

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032622\
 Data File : VW025237.D
 Acq On : 27 Mar 2022 06:52
 Operator : SY/MD
 Sample : N2110-09
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0PC2

Quant Time: Mar 28 03:49:37 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)

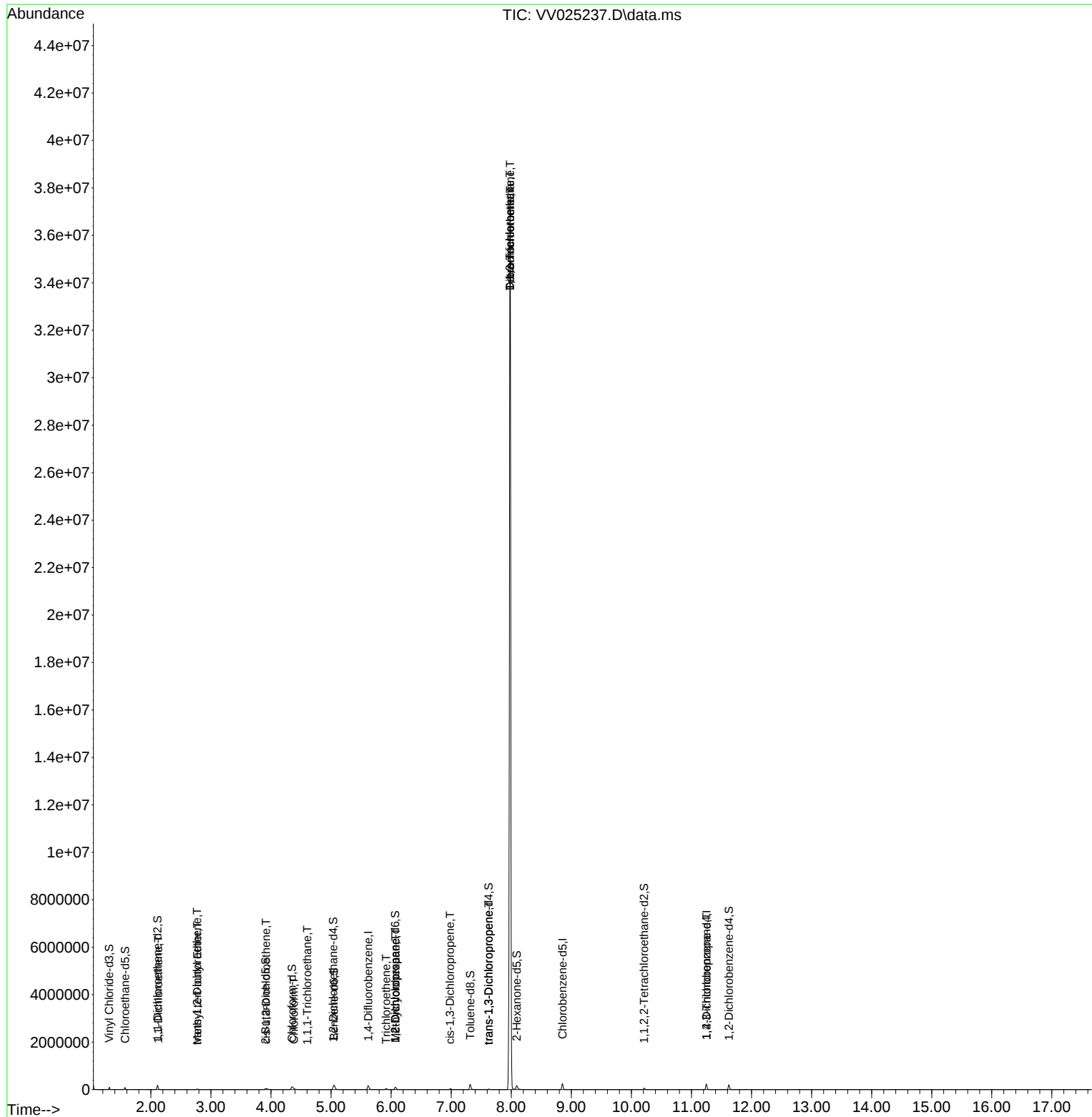
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	146108	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	139350	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	60573	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	58028	4.252	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.000%
7) Chloroethane-d5	1.571	69	50967	4.450	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.000%
11) 1,1-Dichloroethene-d2	2.111	63	92913	3.143	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.800%
20) 2-Butanone-d5	3.908	46	61987	45.596	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.200%
24) Chloroform-d	4.349	84	85952	4.826	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	5.037	65	39188	4.978	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
32) Benzene-d6	5.050	84	174487	4.949	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
36) 1,2-Dichloropropane-d6	6.069	67	50414	5.103	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.000%
41) Toluene-d8	7.317	98	147933	4.575	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
43) trans-1,3-Dichloroprop...	7.625	79	13859	4.300	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.000%
46) 2-Hexanone-d5	8.091	63	62630	53.802	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.600%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	30012	4.556	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	49816	5.121	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.400%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.124	96	3183	0.216	ug/L #	1
17) Methyl tert-butyl Ether	2.773	73	22722	1.221	ug/L	97
18) trans-1,2-Dichloroethene	2.770	96	477	0.045	ug/L	76
22) cis-1,2-Dichloroethene	3.918	96	13645	1.272	ug/L	97
25) Chloroform	4.381	83	5924	0.303	ug/L	90
29) 1,1,1-Trichloroethane	4.603	97	531	0.032	ug/L #	1
34) Trichloroethene	5.918	95	15140	1.349	ug/L	93
35) Methylcyclohexane	6.072	83	12821	0.729	ug/L #	22
37) 1,2-Dichloropropane	6.072	63	5441	0.574	ug/L #	84
39) cis-1,3-Dichloropropene	6.982	75	1238	0.101	ug/L #	66
44) trans-1,3-Dichloropropene	7.625	75	717	0.074	ug/L	97
45) 1,1,2-Trichloroethane	7.979	97	66683	10.272	ug/L #	1
47) Tetrachloroethene	7.982	164	7226909	873.210	ug/L	99
49) Dibromochloromethane	7.982	129	7109583	1017.682	ug/L #	11
61) 1,2,3-Trichloropropane	11.249	75	8029	1.752	ug/L #	64

