

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012822\
 Data File : VW024494.D
 Acq On : 28 Jan 2022 18:25
 Operator : SY/MD
 Sample : N1328-04 100X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COHM3

Quant Time: Jan 29 03:52:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jan 29 03:50:16 2022
 Response via : Initial Calibration

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

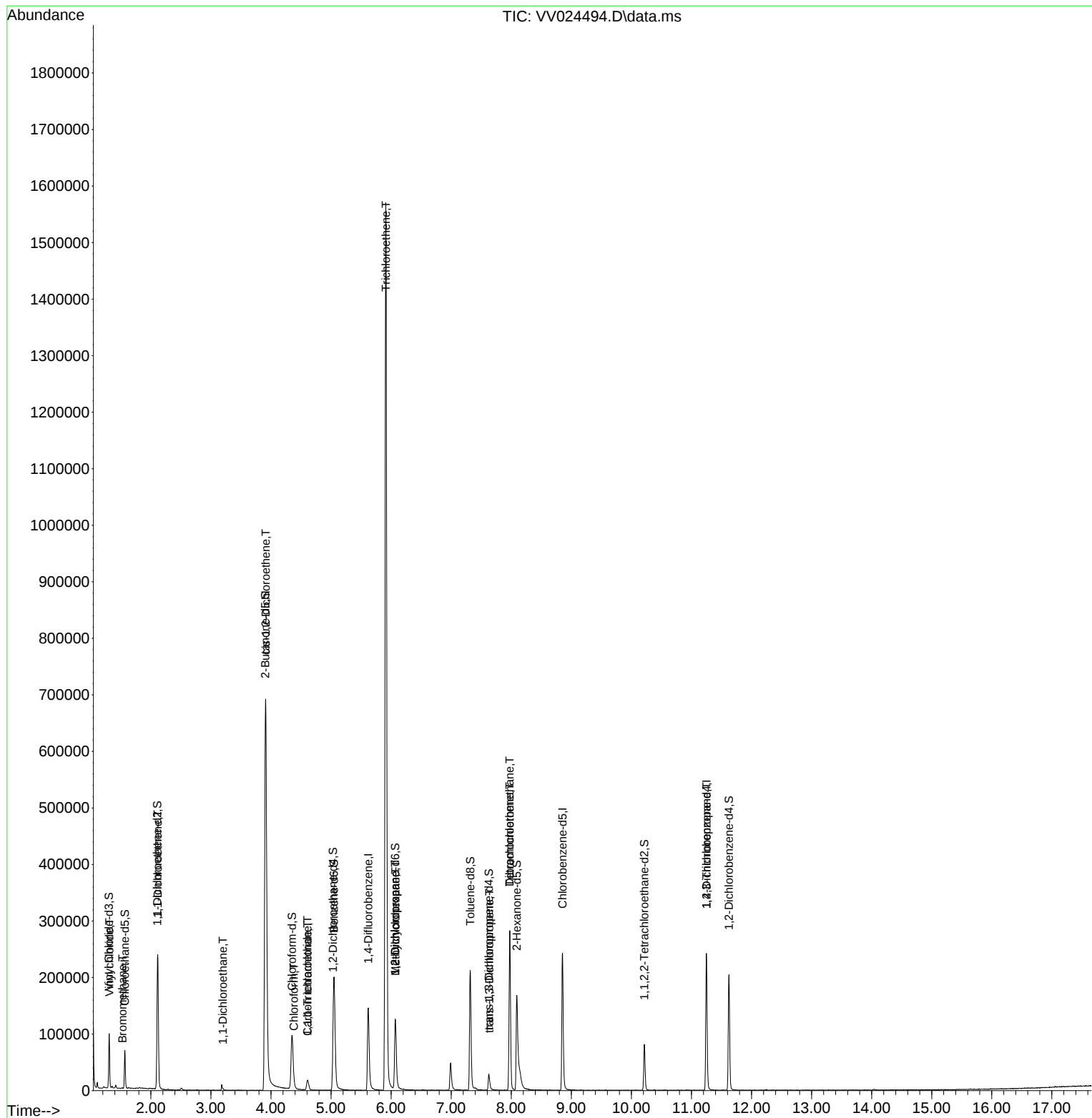
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	130554	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	138374	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	63967	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	41889	3.662	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.200%
7) Chloroethane-d5	1.568	69	42970	4.307	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.200%
11) 1,1-Dichloroethene-d2	2.108	63	90857	4.156	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.200%
20) 2-Butanone-d5	3.905	46	66577	36.523	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.040%
24) Chloroform-d	4.352	84	103267	4.758	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	5.034	65	48701	4.954	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	5.050	84	179272	4.338	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
36) 1,2-Dichloropropane-d6	6.069	67	62811	4.826	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.600%
41) Toluene-d8	7.317	98	143217	3.777	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.600%
43) trans-1,3-Dichloroprop...	7.629	79	17663	3.953	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.000%
46) 2-Hexanone-d5	8.092	63	71195	46.594	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.180%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	39497	5.099	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	54487	4.967	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.400%
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	17288	1.288	ug/L	99
6) Bromomethane	1.529	94	355	0.042	ug/L #	66
12) 1,1-Dichloroethene	2.118	96	47376	4.829	ug/L	92
19) 1,1-Dichloroethane	3.198	63	3064	0.175	ug/L	91
22) cis-1,2-Dichloroethene	3.912	96	380940	40.288	ug/L	92
25) Chloroform	4.381	83	4446	0.223	ug/L	86
29) 1,1,1-Trichloroethane	4.609	97	14029	0.874	ug/L	93
31) Carbon tetrachloride	4.609	117	1799	0.125	ug/L	92
34) Trichloroethene	5.912	95	554487	52.966	ug/L	94
35) Methylcyclohexane	6.072	83	15323	0.992	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	6875	0.756	ug/L #	84
44) trans-1,3-Dichloropropene	7.635	75	971	0.095	ug/L #	44
47) Tetrachloroethene	7.976	164	64752	7.852	ug/L	98
49) Dibromochloromethane	7.976	129	57258	7.478	ug/L #	11
61) 1,2,3-Trichloropropane	11.249	75	7184	1.812	ug/L #	62

