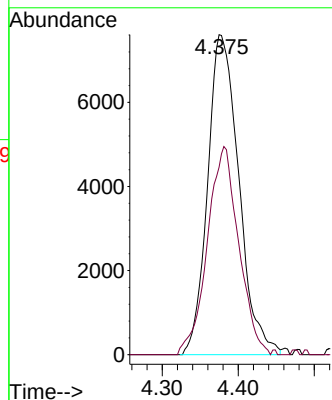
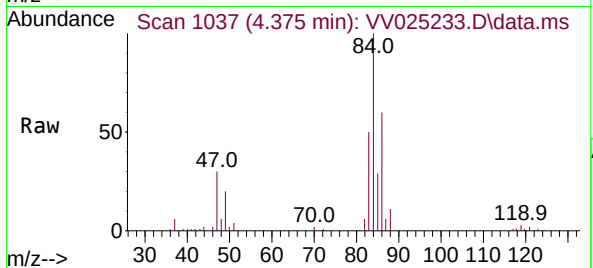
C0PB5

Tgt Ion: 83 Resp: 21714

Ion Ratio Lower Upper

83 100

85 58.6 44.7 82.9



#27

1,2-Dichloroethane

Concen: 0.092 ug/L

RT: 5.047 min Scan# 1246

Delta R.T. -0.087 min

Lab File: VV025233.D

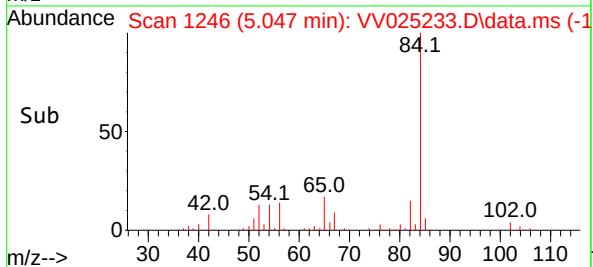
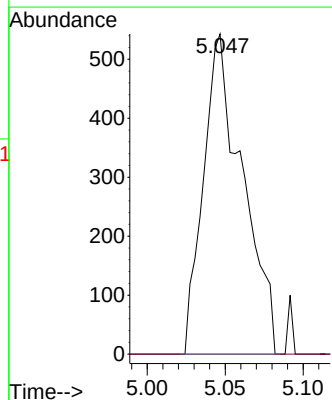
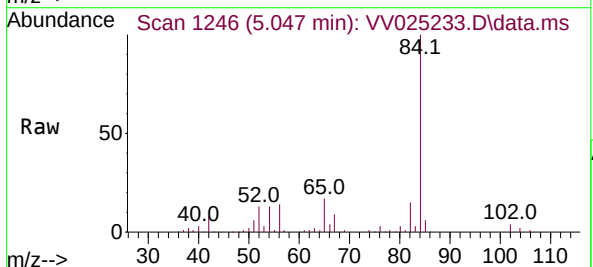
Acq: 27 Mar 2022 05:18

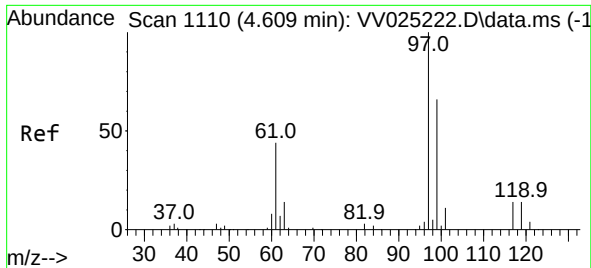
Tgt Ion: 62 Resp: 949

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#

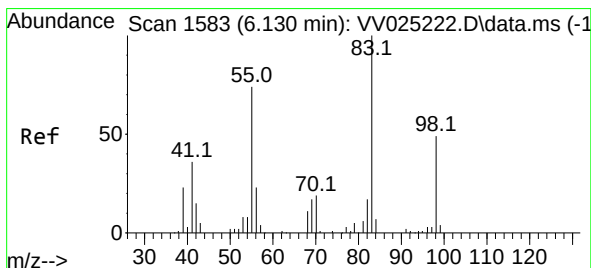
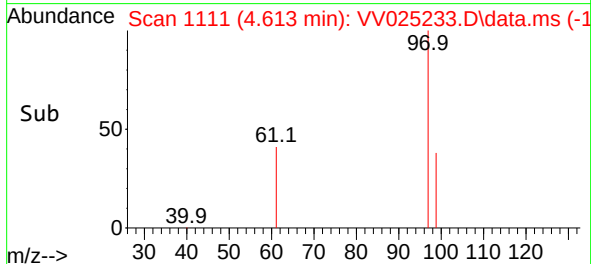
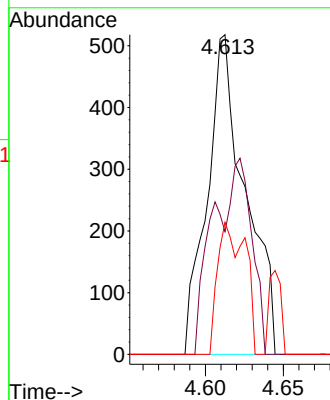
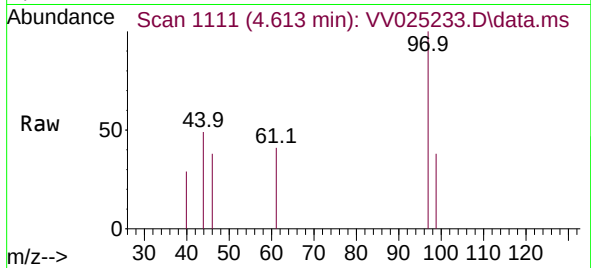




