

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032622\
 Data File : VW025231.D
 Acq On : 27 Mar 2022 04:31
 Operator : SY/MD
 Sample : N2110-03
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0PB3

Quant Time: Mar 28 03:48:23 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)

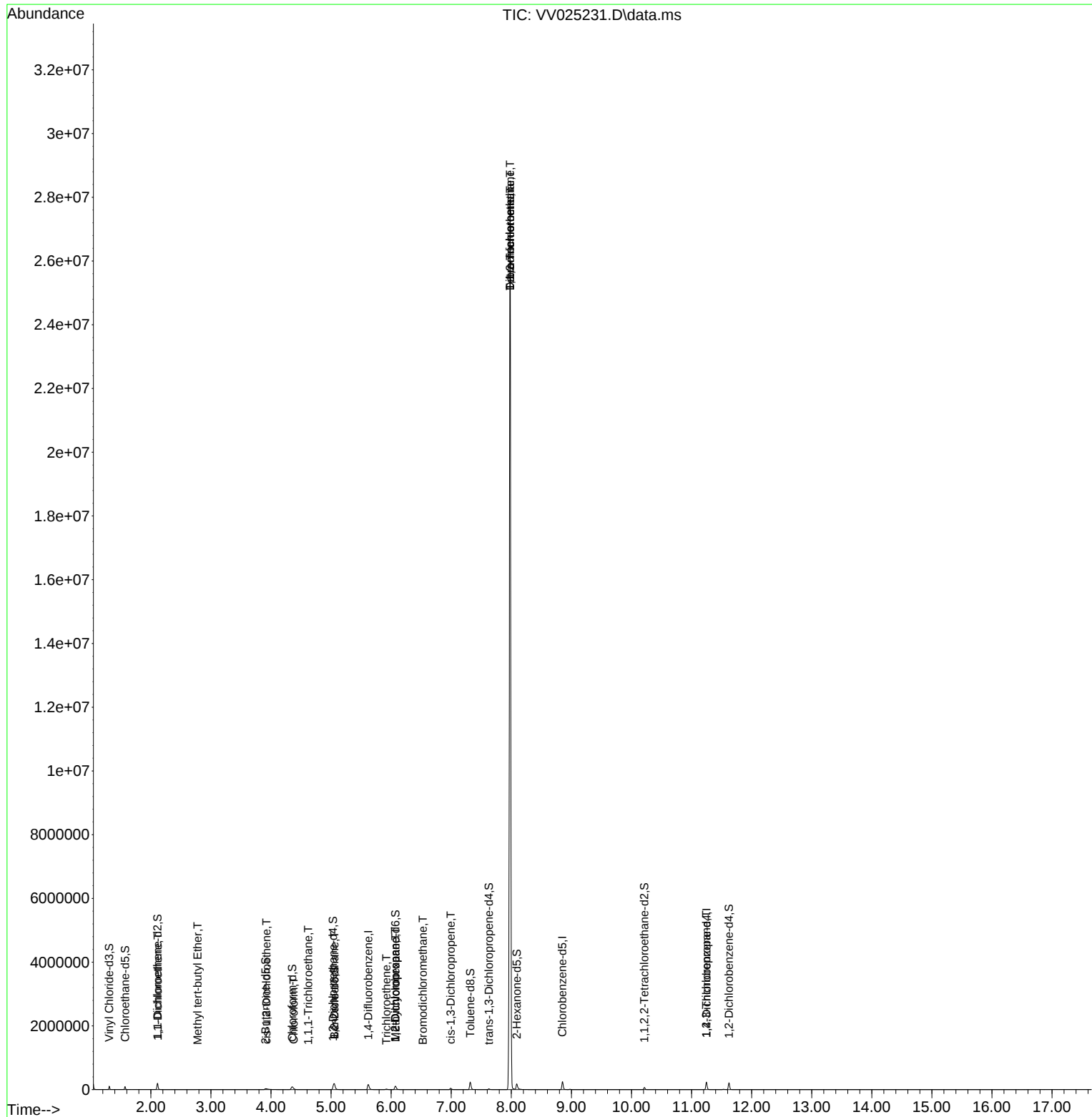
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	145592	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	138341	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	59453	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	62157	4.570	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.400%
7) Chloroethane-d5	1.571	69	56237	4.927	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.600%
11) 1,1-Dichloroethene-d2	2.111	63	101023	3.429	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.600%
20) 2-Butanone-d5	3.908	46	64096	47.315	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.620%
24) Chloroform-d	4.352	84	91563	5.159	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.200%
26) 1,2-Dichloroethane-d4	5.034	65	42212	5.381	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.600%
32) Benzene-d6	5.053	84	182899	5.226	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.600%
36) 1,2-Dichloropropane-d6	6.072	67	52660	5.369	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.400%
41) Toluene-d8	7.317	98	159229	4.960	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
43) trans-1,3-Dichloroprop...	7.625	79	14635	4.574	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.400%
46) 2-Hexanone-d5	8.092	63	65376	56.570	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.140%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	32068	4.903	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	54291	5.686	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.800%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.118	96	1711	0.117	ug/L #	1
17) Methyl tert-butyl Ether	2.780	73	4612	0.249	ug/L #	90
22) cis-1,2-Dichloroethene	3.925	96	1239	0.116	ug/L	86
25) Chloroform	4.378	83	11204	0.575	ug/L	95
27) 1,2-Dichloroethane	5.053	62	1048	0.104	ug/L #	73
29) 1,1,1-Trichloroethane	4.619	97	748	0.045	ug/L #	86
34) Trichloroethene	5.921	95	5235	0.470	ug/L	94
35) Methylcyclohexane	6.072	83	13097	0.750	ug/L #	22
37) 1,2-Dichloropropane	6.069	63	6396	0.680	ug/L #	86
38) Bromodichloromethane	6.529	83	566	0.047	ug/L #	80
39) cis-1,3-Dichloropropene	6.992	75	1212	0.099	ug/L #	47
45) 1,1,2-Trichloroethane	7.979	97	49034	7.608	ug/L #	1
47) Tetrachloroethene	7.979	164	5354064	651.637	ug/L	98
49) Dibromochloromethane	7.979	129	5250135	756.998	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	7810	1.736	ug/L #	66