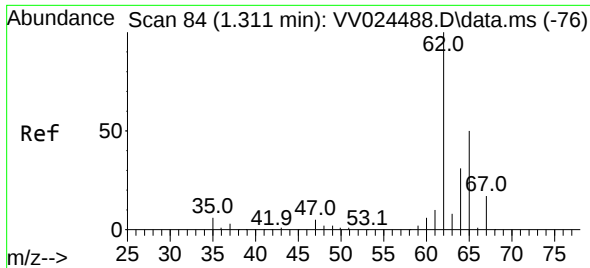
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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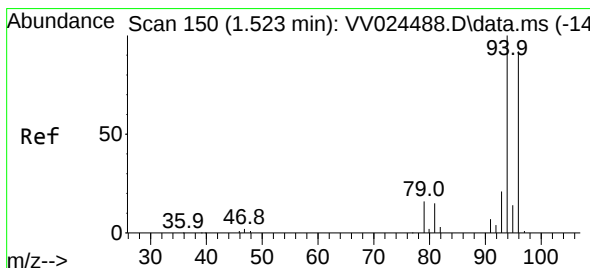
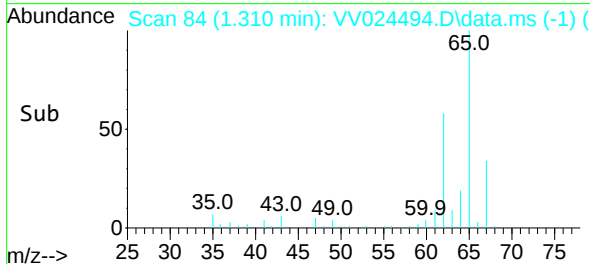
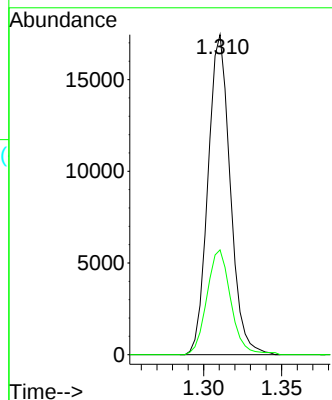
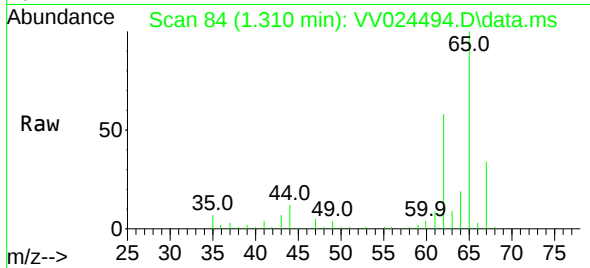




#5
 Vinyl chloride
 Concen: 1.288 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV024494.D
 Acq: 28 Jan 2022 18:25

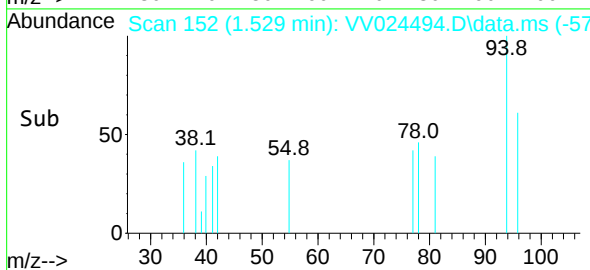
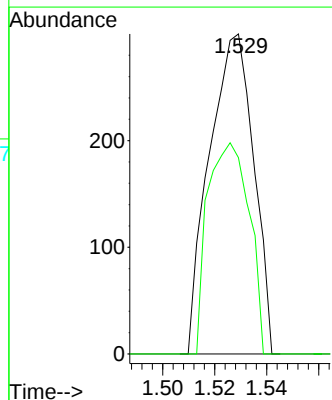
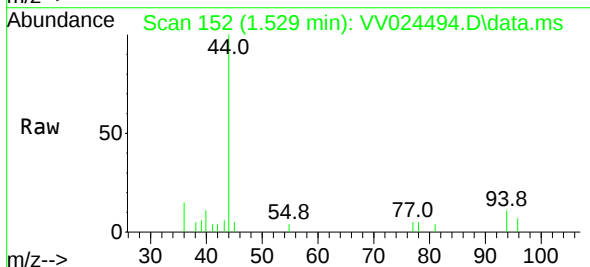
Instrument :
 MSVOA_V
 ClientSampleId :
 COHM3

