

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032622\
 Data File : VW025241.D
 Acq On : 27 Mar 2022 08:25
 Operator : SY/MD
 Sample : N2110-13
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0PD2

Quant Time: Mar 28 03:50:25 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)

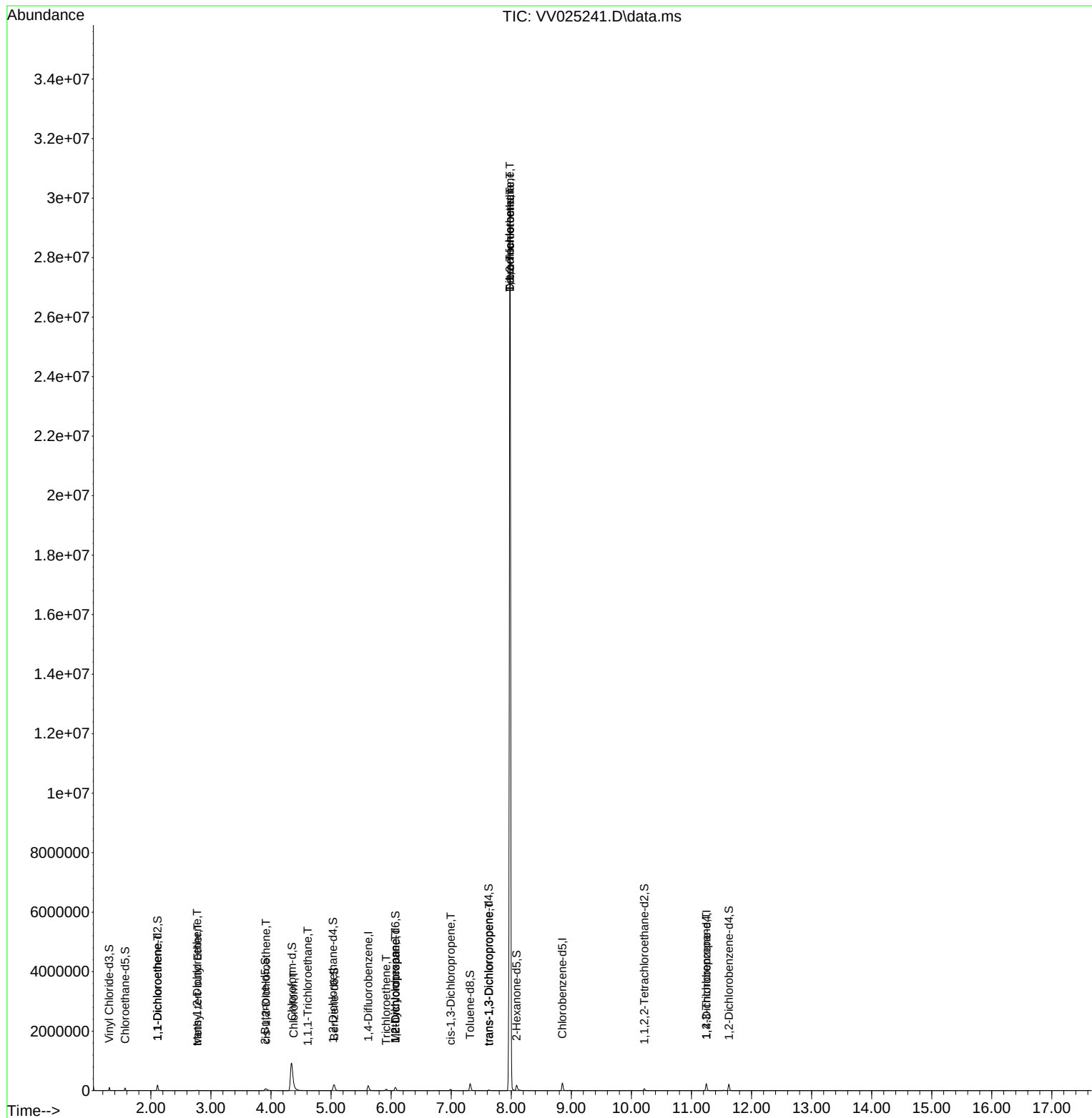
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	149862	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	143614	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	60819	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	61032	4.360	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.200%
7) Chloroethane-d5	1.571	69	54844	4.668	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.400%
11) 1,1-Dichloroethene-d2	2.111	63	95237	3.141	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.800%
20) 2-Butanone-d5	3.902	46	71803	51.494	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.980%
24) Chloroform-d	4.349	84	94467	5.171	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.400%
26) 1,2-Dichloroethane-d4	5.034	65	42823	5.303	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.000%
32) Benzene-d6	5.053	84	187300	5.155	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.200%
36) 1,2-Dichloropropane-d6	6.072	67	53767	5.280	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.600%
41) Toluene-d8	7.317	98	159112	4.774	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
43) trans-1,3-Dichloroprop...	7.625	79	14587	4.391	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.800%
46) 2-Hexanone-d5	8.088	63	64993	54.174	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.340%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	31980	4.710	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	53838	5.512	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.200%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.114	96	1316	0.087	ug/L #	1
17) Methyl tert-butyl Ether	2.777	73	11278	0.591	ug/L	96
18) trans-1,2-Dichloroethene	2.770	96	468	0.043	ug/L	88
22) cis-1,2-Dichloroethene	3.918	96	19731	1.793	ug/L	96
25) Chloroform	4.378	83	5959	0.297	ug/L	93
29) 1,1,1-Trichloroethane	4.613	97	426	0.025	ug/L #	51
34) Trichloroethene	5.918	95	15494	1.340	ug/L	95
35) Methylcyclohexane	6.069	83	13536	0.747	ug/L #	22
37) 1,2-Dichloropropane	6.072	63	5722	0.586	ug/L #	84
39) cis-1,3-Dichloropropene	6.992	75	1317	0.104	ug/L	87
44) trans-1,3-Dichloropropene	7.632	75	889	0.089	ug/L	96
45) 1,1,2-Trichloroethane	7.979	97	52282	7.814	ug/L #	1
47) Tetrachloroethene	7.979	164	5761678	675.500	ug/L	99
49) Dibromochloromethane	7.979	129	5616697	780.116	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	7851	1.706	ug/L #	65