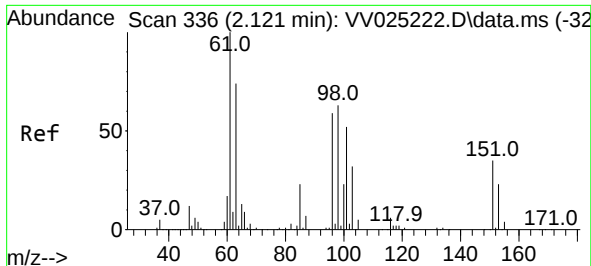
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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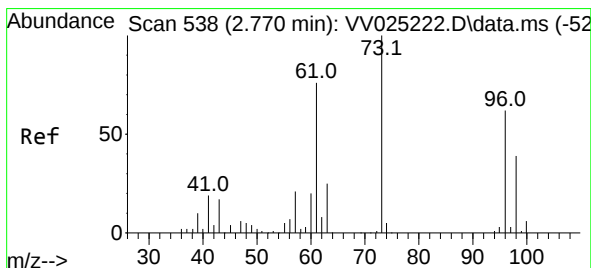
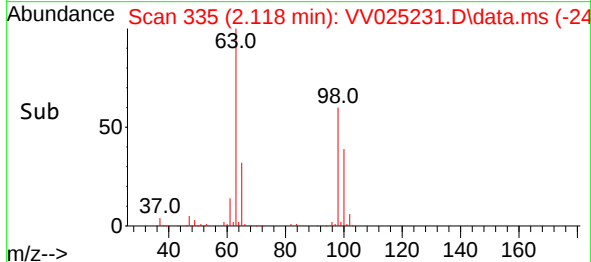
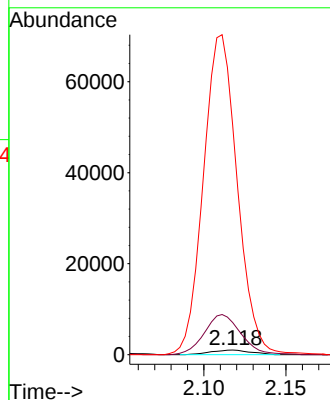
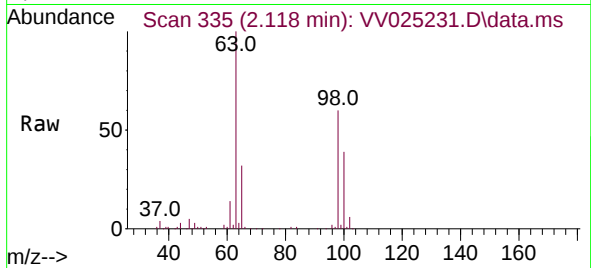




#12
 1,1-Dichloroethene
 Concen: 0.117 ug/L
 RT: 2.118 min Scan# 311
 Delta R.T. -0.003 min
 Lab File: VV025231.D
 Acq: 27 Mar 2022 04:31

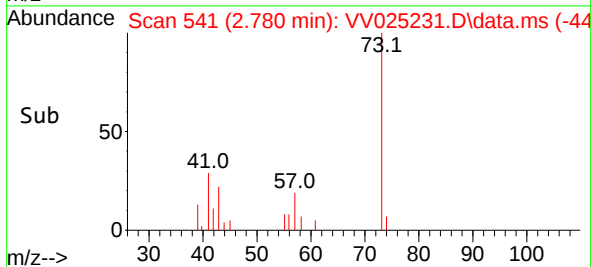
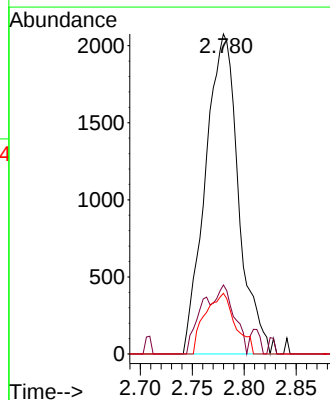
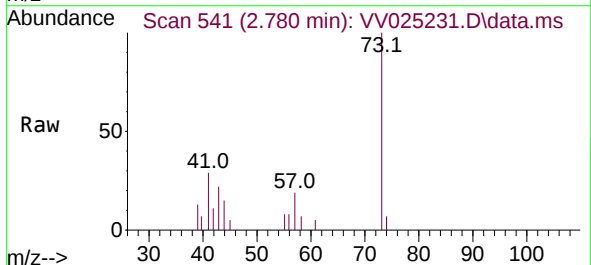
Instrument :
 MSVOA_V
 ClientSampleId :
 C0PB3