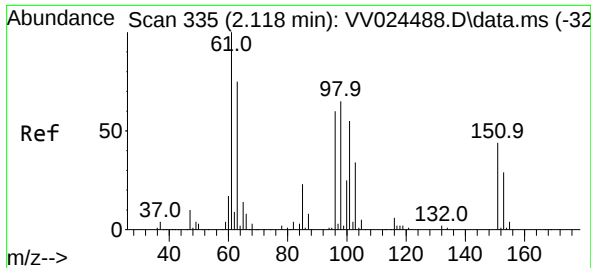
Tgt Ion: 62 Resp: 17288
 Ion Ratio Lower Upper
 62 100
 64 32.8 22.4 41.6



#6
 Bromomethane
 Concen: 0.042 ug/L
 RT: 1.529 min Scan# 152
 Delta R.T. 0.006 min
 Lab File: VV024494.D
 Acq: 28 Jan 2022 18:25

Tgt Ion: 94 Resp: 355
 Ion Ratio Lower Upper
 94 100
 96 61.3 66.2 123.0#

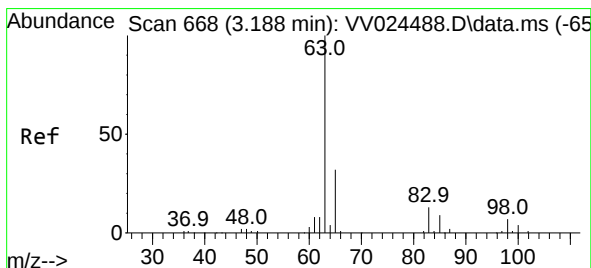
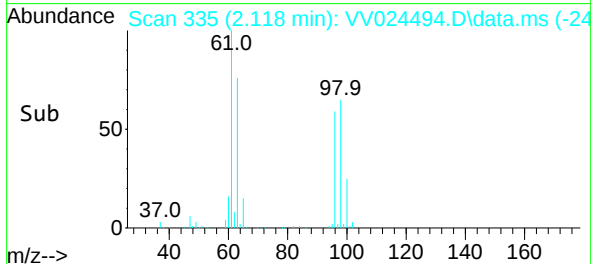
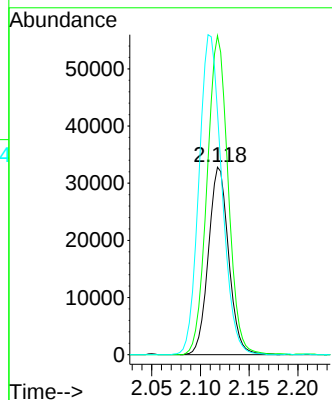
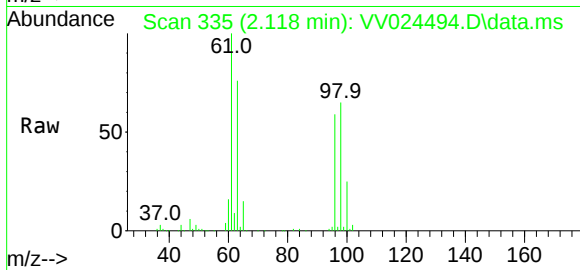




#12
1,1-Dichloroethene
Concen: 4.829 ug/L
RT: 2.118 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV024494.D
Acq: 28 Jan 2022 18:25

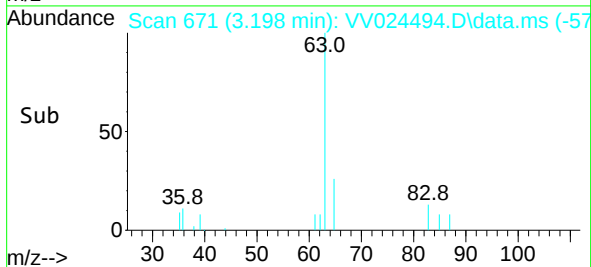
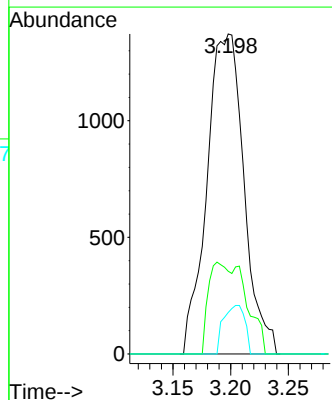
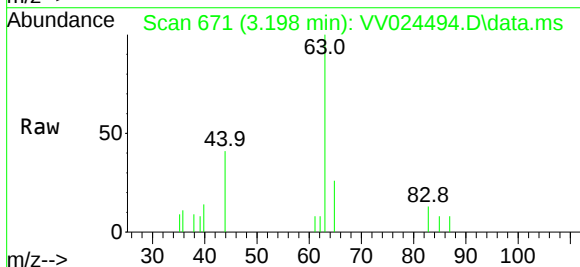
Instrument :
MSVOA_V
ClientSampleId :
COHM3