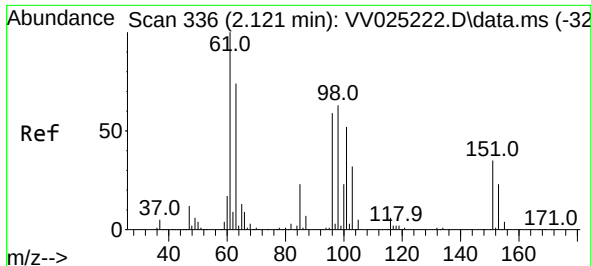
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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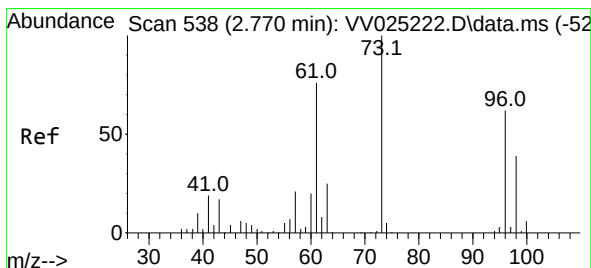
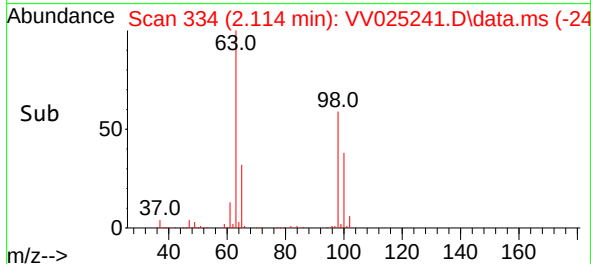
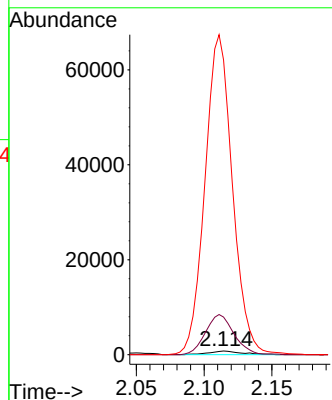
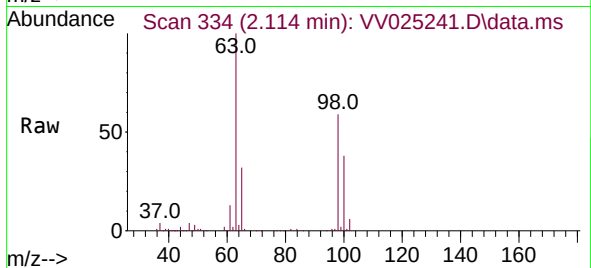




#12
 1,1-Dichloroethene
 Concen: 0.087 ug/L
 RT: 2.114 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VV025241.D
 Acq: 27 Mar 2022 08:25

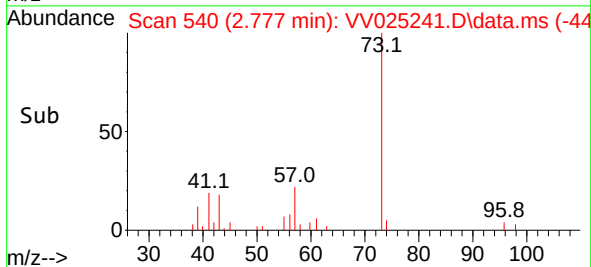
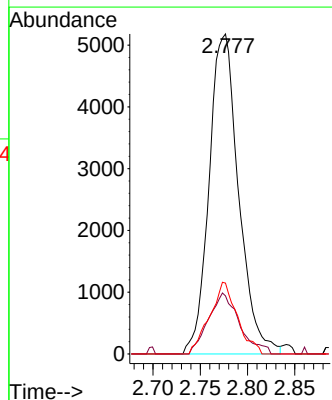
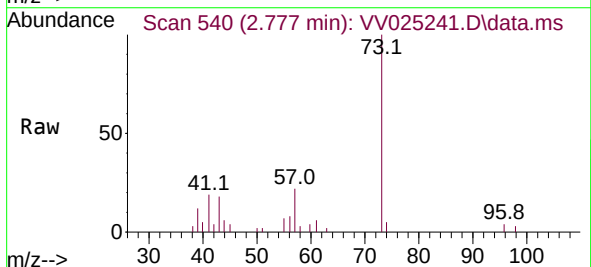
Instrument :
 MSVOA_V
 ClientSampleId :
 C0PD2