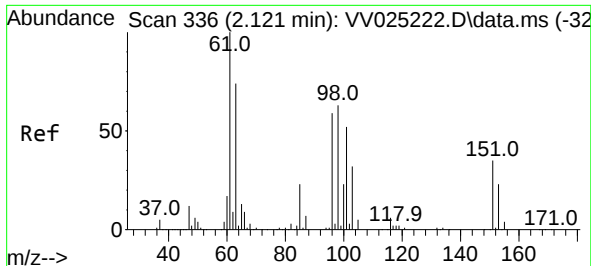
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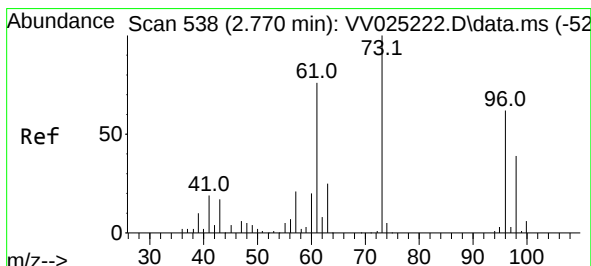
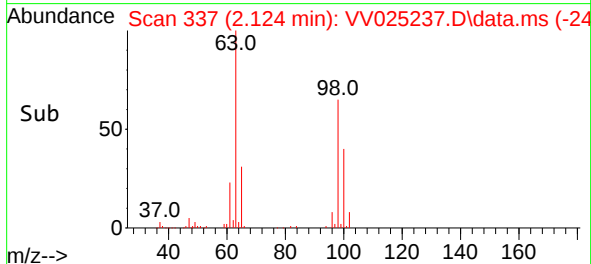
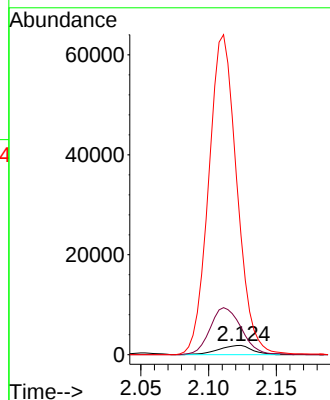
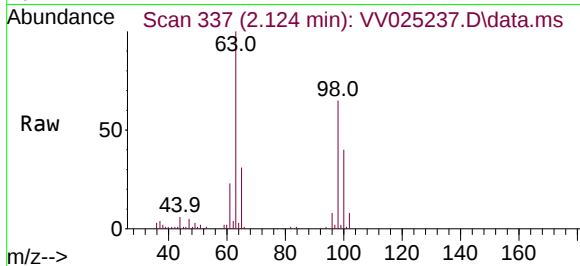




#12
 1,1-Dichloroethene
 Concen: 0.216 ug/L
 RT: 2.124 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VV025237.D
 Acq: 27 Mar 2022 06:52

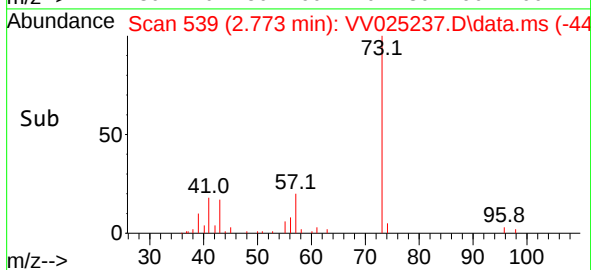
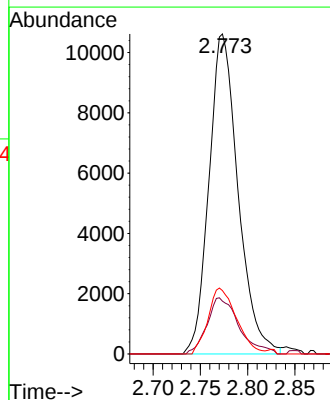
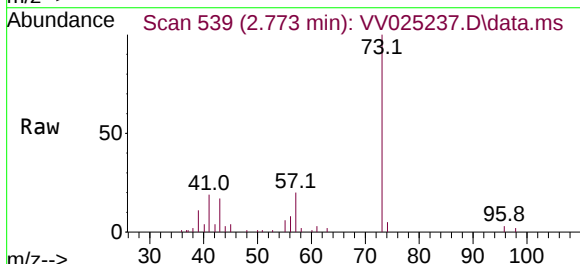
Instrument :
 MSVOA_V
 ClientSampleId :
 C0PC2