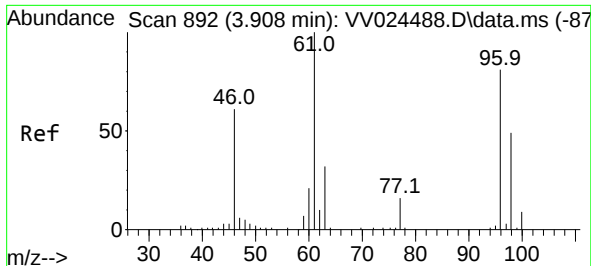
Tgt Ion: 96 Resp: 47376
Ion Ratio Lower Upper
96 100
61 170.1 116.1 215.5
63 129.4 79.4 147.4



#19
1,1-Dichloroethane
Concen: 0.175 ug/L
RT: 3.198 min Scan# 671
Delta R.T. 0.010 min
Lab File: VV024494.D
Acq: 28 Jan 2022 18:25

Tgt Ion: 63 Resp: 3064
Ion Ratio Lower Upper
63 100
65 25.9 22.3 41.3
83 13.0 10.7 19.9





#22

cis-1,2-Dichloroethene

Concen: 40.288 ug/L

RT: 3.912 min Scan# 89

Delta R.T. 0.003 min

Lab File: VV024494.D

Acq: 28 Jan 2022 18:25

Instrument :

MSVOA_V

ClientSampleId :

COHM3

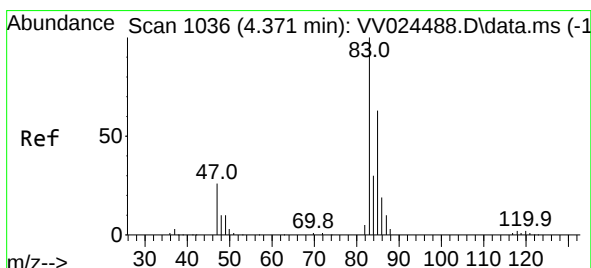
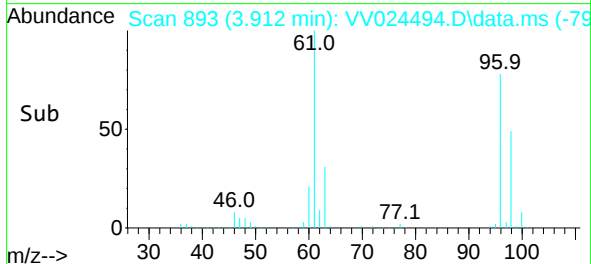
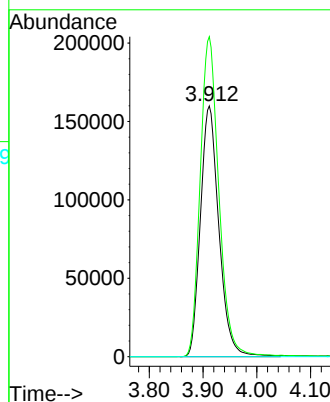
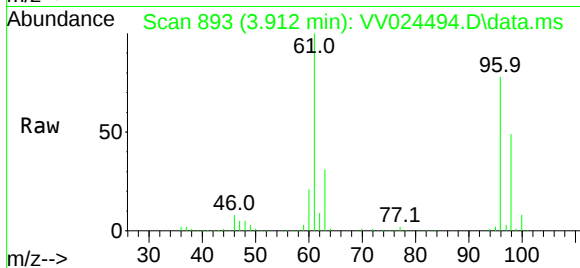
Tgt Ion: 96 Resp: 380940

Ion Ratio Lower Upper

96 100

61 127.6 83.4 154.8

68 0.0 0.0 0.0



#25

Chloroform

Concen: 0.223 ug/L

RT: 4.381 min Scan# 1039

Delta R.T. 0.010 min

Lab File: VV024494.D

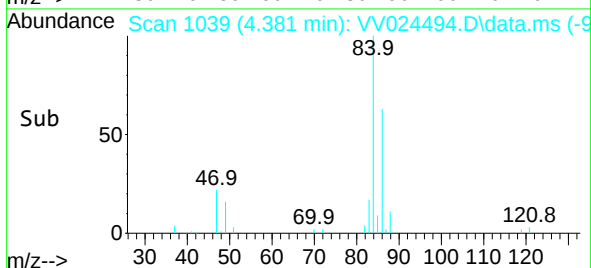
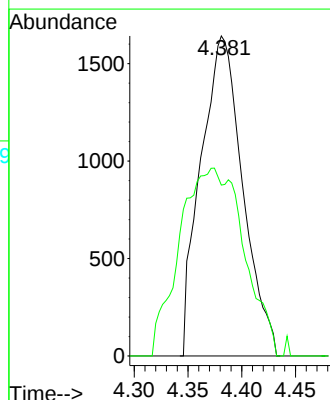
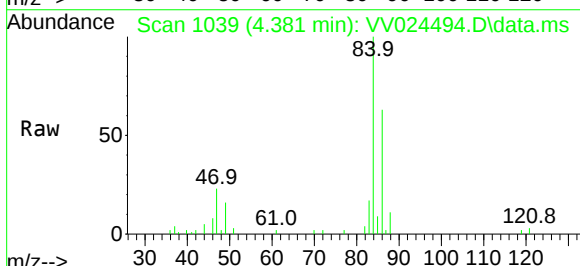
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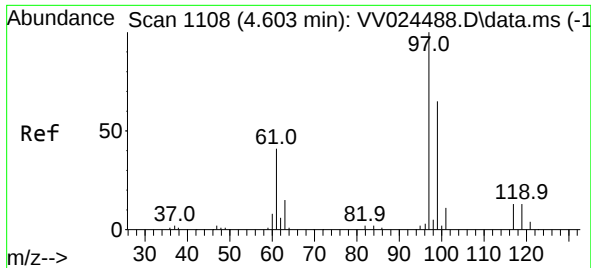
Tgt Ion: 83 Resp: 4446