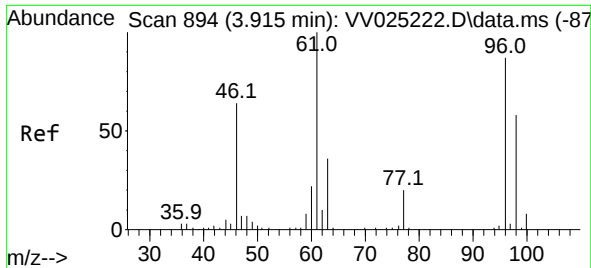
Tgt Ion: 96 Resp: 1711
 Ion Ratio Lower Upper
 96 100
 61 685.5 121.5 225.7#
 63 4887.6 77.9 144.7#



#17
 Methyl tert-butyl Ether
 Concen: 0.249 ug/L
 RT: 2.780 min Scan# 541
 Delta R.T. 0.010 min
 Lab File: VV025231.D
 Acq: 27 Mar 2022 04:31

Tgt Ion: 73 Resp: 4612
 Ion Ratio Lower Upper
 73 100
 43 11.4 13.5 20.3#
 57 17.2 16.4 24.6

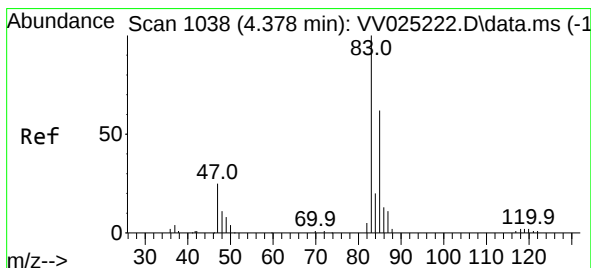
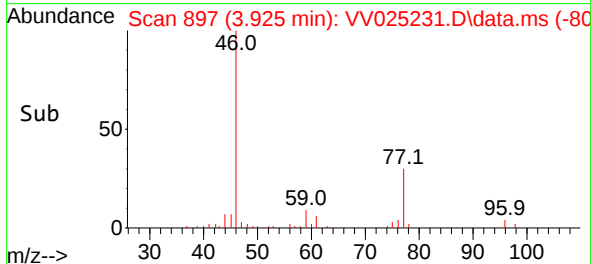
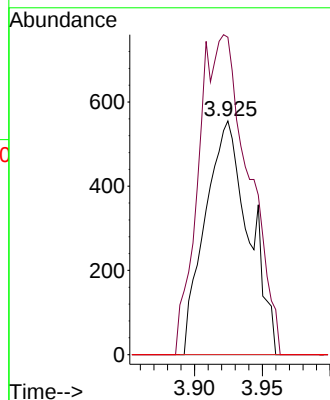
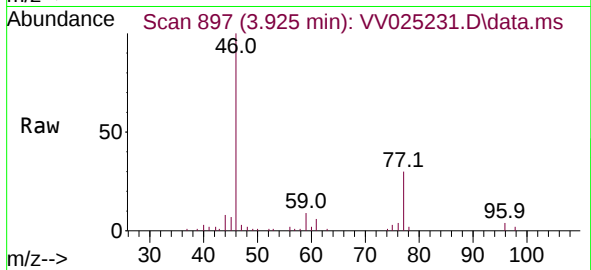




#22
cis-1,2-Dichloroethene
Concen: 0.116 ug/L
RT: 3.925 min Scan# 894
Delta R.T. 0.010 min
Lab File: VV025231.D
Acq: 27 Mar 2022 04:31

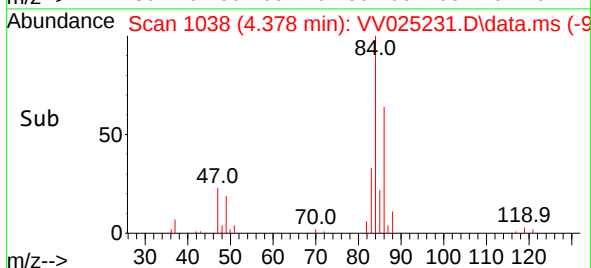
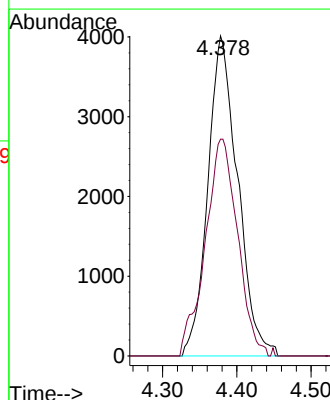
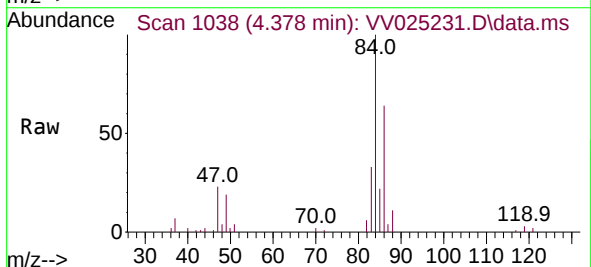
Instrument :
MSVOA_V
ClientSampleId :
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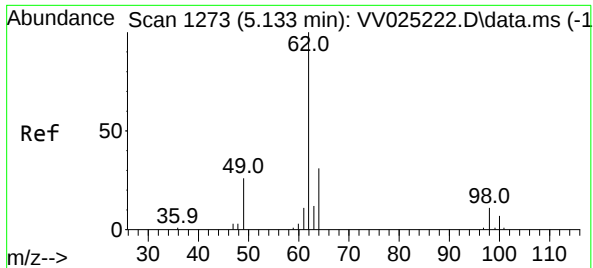
Tgt Ion: 96 Resp: 1239
Ion Ratio Lower Upper
96 100
61 135.9 84.1 156.1
68 0.0 0.0 0.0