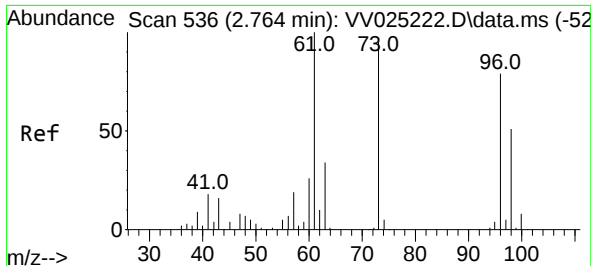
Tgt Ion: 96 Resp: 3183
 Ion Ratio Lower Upper
 96 100
 61 297.2 121.5 225.7#
 63 1296.3 77.9 144.7#



#17
 Methyl tert-butyl Ether
 Concen: 1.221 ug/L
 RT: 2.773 min Scan# 539
 Delta R.T. 0.003 min
 Lab File: VV025237.D
 Acq: 27 Mar 2022 06:52

Tgt Ion: 73 Resp: 22722
 Ion Ratio Lower Upper
 73 100
 43 19.3 13.5 20.3
 57 20.1 16.4 24.6

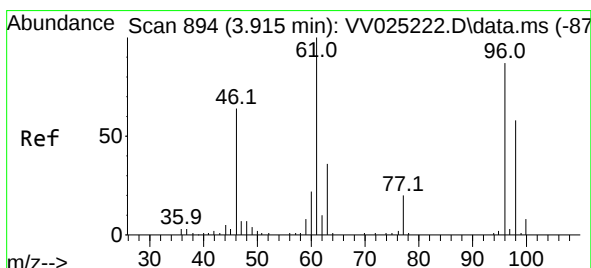
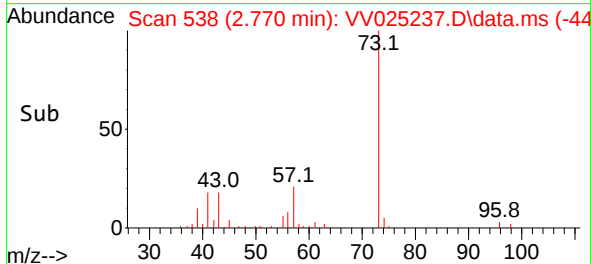
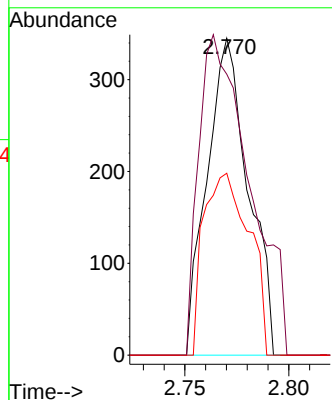
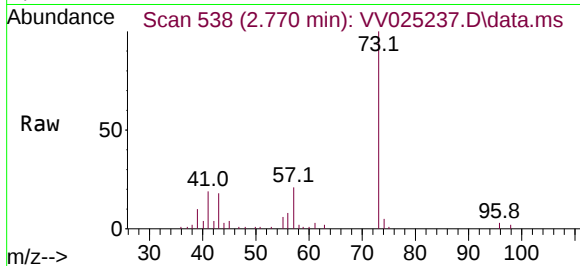




#18
trans-1,2-Dichloroethene
Concen: 0.045 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV025237.D
Acq: 27 Mar 2022 06:52

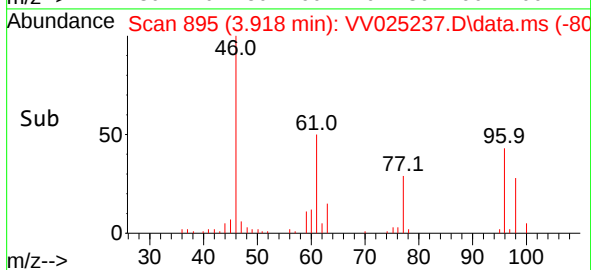
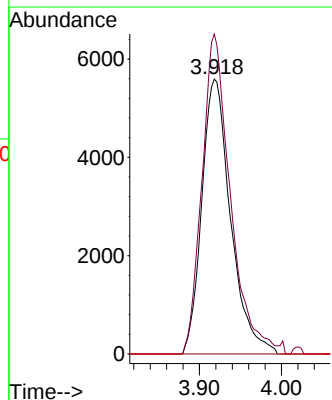
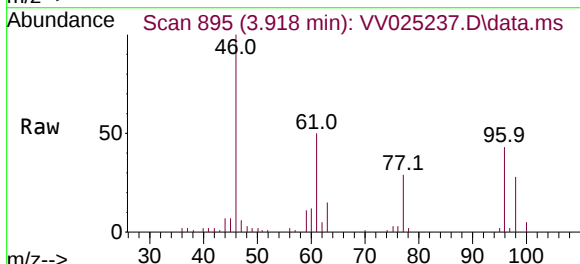
Instrument :
MSVOA_V
ClientSampleId :
C0PC2