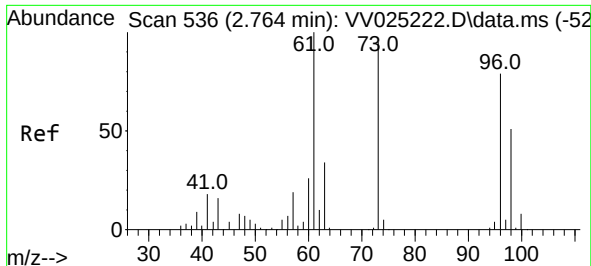
Tgt Ion: 96 Resp: 1316
 Ion Ratio Lower Upper
 96 100
 61 1033.6 121.5 225.7#
 63 8116.1 77.9 144.7#



#17
 Methyl tert-butyl Ether
 Concen: 0.591 ug/L
 RT: 2.777 min Scan# 540
 Delta R.T. 0.007 min
 Lab File: VV025241.D
 Acq: 27 Mar 2022 08:25

Tgt Ion: 73 Resp: 11278
 Ion Ratio Lower Upper
 73 100
 43 20.0 13.5 20.3
 57 20.8 16.4 24.6

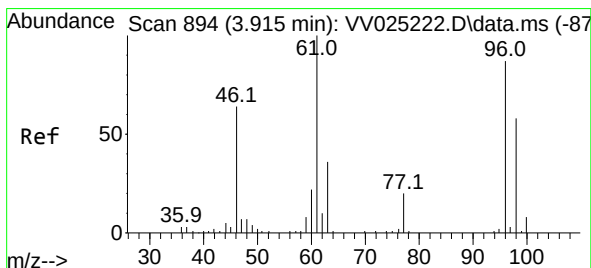
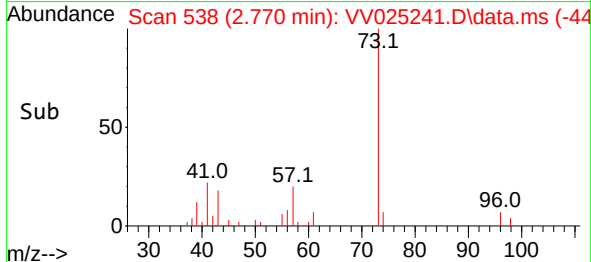
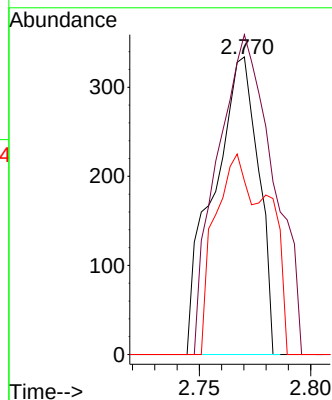
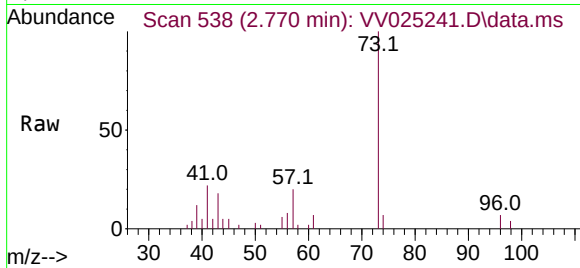




#18
trans-1,2-Dichloroethene
Concen: 0.043 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.007 min
Lab File: VV025241.D
Acq: 27 Mar 2022 08:25

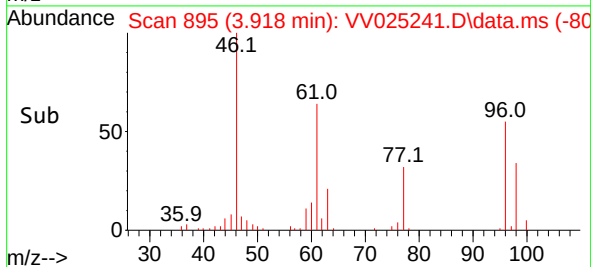
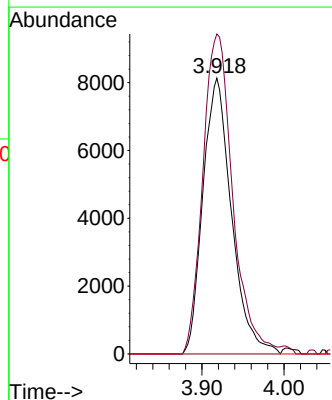
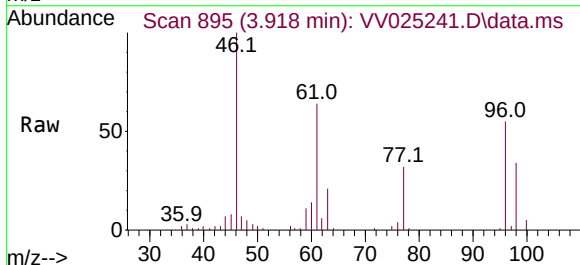
Instrument :
MSVOA_V
ClientSampleId :
C0PD2