Ion Ratio Lower Upper

83 100

85 53.4 45.2 84.0





#29

1,1,1-Trichloroethane

Concen: 0.874 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.006 min

Lab File: VV024494.D

Acq: 28 Jan 2022 18:25

Instrument :

MSVOA_V

ClientSampleId :

COHM3

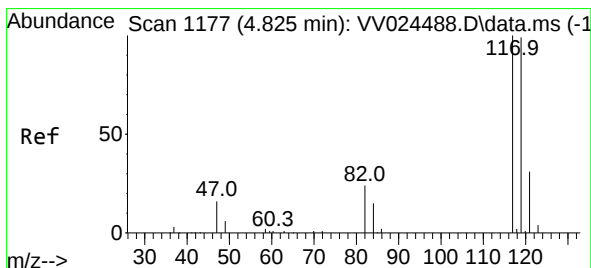
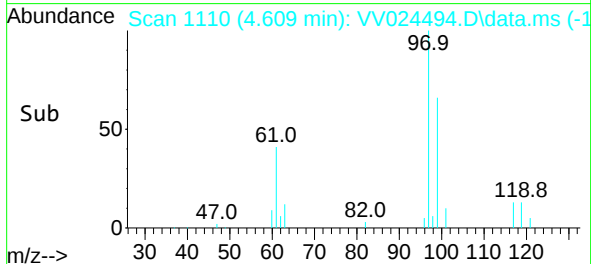
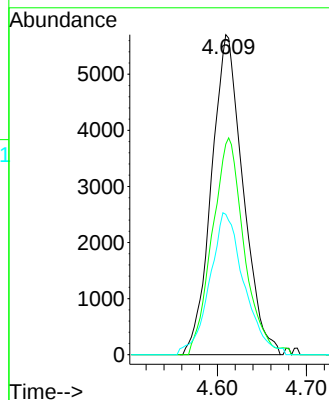
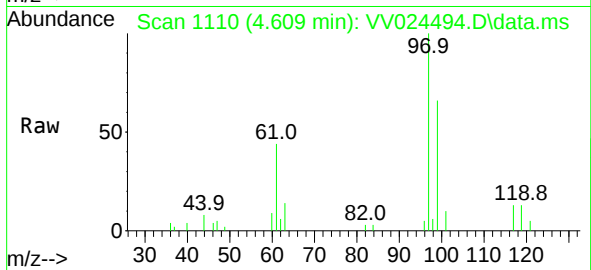
Tgt Ion: 97 Resp: 14029

Ion Ratio Lower Upper

97 100

99 68.2 51.9 77.9

61 48.2 33.2 49.8



#31

Carbon tetrachloride

Concen: 0.125 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. -0.215 min

Lab File: VV024494.D

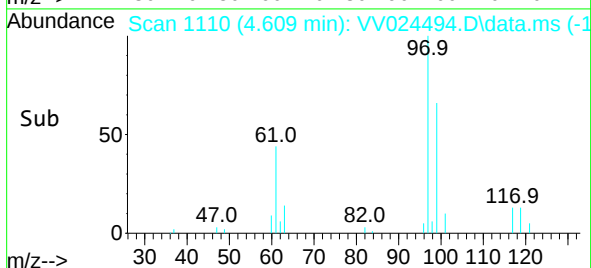
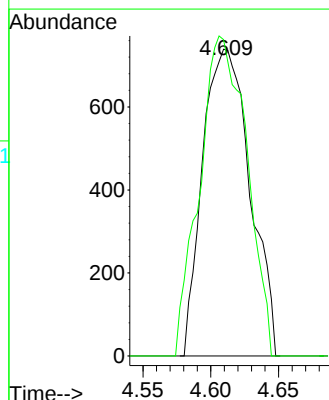
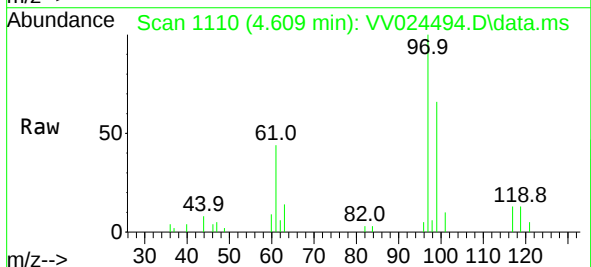
Acq: 28 Jan 2022 18:25