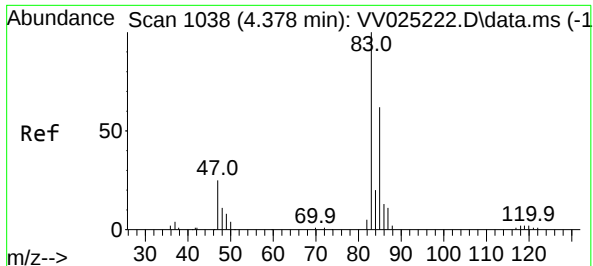
Tgt Ion: 96 Resp: 477
Ion Ratio Lower Upper
96 100
61 88.7 87.6 162.8
98 57.4 44.0 81.8



#22
cis-1,2-Dichloroethene
Concen: 1.272 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.003 min
Lab File: VV025237.D
Acq: 27 Mar 2022 06:52

Tgt Ion: 96 Resp: 13645
Ion Ratio Lower Upper
96 100
61 116.4 84.1 156.1
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.303 ug/L

RT: 4.381 min Scan# 1108

Delta R.T. 0.003 min

Lab File: VV025237.D

Acq: 27 Mar 2022 06:52

Instrument :

MSVOA_V

ClientSampleId :

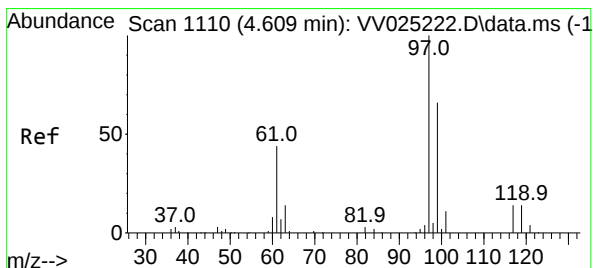
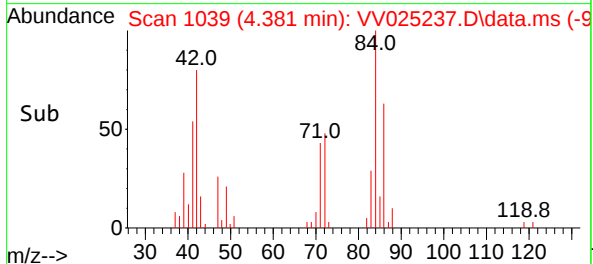
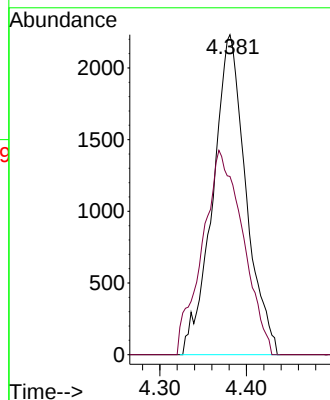
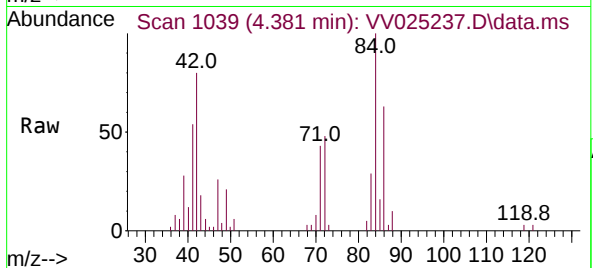
C0PC2

Tgt Ion: 83 Resp: 5924

Ion Ratio Lower Upper

83 100

85 55.7 44.7 82.9



#29

1,1,1-Trichloroethane

Concen: 0.032 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. -0.006 min

Lab File: VV025237.D

Acq: 27 Mar 2022 06:52

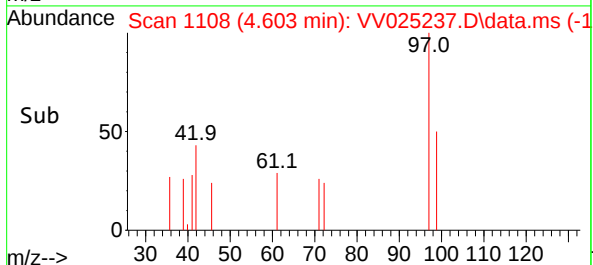
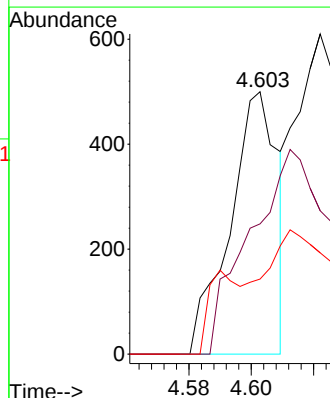
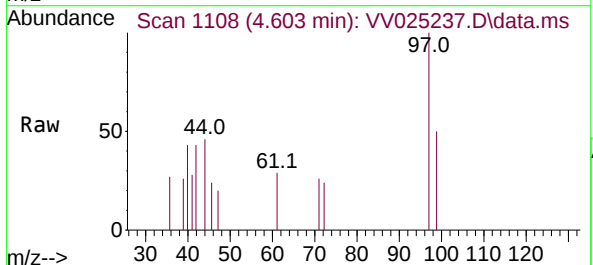
Tgt Ion: 97 Resp: 531