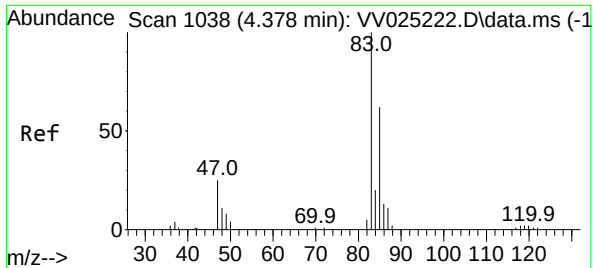
Tgt Ion: 96 Resp: 468
Ion Ratio Lower Upper
96 100
61 107.5 87.6 162.8
98 58.4 44.0 81.8



#22
cis-1,2-Dichloroethene
Concen: 1.793 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.003 min
Lab File: VV025241.D
Acq: 27 Mar 2022 08:25

Tgt Ion: 96 Resp: 19731
Ion Ratio Lower Upper
96 100
61 116.0 84.1 156.1
68 0.0 0.0 0.0

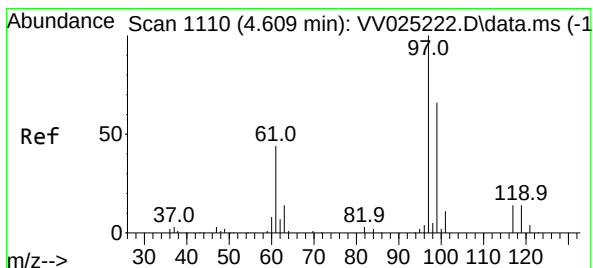
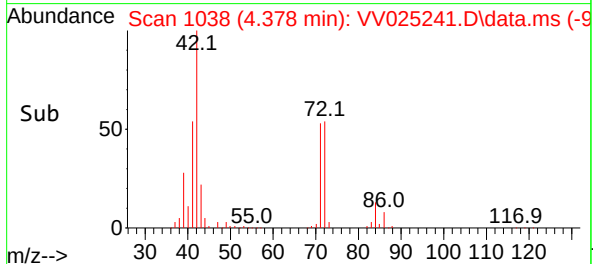
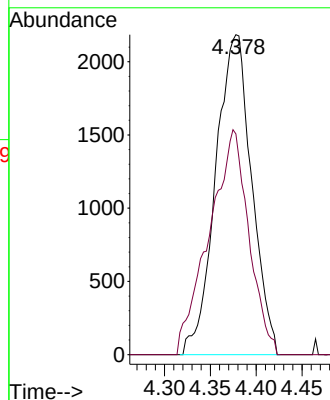
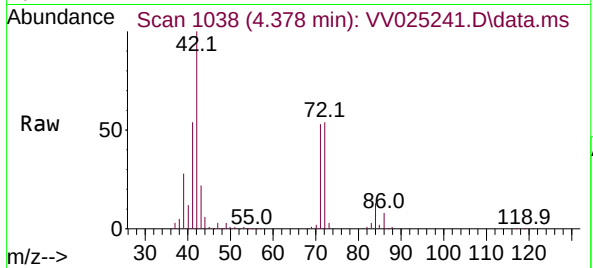




#25
Chloroform
Concen: 0.297 ug/L
RT: 4.378 min Scan# 1103
Delta R.T. 0.000 min
Lab File: VV025241.D
Acq: 27 Mar 2022 08:25

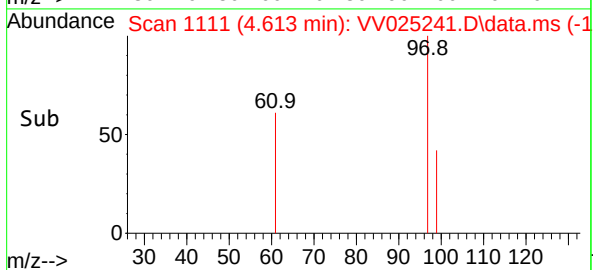
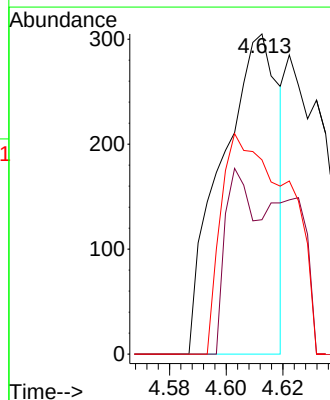
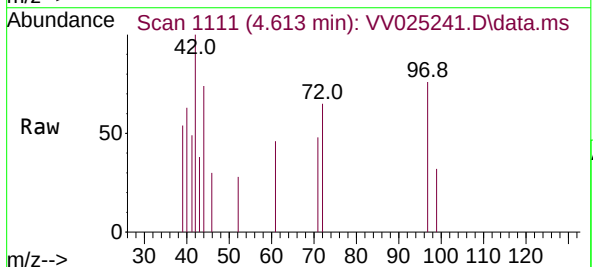
Instrument :
MSVOA_V
ClientSampleId :
C0PD2