#25
Chloroform
Concen: 0.575 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VV025231.D
Acq: 27 Mar 2022 04:31

Tgt Ion: 83 Resp: 11204
Ion Ratio Lower Upper
83 100
85 67.7 44.7 82.9

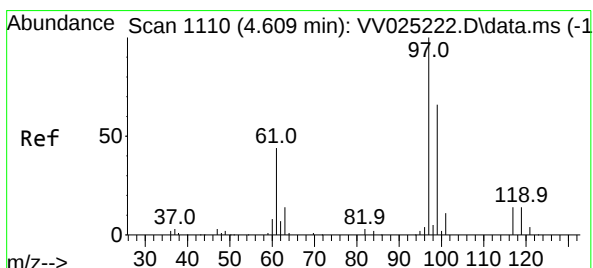
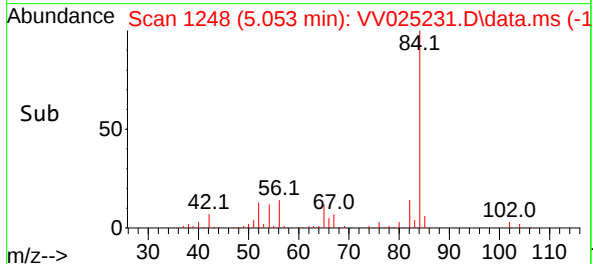
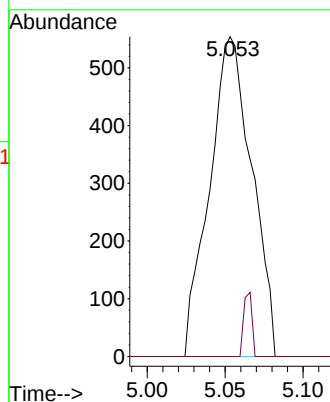
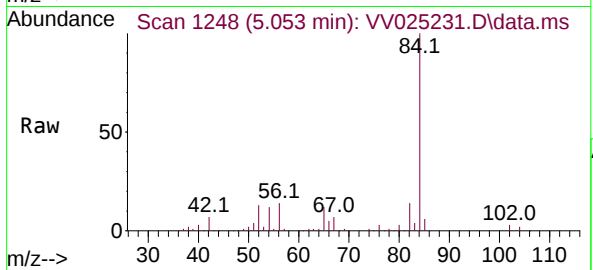




#27
1,2-Dichloroethane
Concen: 0.104 ug/L
RT: 5.053 min Scan# 1113
Delta R.T. -0.080 min
Lab File: VV025231.D
Acq: 27 Mar 2022 04:31

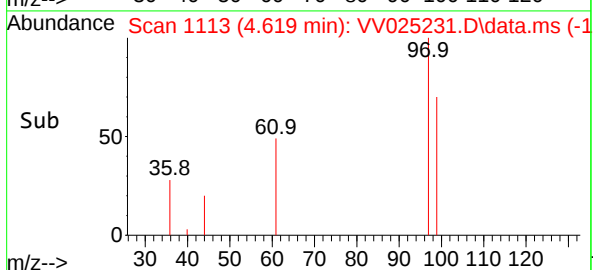
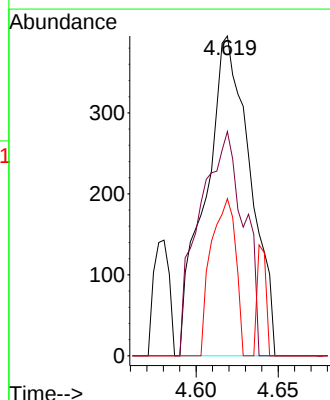
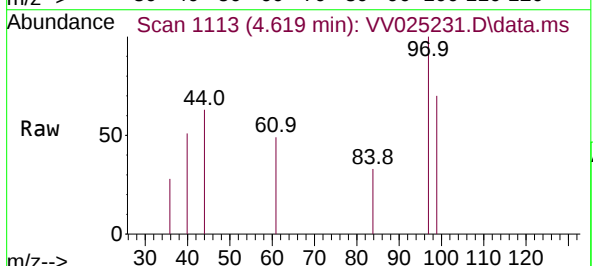
Instrument :
MSVOA_V
ClientSampleId :
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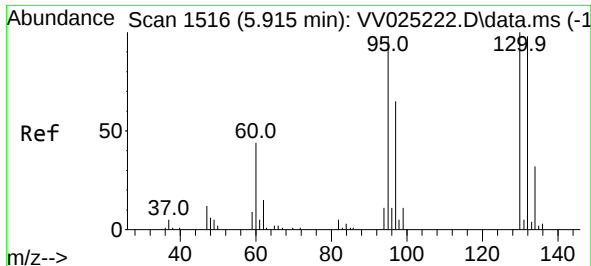
Tgt Ion: 62 Resp: 1048
Ion Ratio Lower Upper
62 100
98 0.0 7.9 11.9#