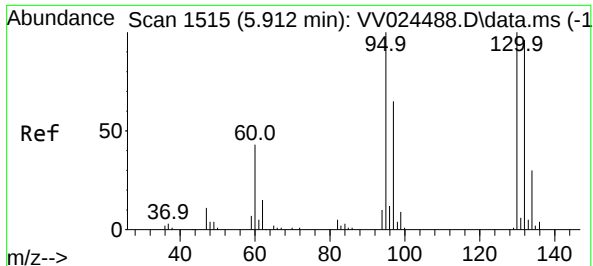
Tgt Ion: 117 Resp: 1799

Ion Ratio Lower Upper

117 100

119 103.8 76.6 114.8

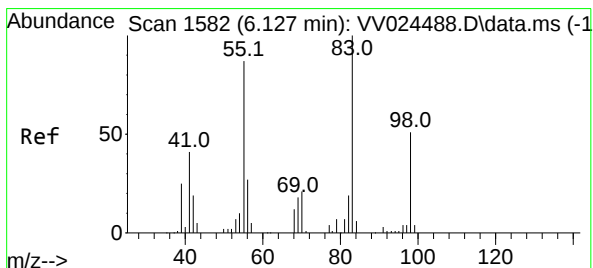
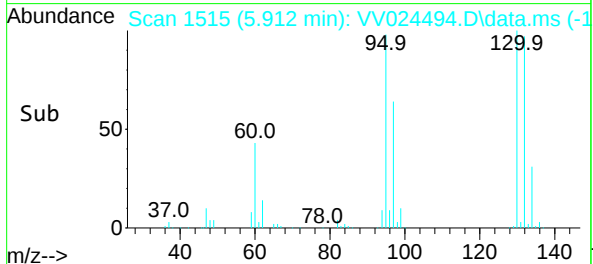
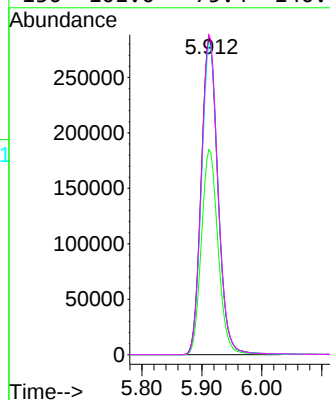
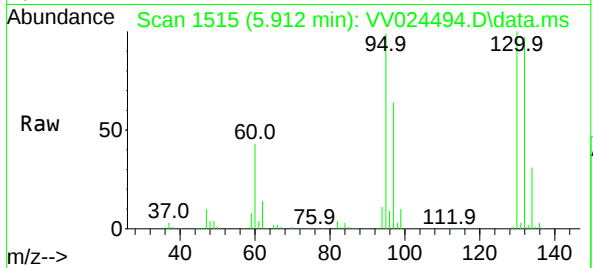




#34
Trichloroethene
Concen: 52.966 ug/L
RT: 5.912 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV024494.D
Acq: 28 Jan 2022 18:25

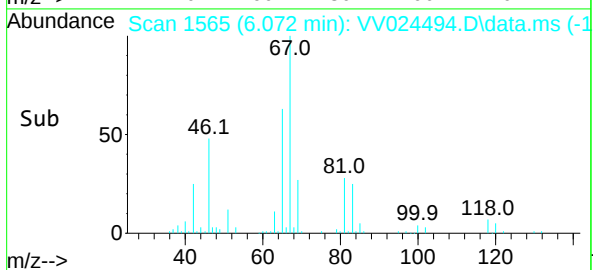
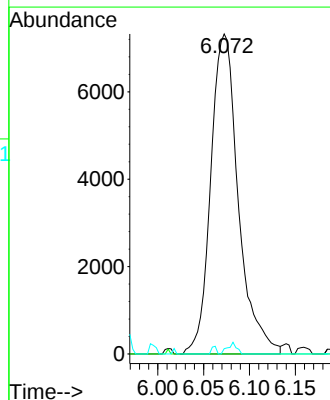
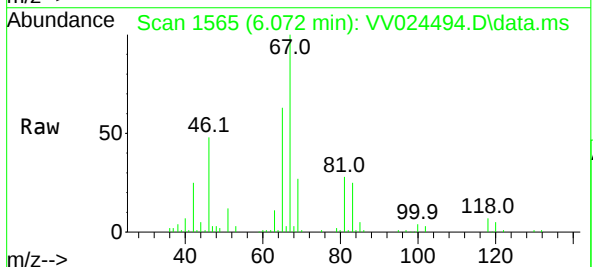
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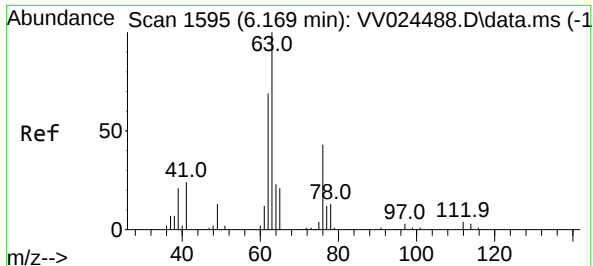
Tgt Ion: 95 Resp: 554487
Ion Ratio Lower Upper
95 100
97 64.7 45.2 84.0
132 98.0 76.1 141.3
130 101.0 75.4 140.0



#35
Methylcyclohexane
Concen: 0.992 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.055 min
Lab File: VV024494.D
Acq: 28 Jan 2022 18:25

Tgt Ion: 83 Resp: 15323
Ion Ratio Lower Upper
83 100
55 0.1 60.2 90.2#
98 0.0 41.0 61.4#





#37

1,2-Dichloropropane

Concen: 0.756 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV024494.D

Acq: 28 Jan 2022 18:25

Instrument :