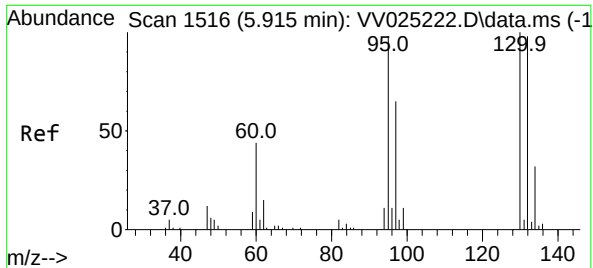
Tgt Ion: 83 Resp: 5959
Ion Ratio Lower Upper
83 100
85 69.0 44.7 82.9



#29
1,1,1-Trichloroethane
Concen: 0.025 ug/L
RT: 4.613 min Scan# 1111
Delta R.T. 0.003 min
Lab File: VV025241.D
Acq: 27 Mar 2022 08:25

Tgt Ion: 97 Resp: 426
Ion Ratio Lower Upper
97 100
99 32.9 51.9 77.9#
61 81.5 34.2 51.2#



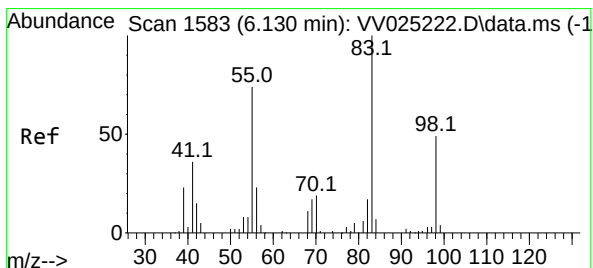
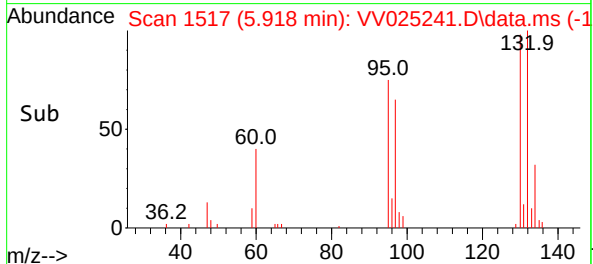
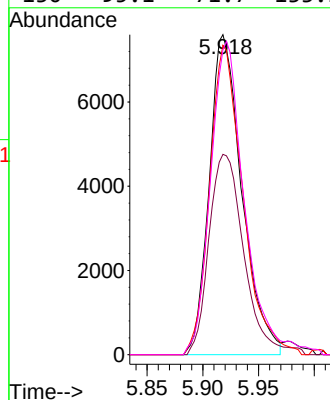
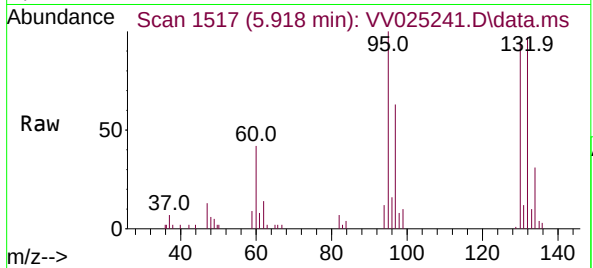


#34
Trichloroethene
Concen: 1.340 ug/L
RT: 5.918 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV025241.D
Acq: 27 Mar 2022 08:25

Instrument :
MSVOA_V
ClientSampleId :
C0PD2

Tgt Ion: 95 Resp: 15494

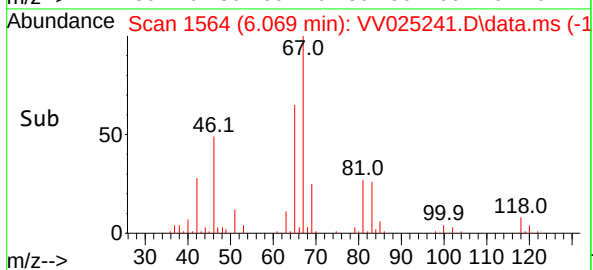
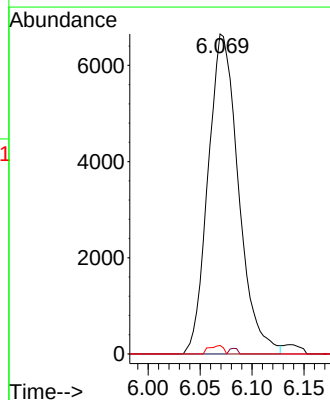
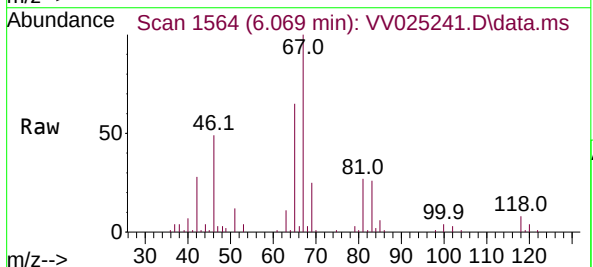
Ion	Ratio	Lower	Upper
95	100		
97	62.6	46.3	85.9
132	96.7	65.2	121.2
130	95.1	71.7	133.1