#29
1,1,1-Trichloroethane
Concen: 0.045 ug/L
RT: 4.619 min Scan# 1113
Delta R.T. 0.010 min
Lab File: VV025231.D
Acq: 27 Mar 2022 04:31

Tgt Ion: 97 Resp: 748
Ion Ratio Lower Upper
97 100
99 69.8 51.9 77.9
61 27.0 34.2 51.2#

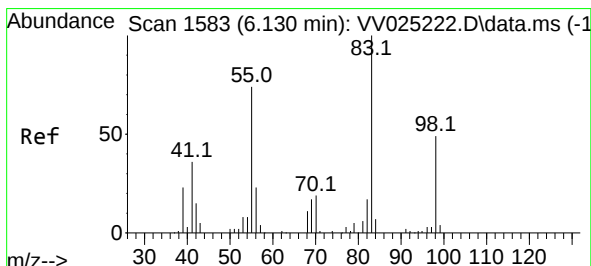
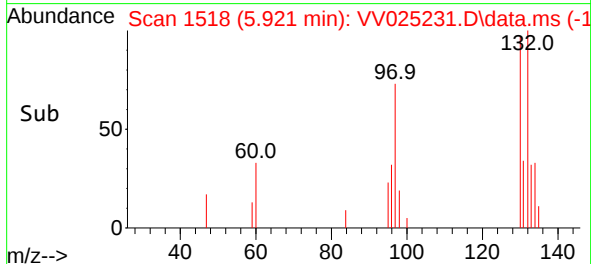
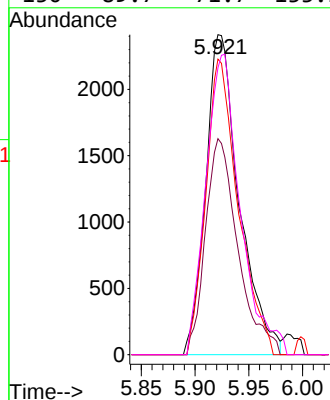
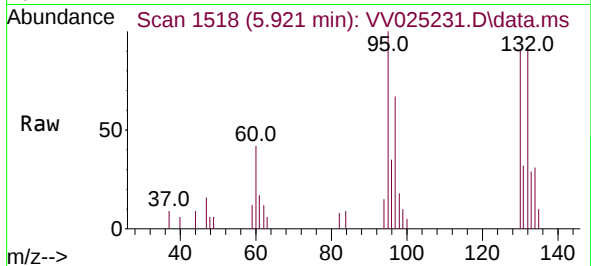




#34
Trichloroethene
Concen: 0.470 ug/L
RT: 5.921 min Scan# 11
Delta R.T. 0.007 min
Lab File: VV025231.D
Acq: 27 Mar 2022 04:31

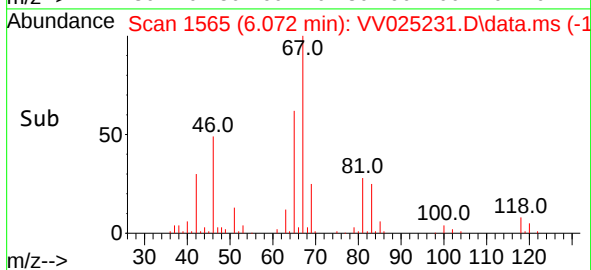
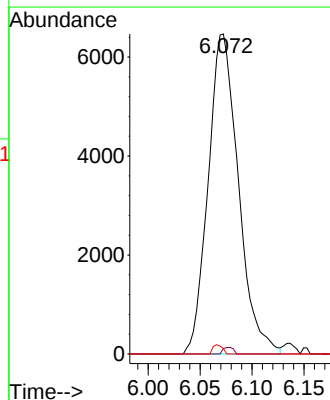
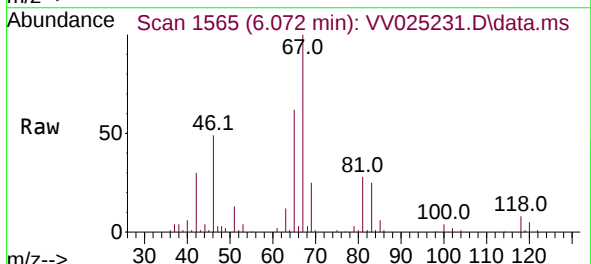
Instrument :
MSVOA_V
ClientSampleId :
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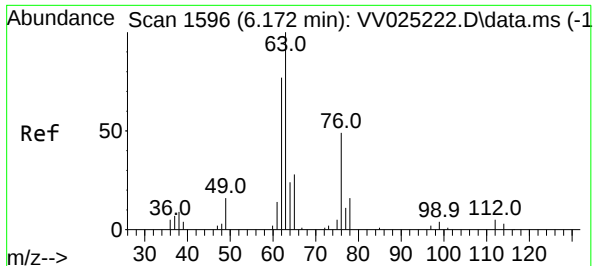
Tgt Ion:	95	Resp:	5235
Ion	Ratio	Lower	Upper
95	100		
97	67.5	46.3	85.9
132	92.4	65.2	121.2
130	89.7	71.7	133.1