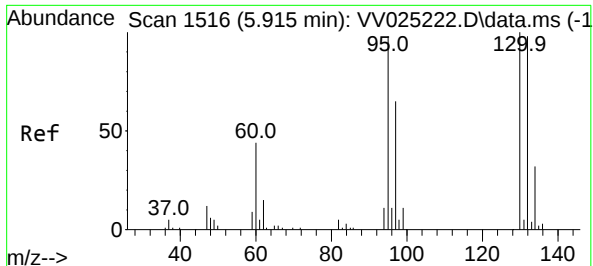
Ion Ratio Lower Upper

97 100

99 167.6 51.9 77.9#

61 79.3 34.2 51.2#



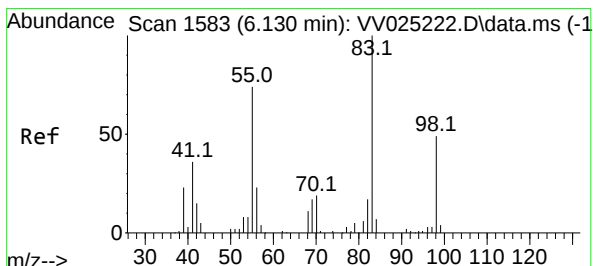
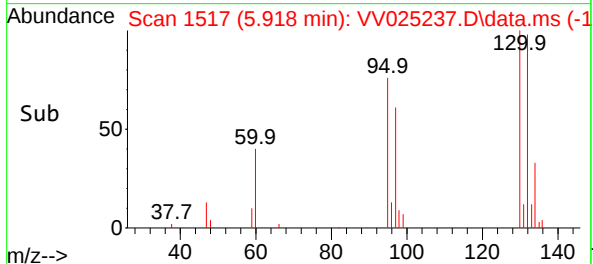
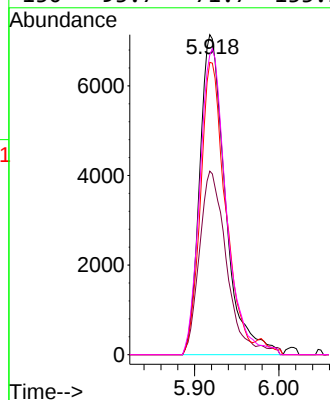
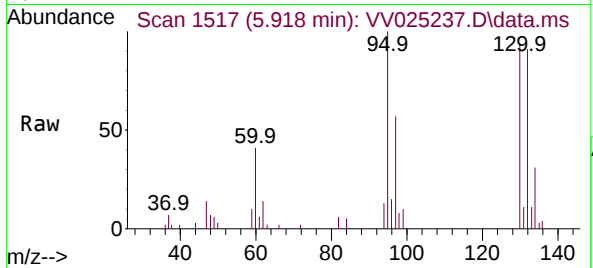


#34
Trichloroethene
Concen: 1.349 ug/L
RT: 5.918 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV025237.D
Acq: 27 Mar 2022 06:52

Instrument :
MSVOA_V
ClientSampleId :
C0PC2

Tgt Ion: 95 Resp: 15140

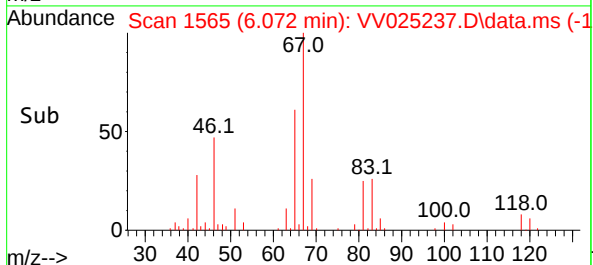
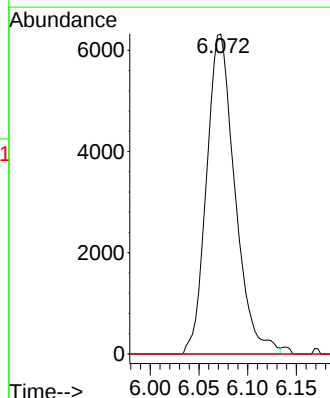
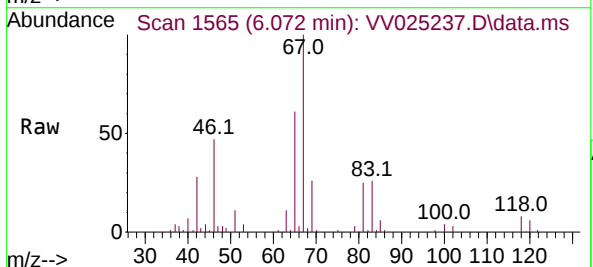
Ion	Ratio	Lower	Upper
95	100		
97	57.4	46.3	85.9
132	91.3	65.2	121.2
130	93.7	71.7	133.1

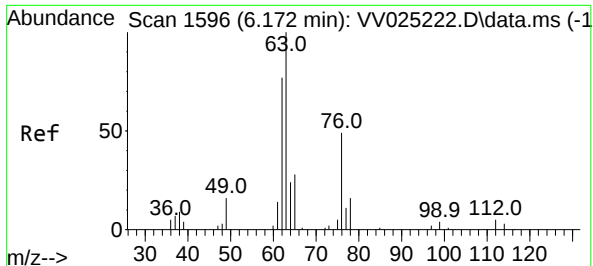


#35
Methylcyclohexane
Concen: 0.729 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.058 min
Lab File: VV025237.D
Acq: 27 Mar 2022 06:52