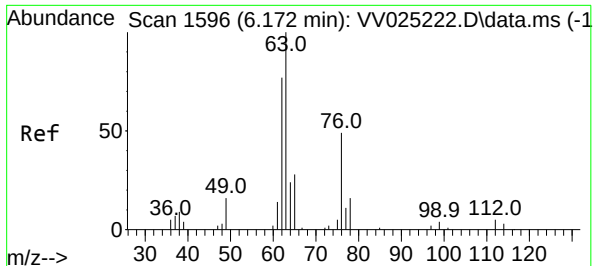


#35
Methylcyclohexane
Concen: 0.747 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.061 min
Lab File: VV025241.D
Acq: 27 Mar 2022 08:25

Tgt Ion: 83 Resp: 13536

Ion	Ratio	Lower	Upper
83	100		
55	0.5	54.6	81.8#
98	1.2	39.8	59.6#





#37

1,2-Dichloropropane

Concen: 0.586 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV025241.D

Acq: 27 Mar 2022 08:25

Instrument :

MSVOA_V

ClientSampleId :

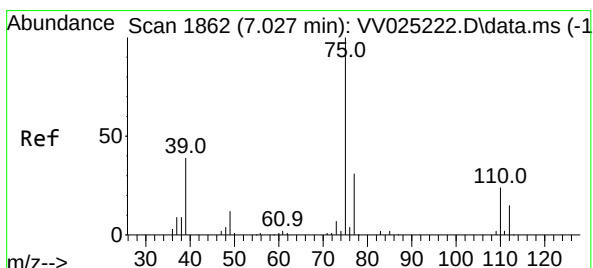
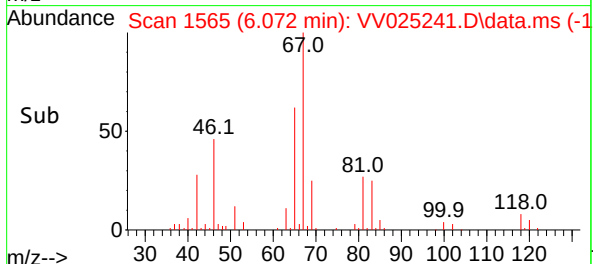
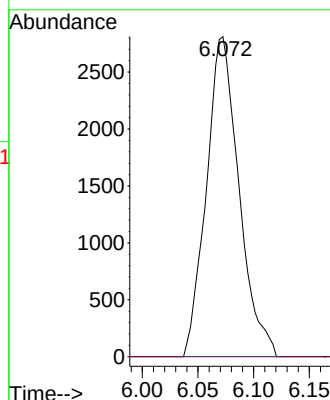
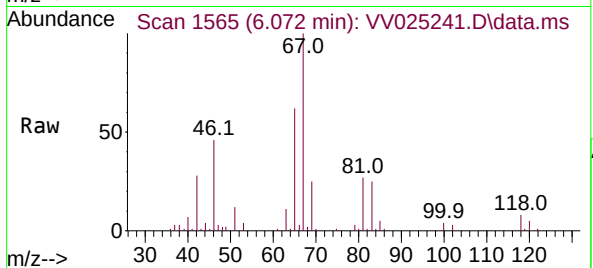
C0PD2

Tgt Ion: 63 Resp: 5722

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.2#



#39

cis-1,3-Dichloropropene

Concen: 0.104 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.035 min

Lab File: VV025241.D

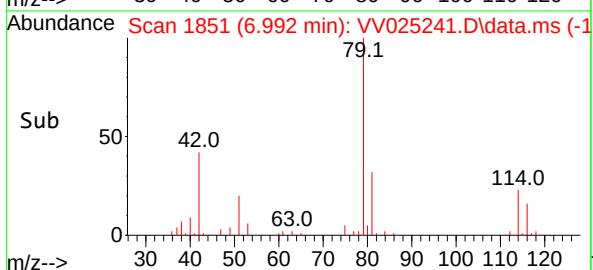
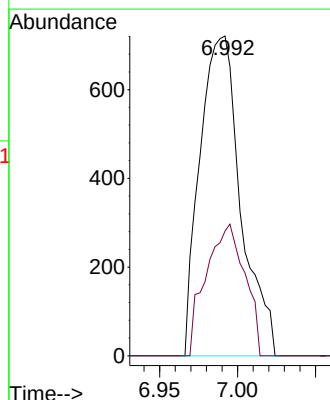
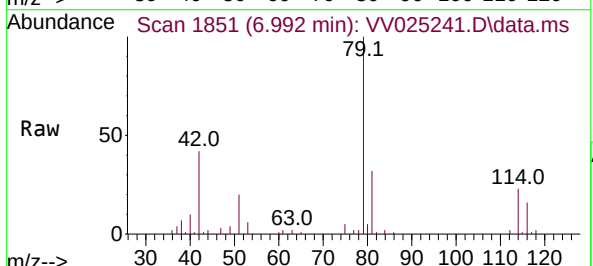
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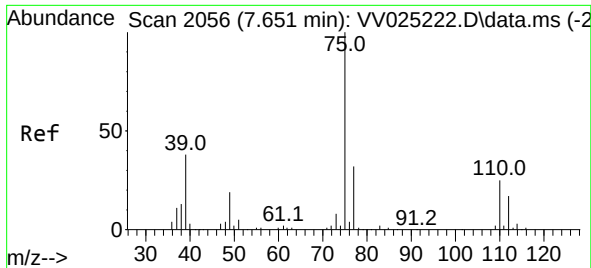
Tgt Ion: 75 Resp: 1317