#35
Methylcyclohexane
Concen: 0.750 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.058 min
Lab File: VV025231.D
Acq: 27 Mar 2022 04:31

Tgt Ion:	83	Resp:	13097
Ion	Ratio	Lower	Upper
83	100		
55	0.7	54.6	81.8#
98	0.9	39.8	59.6#





#37

1,2-Dichloropropane

Concen: 0.680 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV025231.D

Acq: 27 Mar 2022 04:31

Instrument :

MSVOA_V

ClientSampleId :

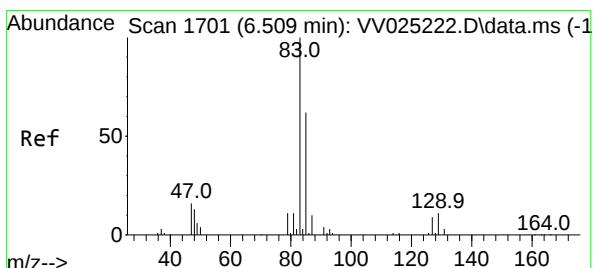
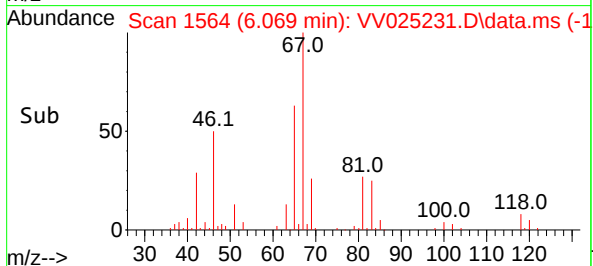
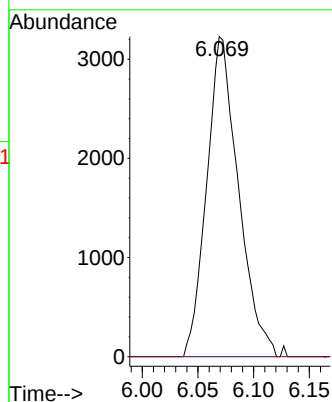
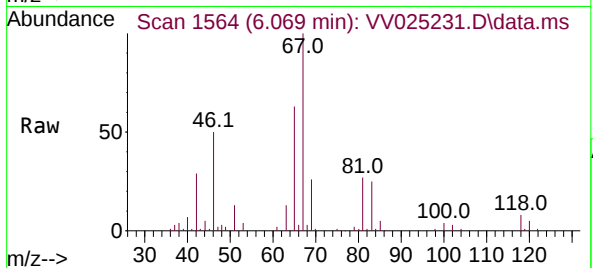
C0PB3

Tgt Ion: 63 Resp: 6396

Ion Ratio Lower Upper

63 100

112 0.6 4.2 6.2#



#38

Bromodichloromethane

Concen: 0.047 ug/L

RT: 6.529 min Scan# 1707

Delta R.T. 0.019 min

Lab File: VV025231.D

Acq: 27 Mar 2022 04:31

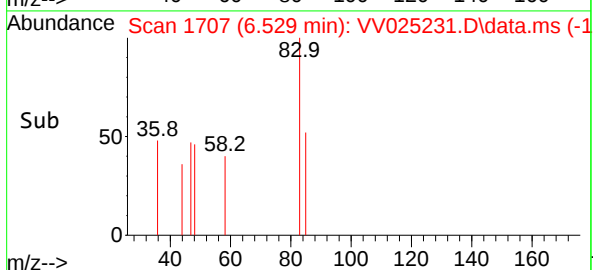
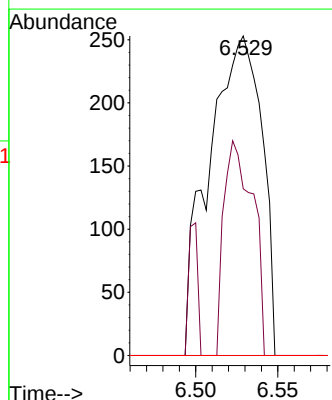
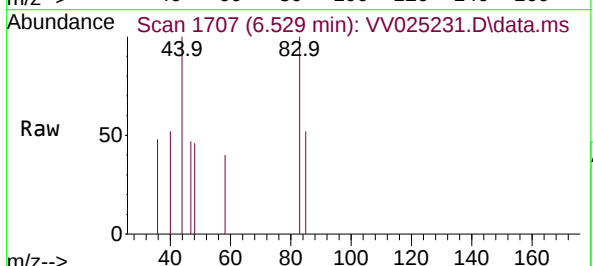
Tgt Ion: 83 Resp: 566