Tgt Ion: 83 Resp: 12821

Ion	Ratio	Lower	Upper
83	100		
55	0.0	54.6	81.8#
98	1.3	39.8	59.6#





#37

1,2-Dichloropropane

Concen: 0.574 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV025237.D

Acq: 27 Mar 2022 06:52

Instrument :

MSVOA_V

ClientSampleId :

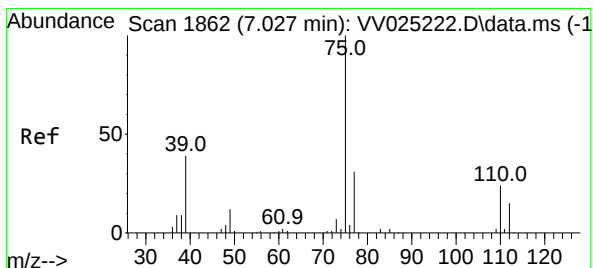
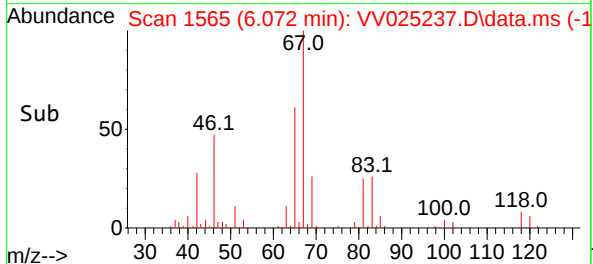
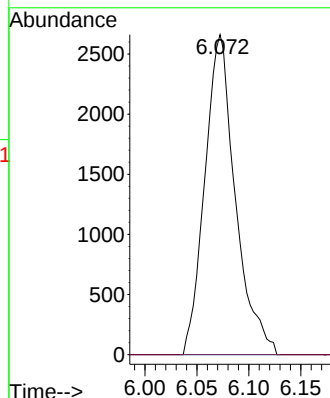
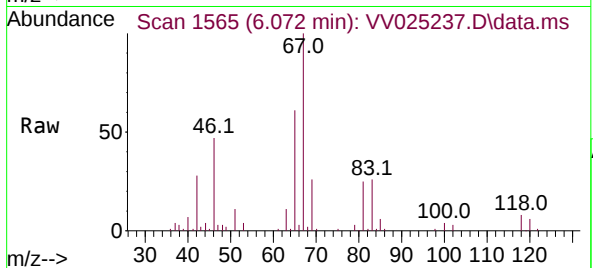
C0PC2

Tgt Ion: 63 Resp: 5441

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.2#



#39

cis-1,3-Dichloropropene

Concen: 0.101 ug/L

RT: 6.982 min Scan# 1848

Delta R.T. -0.045 min

Lab File: VV025237.D

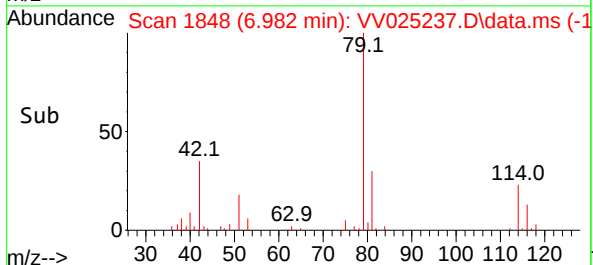
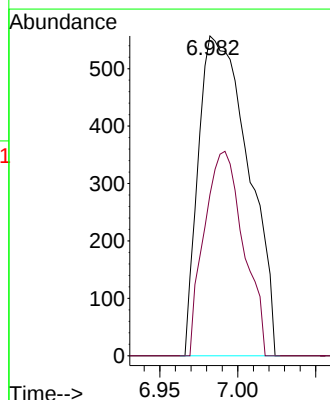
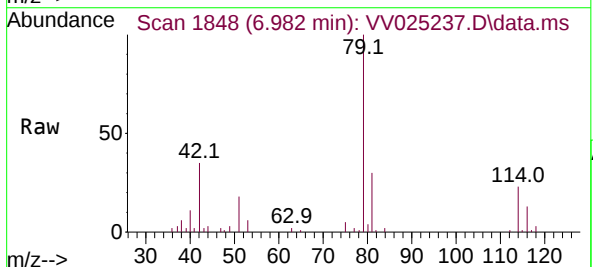
Acq: 27 Mar 2022 06:52