Ion Ratio Lower Upper

75 100

77 39.0 22.1 41.1

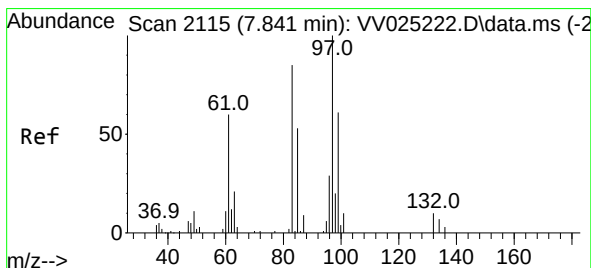
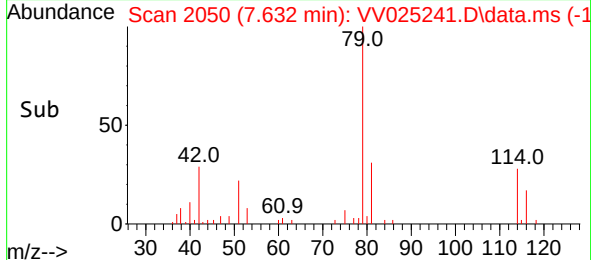
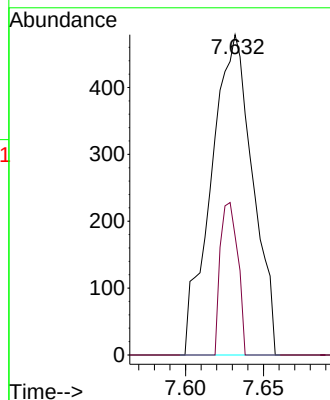
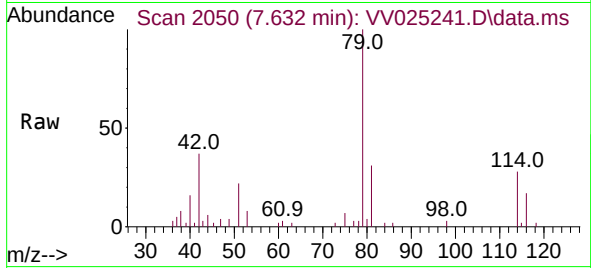




#44
trans-1,3-Dichloropropene
Concen: 0.089 ug/L
RT: 7.632 min Scan# 2050
Delta R.T. -0.019 min
Lab File: VV025241.D
Acq: 27 Mar 2022 08:25

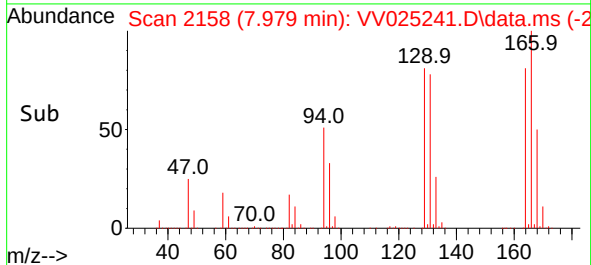
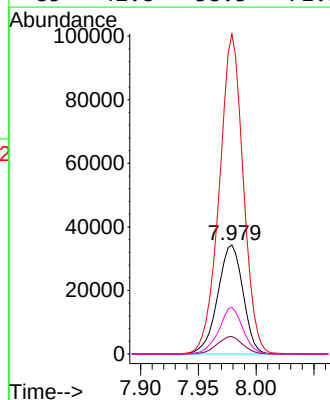
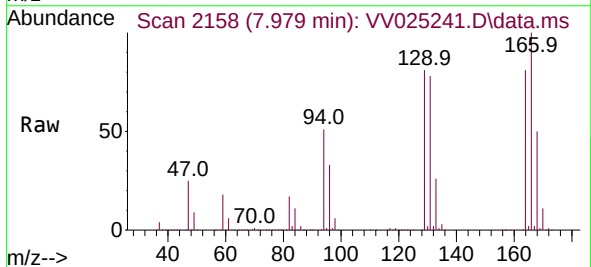
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C0PD2

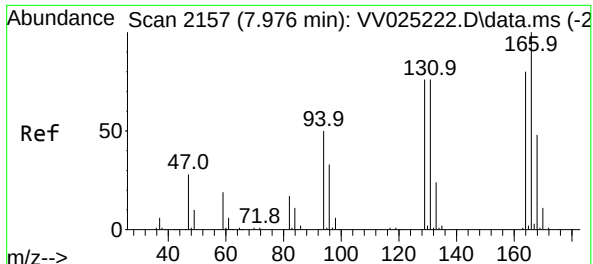
Tgt Ion: 75 Resp: 889
Ion Ratio Lower Upper
75 100
77 37.2 24.2 45.0



#45
1,1,2-Trichloroethane
Concen: 7.814 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.138 min
Lab File: VV025241.D
Acq: 27 Mar 2022 08:25

Tgt Ion: 97 Resp: 52282
Ion Ratio Lower Upper
97 100
99 16.1 43.3 80.5#
83 293.6 58.0 107.6#
85 42.8 38.3 71.1