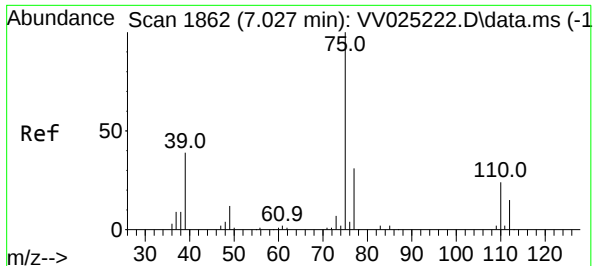
Ion Ratio Lower Upper

83 100

85 52.2 47.2 87.6

127 0.0 7.2 10.8#





#39

cis-1,3-Dichloropropene

Concen: 0.099 ug/L

RT: 6.992 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV025231.D

Acq: 27 Mar 2022 04:31

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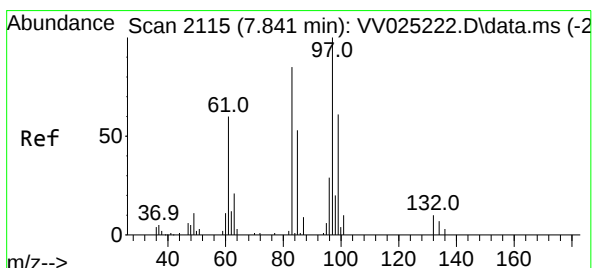
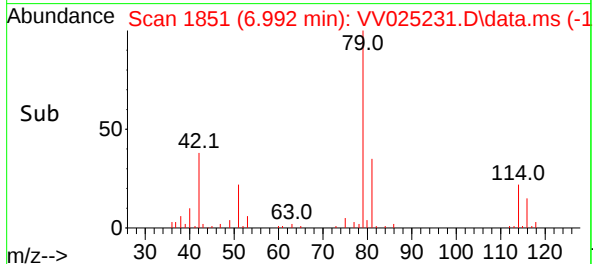
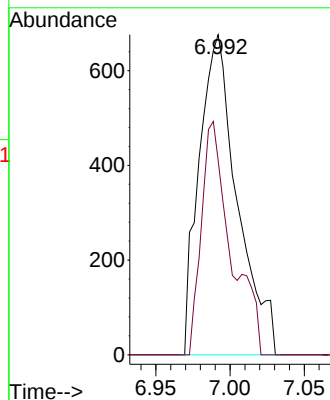
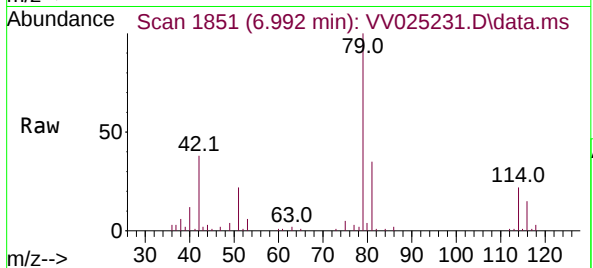
C0PB3

Tgt Ion: 75 Resp: 1212

Ion Ratio Lower Upper

75 100

77 60.8 22.1 41.1#



#45

1,1,2-Trichloroethane

Concen: 7.608 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.138 min

Lab File: VV025231.D

Acq: 27 Mar 2022 04:31

Tgt Ion: 97 Resp: 49034

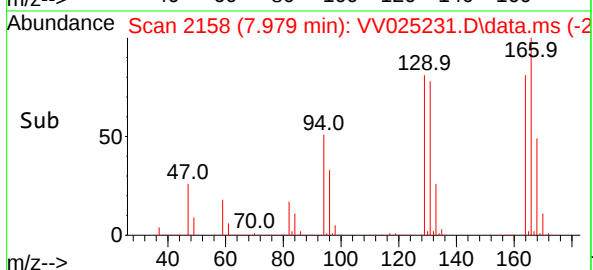
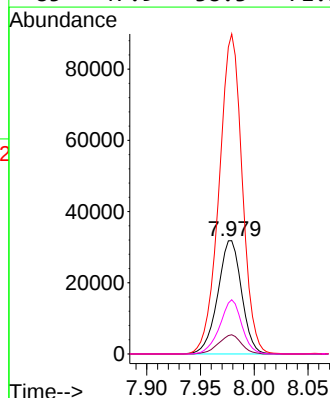
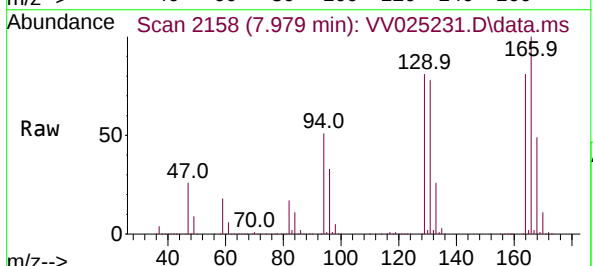
Ion Ratio Lower Upper

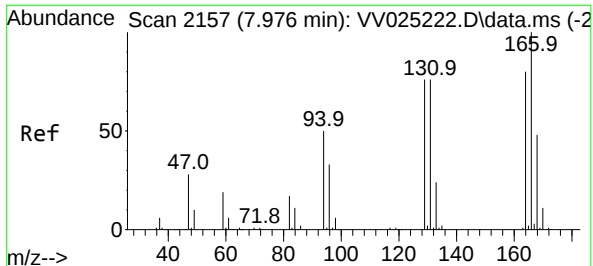
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99 17.0 43.3 80.5#