MSVOA_V

ClientSampleId :

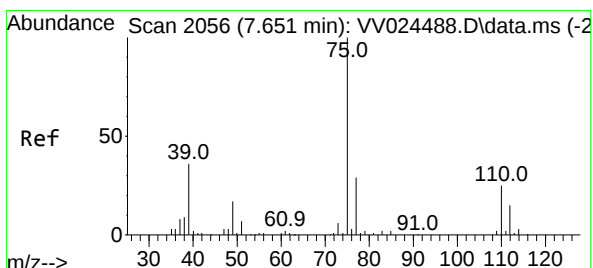
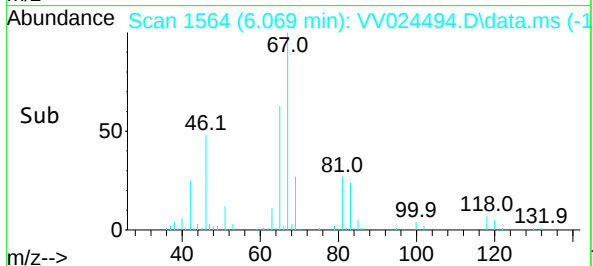
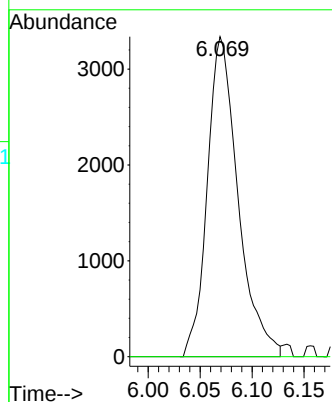
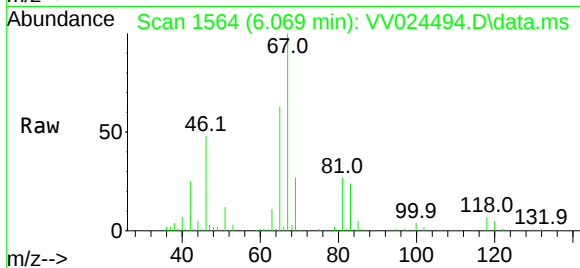
COHM3

Tgt Ion: 63 Resp: 6875

Ion Ratio Lower Upper

63 100

112 0.0 4.3 6.5#



#44

trans-1,3-Dichloropropene

Concen: 0.095 ug/L

RT: 7.635 min Scan# 2051

Delta R.T. -0.016 min

Lab File: VV024494.D

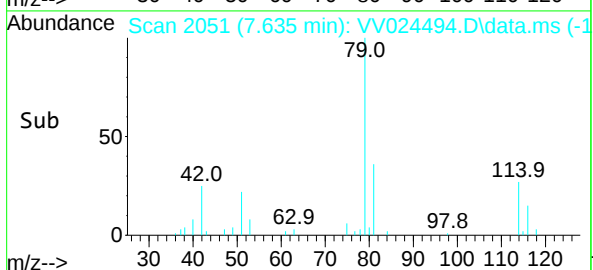
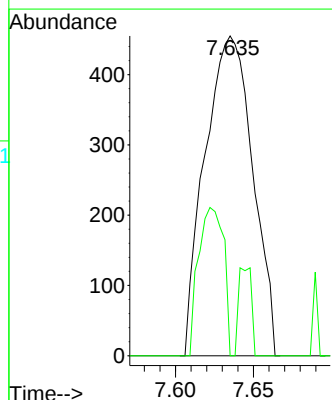
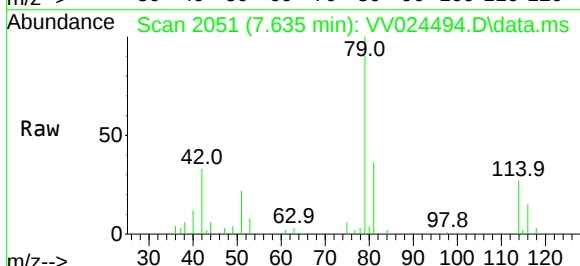
Acq: 28 Jan 2022 18:25

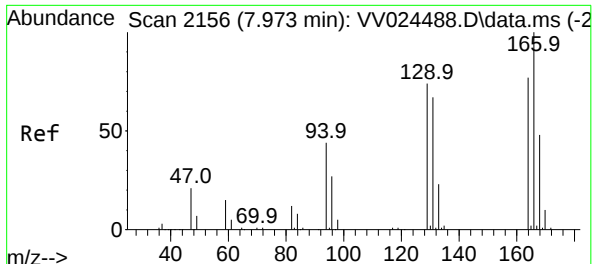
Tgt Ion: 75 Resp: 971

Ion Ratio Lower Upper

75 100

77 0.0 21.8 40.4#





#47

Tetrachloroethene

Concen: 7.852 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV024494.D

Acq: 28 Jan 2022 18:25

Instrument :