#47

Tetrachloroethene

Concen: 675.500 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.003 min

Lab File: VV025241.D

Acq: 27 Mar 2022 08:25

Instrument :

MSVOA_V

ClientSampleId :

C0PD2

Tgt Ion:164 Resp: 5761678

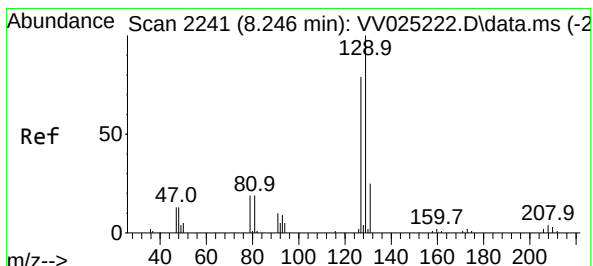
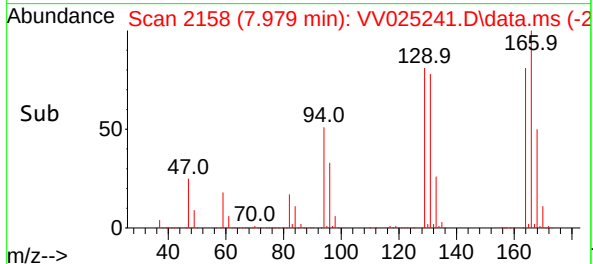
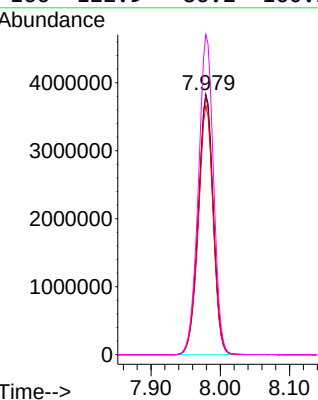
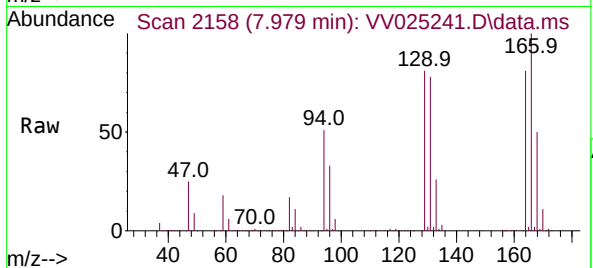
Ion Ratio Lower Upper

164 100

129 99.5 67.5 125.4

131 95.7 68.0 126.4

166 122.9 86.2 160.2



#49

Dibromochloromethane

Concen: 780.116 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.267 min

Lab File: VV025241.D

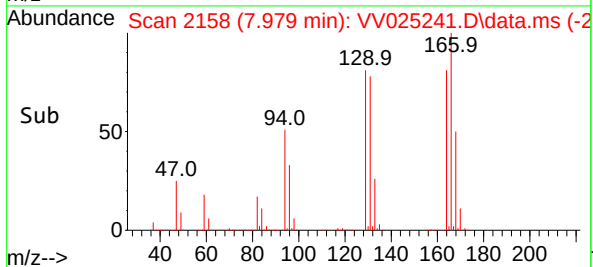
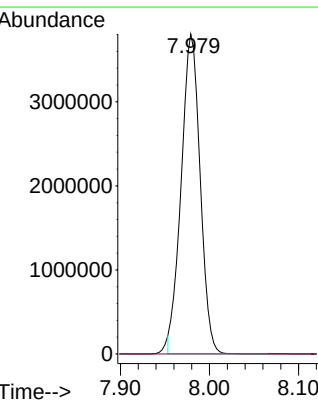
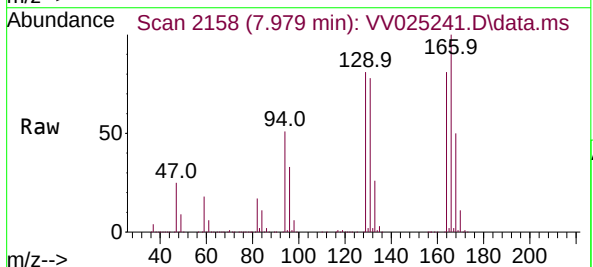
Acq: 27 Mar 2022 08:25

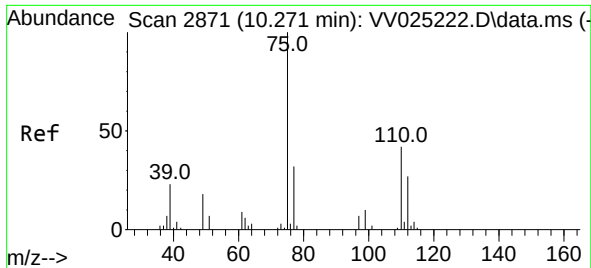
Tgt Ion:129 Resp: 5616697

Ion Ratio Lower Upper

129 100

127 0.0 54.1 100.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.706 ug/L
 RT: 11.246 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV025241.D
 Acq: 27 Mar 2022 08:25

Instrument :
 MSVOA_V
 ClientSampleId :
 C0PD2

Tgt Ion: 75 Resp: 7851
 Ion Ratio Lower Upper
 75 100
 77 34.1 25.8 38.6
 110 2.3 31.6 47.4#