83 282.3 58.0 107.6#

85 47.9 38.3 71.1

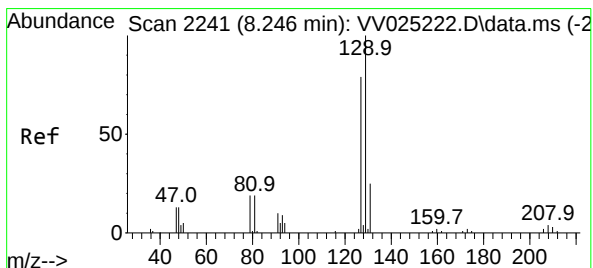
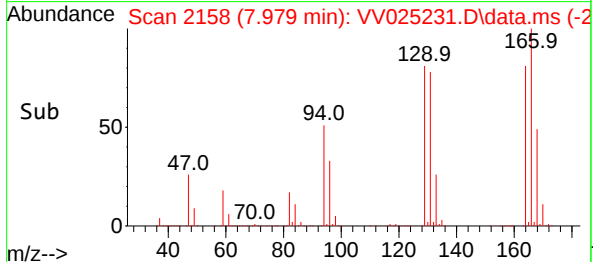
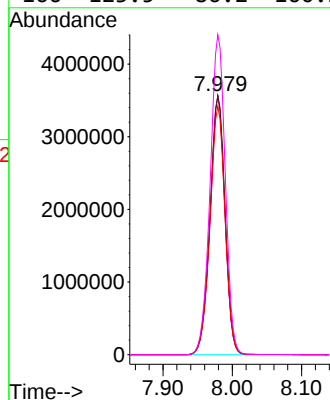
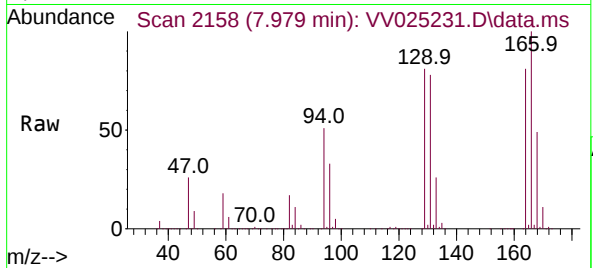




#47
Tetrachloroethene
Concen: 651.637 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV025231.D
Acq: 27 Mar 2022 04:31

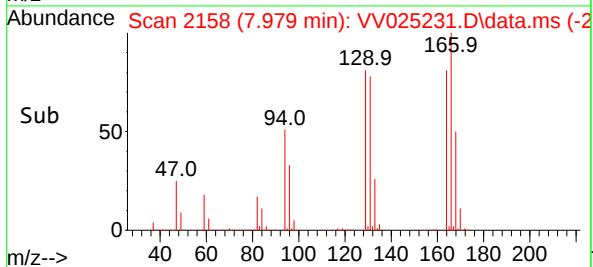
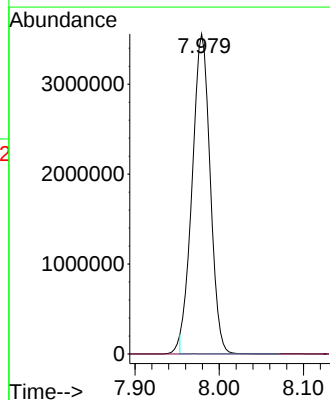
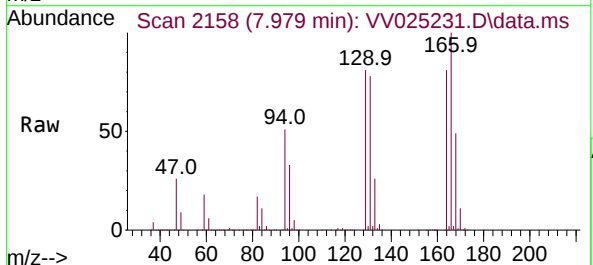
Instrument :
MSVOA_V
ClientSampleId :
C0PB3

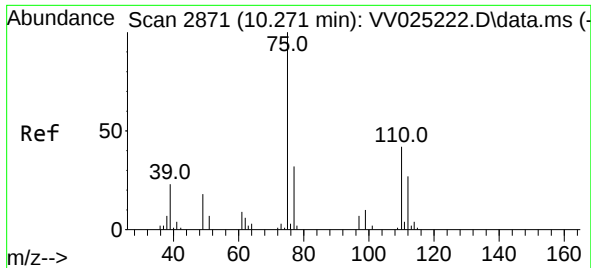
Tgt Ion:164 Resp: 5354064
Ion Ratio Lower Upper
164 100
129 99.8 67.5 125.4
131 95.9 68.0 126.4
166 123.5 86.2 160.2



#49
Dibromochloromethane
Concen: 756.998 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.267 min
Lab File: VV025231.D
Acq: 27 Mar 2022 04:31

Tgt Ion:129 Resp: 5250135
Ion Ratio Lower Upper
129 100
127 0.0 54.1 100.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.736 ug/L
 RT: 11.246 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV025231.D
 Acq: 27 Mar 2022 04:31

Instrument :
 MSVOA_V
 ClientSampleId :
 C0PB3

Tgt Ion: 75	Resp:	7810
Ion Ratio	Lower	Upper
75	100	
77	31.8	25.8 38.6
110	2.2	31.6 47.4#