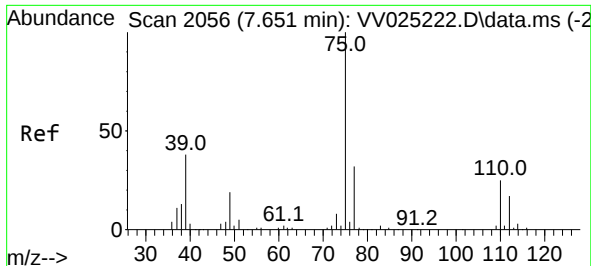
Tgt Ion: 75 Resp: 1238

Ion Ratio Lower Upper

75 100

77 50.4 22.1 41.1#

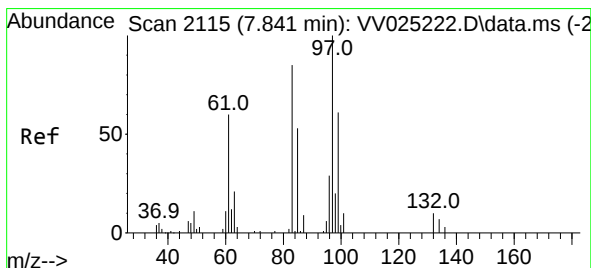
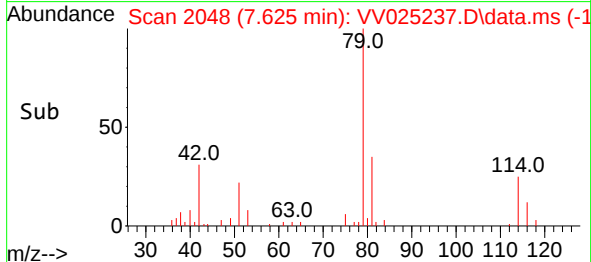
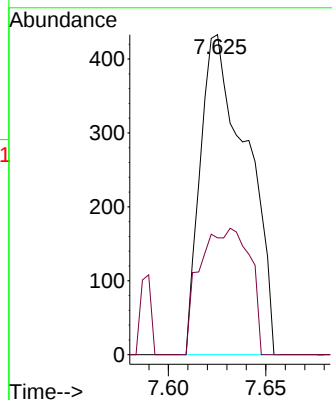
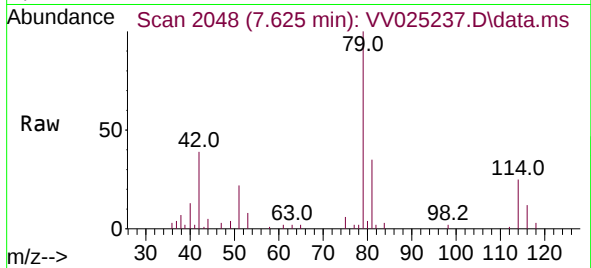




#44
trans-1,3-Dichloropropene
Concen: 0.074 ug/L
RT: 7.625 min Scan# 2048
Delta R.T. -0.026 min
Lab File: VV025237.D
Acq: 27 Mar 2022 06:52

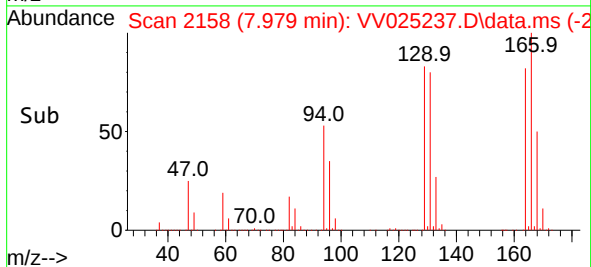
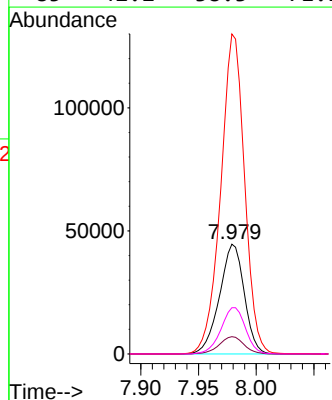
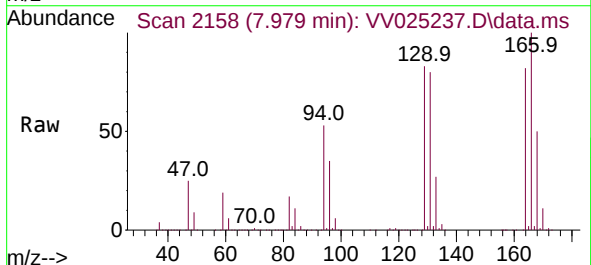
Instrument :
MSVOA_V
ClientSampleId :
C0PC2

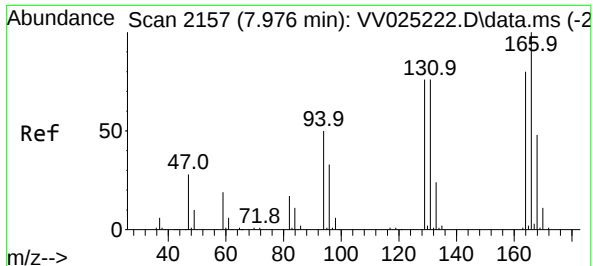
Tgt Ion: 75 Resp: 717
Ion Ratio Lower Upper
75 100
77 36.5 24.2 45.0



#45
1,1,2-Trichloroethane
Concen: 10.272 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.138 min
Lab File: VV025237.D
Acq: 27 Mar 2022 06:52

Tgt Ion: 97 Resp: 66683
Ion Ratio Lower Upper
97 100
99 15.8 43.3 80.5#
83 291.6 58.0 107.6#
85 42.2 38.3 71.1





#47

Tetrachloroethene

Concen: 873.210 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. 0.006 min

Lab File: VV025237.D

Acq: 27 Mar 2022 06:52

Instrument :