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COHM3

Tgt Ion:164 Resp: 64752

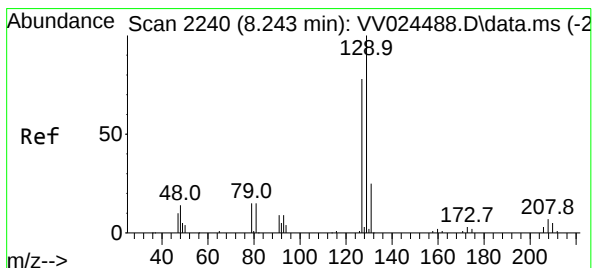
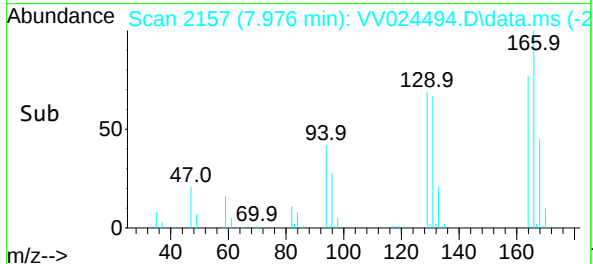
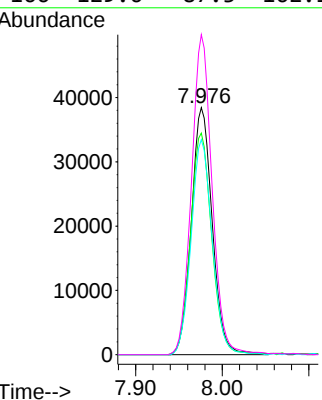
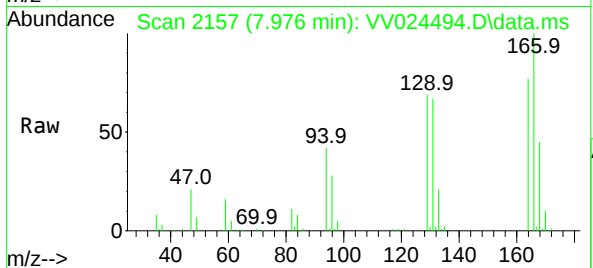
Ion Ratio Lower Upper

164 100

129 89.7 62.6 116.2

131 87.0 61.0 113.4

166 129.6 87.3 162.1



#49

Dibromochloromethane

Concen: 7.478 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV024494.D

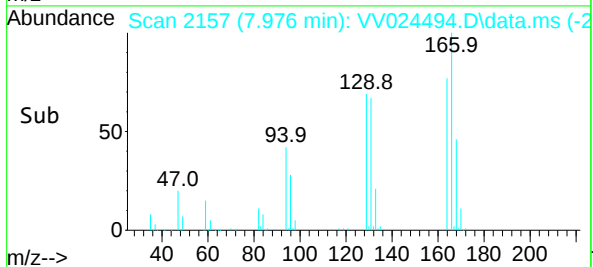
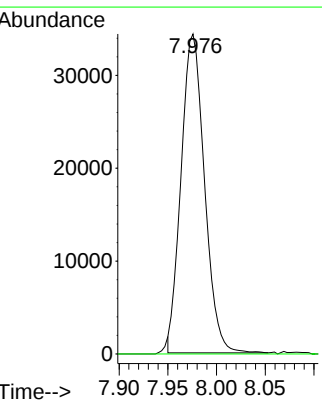
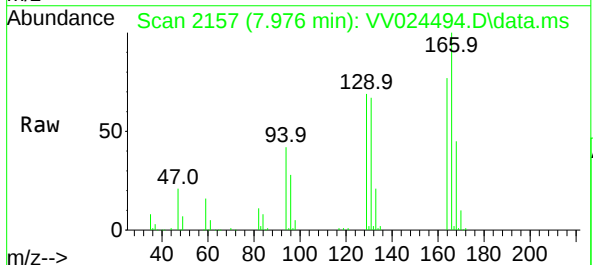
Acq: 28 Jan 2022 18:25

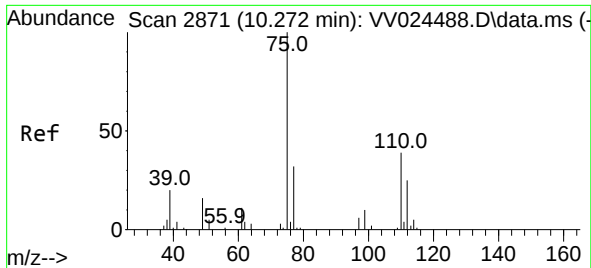
Tgt Ion:129 Resp: 57258

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.3#





#61

1,2,3-Trichloropropane

Concen: 1.812 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.977 min

Lab File: VV024494.D

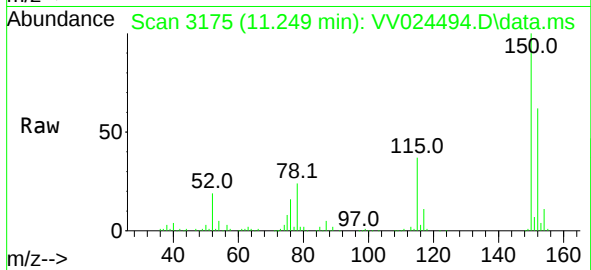
Acq: 28 Jan 2022 18:25

Instrument :

MSVOA_V

ClientSampleId :

C0HM3



Tgt Ion: 75 Resp: 7184

Ion Ratio Lower Upper

75 100

77 30.5 26.4 39.6

110 2.1 34.2 51.2#