#29
1,1,1-Trichloroethane
Concen: 0.050 ug/L
RT: 4.613 min Scan# 1111
Delta R.T. 0.003 min
Lab File: VV025233.D
Acq: 27 Mar 2022 05:18

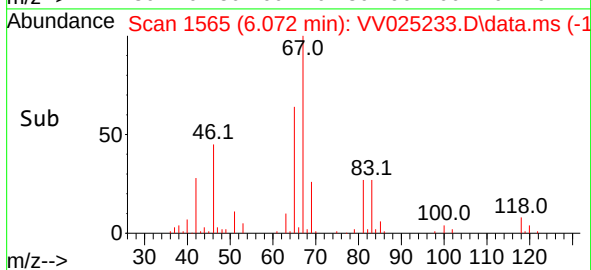
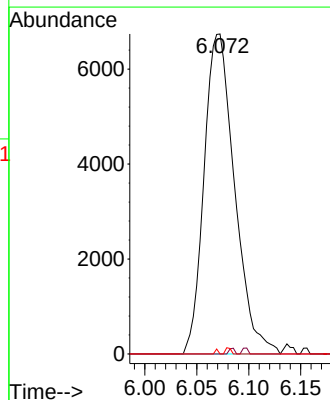
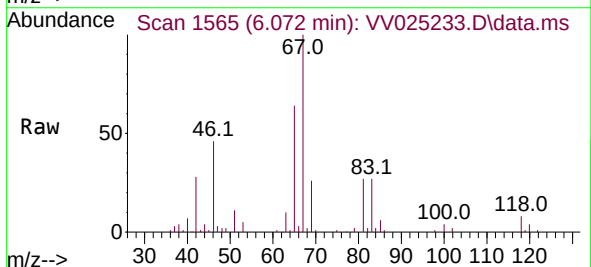
Instrument :
MSVOA_V
ClientSampleId :
C0PB5

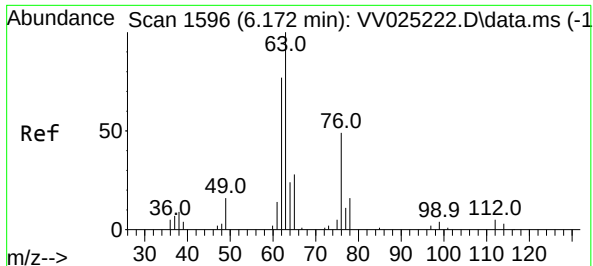
Tgt Ion: 97 Resp: 883
Ion Ratio Lower Upper
97 100
99 25.9 51.9 77.9#
61 18.5 34.2 51.2#



#35
Methylcyclohexane
Concen: 0.754 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.058 min
Lab File: VV025233.D
Acq: 27 Mar 2022 05:18

Tgt Ion: 83 Resp: 13784
Ion Ratio Lower Upper
83 100
55 0.0 54.6 81.8#
98 0.1 39.8 59.6#





#37

1,2-Dichloropropane

Concen: 0.590 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV025233.D

Acq: 27 Mar 2022 05:18

Instrument :

MSVOA_V

ClientSampleId :