MSVOA_V

ClientSampleId :

C0PC2

Tgt Ion:164 Resp: 7226909

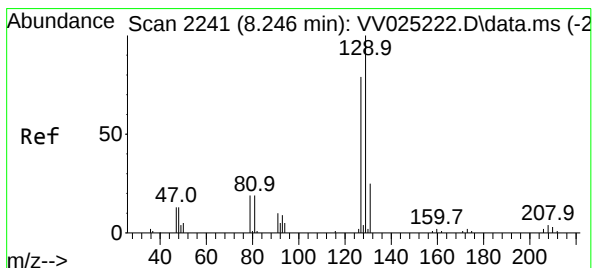
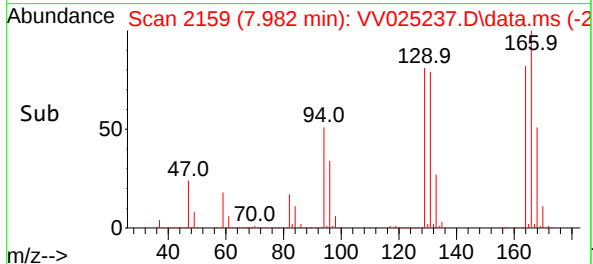
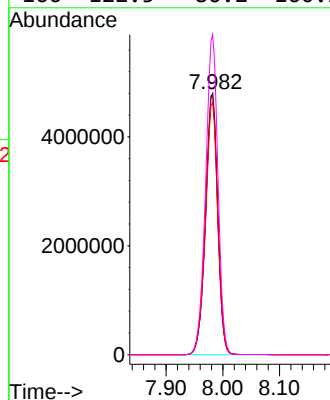
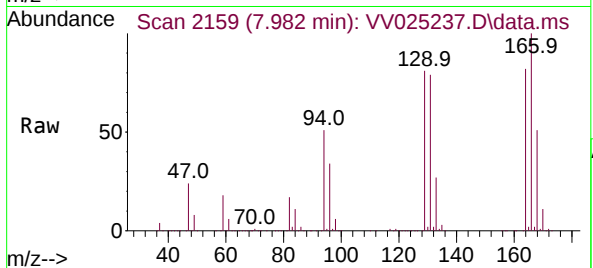
Ion Ratio Lower Upper

164 100

129 99.7 67.5 125.4

131 96.6 68.0 126.4

166 122.5 86.2 160.2



#49

Dibromochloromethane

Concen: 1017.682 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. -0.264 min

Lab File: VV025237.D

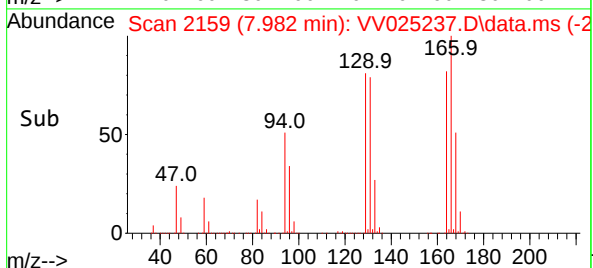
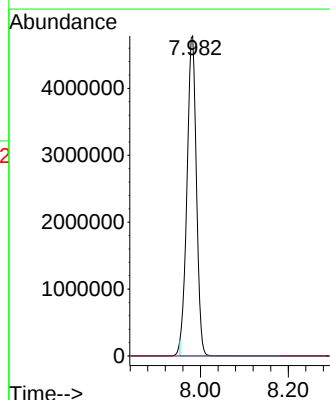
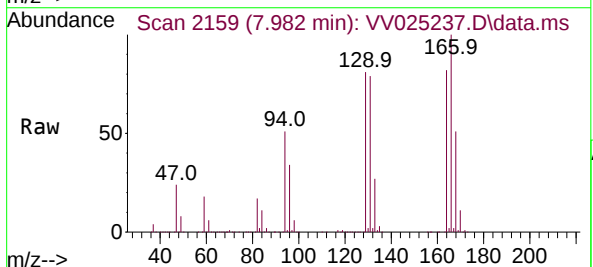
Acq: 27 Mar 2022 06:52

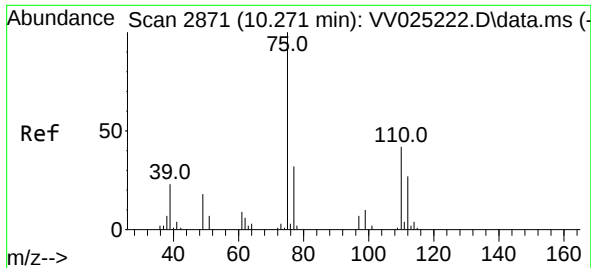
Tgt Ion:129 Resp: 7109583

Ion Ratio Lower Upper

129 100

127 0.0 54.1 100.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.752 ug/L
 RT: 11.249 min Scan# 31
 Delta R.T. 0.977 min
 Lab File: VV025237.D
 Acq: 27 Mar 2022 06:52

Instrument :
 MSVOA_V
 ClientSampleId :
 C0PC2

Tgt Ion: 75 Resp: 8029
 Ion Ratio Lower Upper
 75 100
 77 29.1 25.8 38.6
 110 1.8 31.6 47.4#