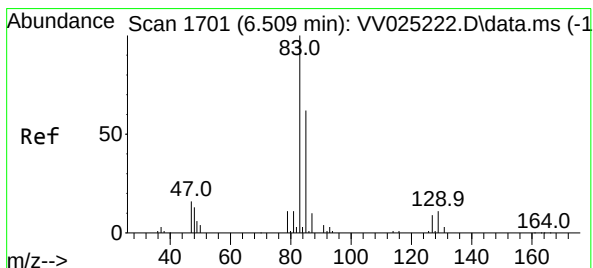
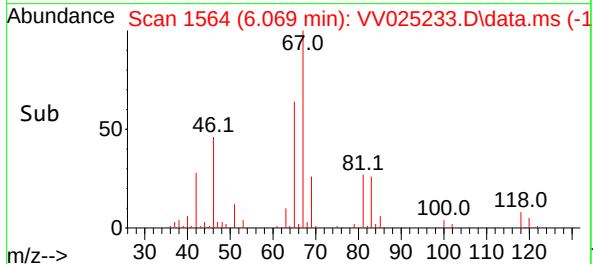
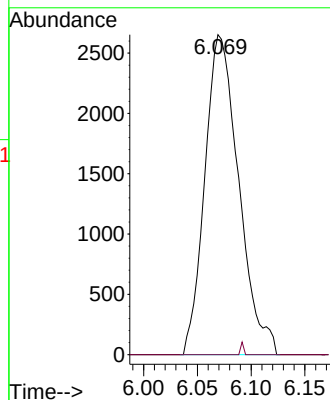
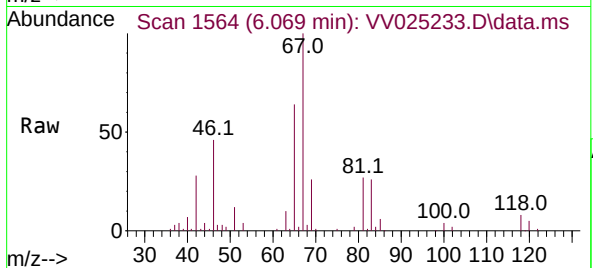
C0PB5

Tgt Ion: 63 Resp: 5818

Ion Ratio Lower Upper

63 100

112 0.3 4.2 6.2#



#38

Bromodichloromethane

Concen: 0.039 ug/L

RT: 6.516 min Scan# 1703

Delta R.T. 0.007 min

Lab File: VV025233.D

Acq: 27 Mar 2022 05:18

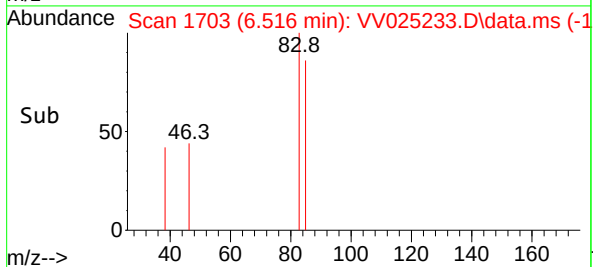
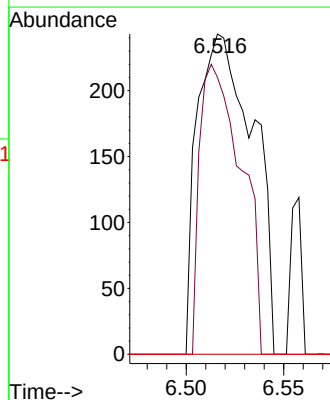
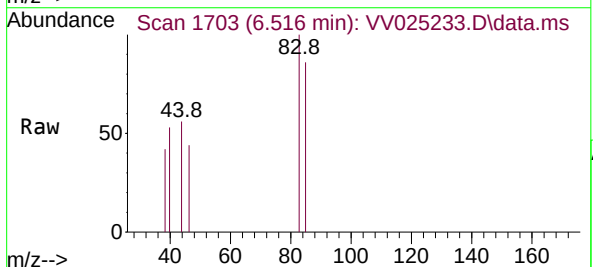
Tgt Ion: 83 Resp: 484

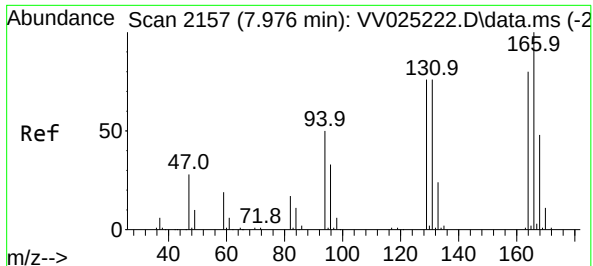
Ion Ratio Lower Upper

83 100

85 86.4 47.2 87.6

127 0.0 7.2 10.8#





#47

Tetrachloroethene

Concen: 0.357 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.000 min

Lab File: VV025233.D

Acq: 27 Mar 2022 05:18

Instrument :

MSVOA_V

ClientSampleId :

C0PB5

Tgt Ion:164 Resp: 3068

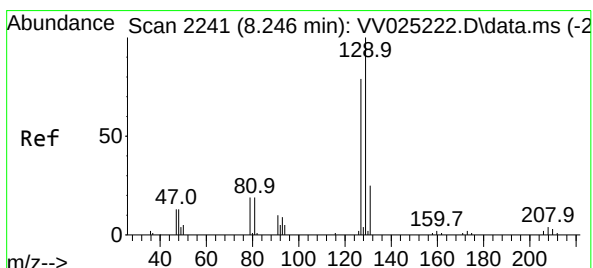
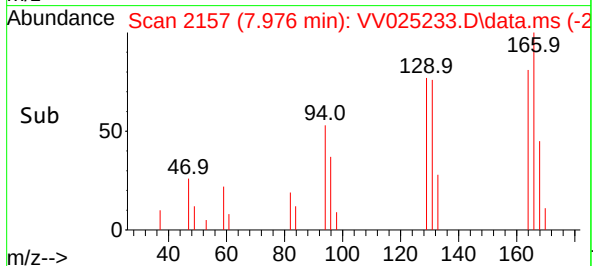
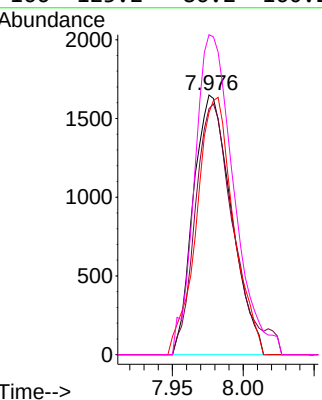
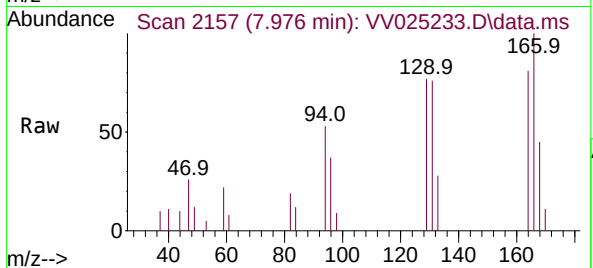
Ion Ratio Lower Upper

164 100

129 94.7 67.5 125.4

131 93.2 68.0 126.4

166 123.2 86.2 160.2



#49

Dibromochloromethane

Concen: 0.410 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.267 min

Lab File: VV025233.D

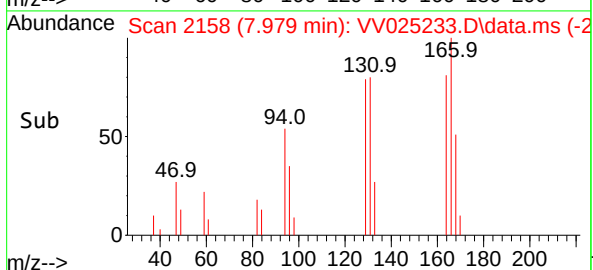
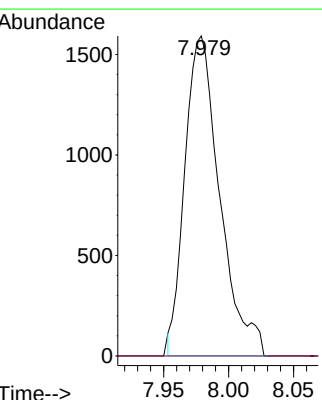
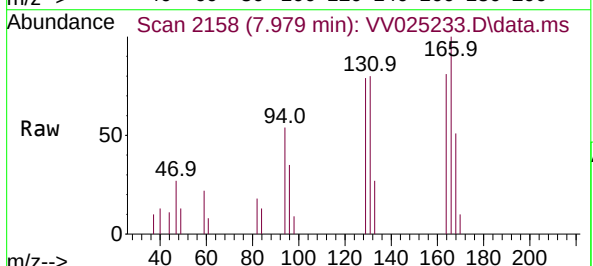
Acq: 27 Mar 2022 05:18

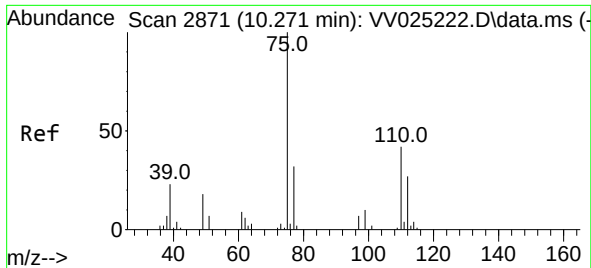
Tgt Ion:129 Resp: 2976

Ion Ratio Lower Upper

129 100

127 0.0 54.1 100.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.617 ug/L
 RT: 11.246 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV025233.D
 Acq: 27 Mar 2022 05:18

Instrument :
 MSVOA_V
 ClientSampleId :
 C0PB5

Tgt Ion: 75	Resp:	7674
Ion	Ratio	Lower Upper
75	100	
77	32.9	25.8 38.6
110	3.6	31.6 47.4#

