

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012822\
 Data File : VV024498.D
 Acq On : 28 Jan 2022 19:58
 Operator : SY/MD
 Sample : N1328-08 100X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COHM7

Quant Time: Jan 29 03:53:37 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)

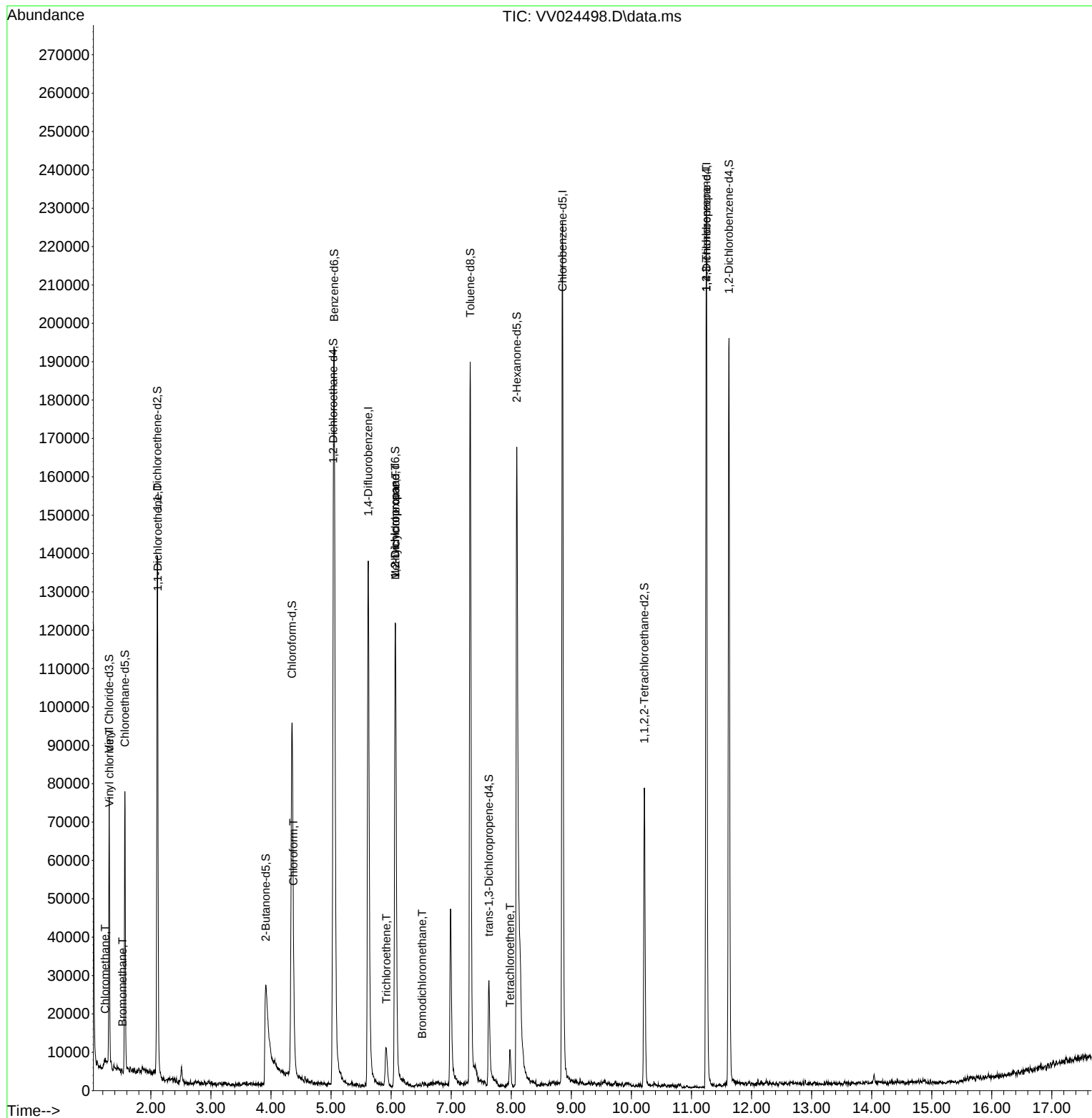
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	115433	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	120195	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	62088	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	41849	4.138	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	82.800%	
7) Chloroethane-d5	1.568	69	45631	5.173	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	103.400%	
11) 1,1-Dichloroethene-d2	2.108	63	73466	3.801	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	76.000%	
20) 2-Butanone-d5	3.912	46	72948	45.260	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	90.520%	
24) Chloroform-d	4.349	84	96713	5.040	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.800%	
26) 1,2-Dichloroethane-d4	5.037	65	48287	5.556	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	111.200%	
32) Benzene-d6	5.053	84	163549	4.556	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.200%	
36) 1,2-Dichloropropane-d6	6.069	67	61384	5.430	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	108.600%	
41) Toluene-d8	7.317	98	125895	3.822	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	76.400%	
43) trans-1,3-Dichloroprop...	7.628	79	16887	4.350	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.000%	
46) 2-Hexanone-d5	8.091	63	69350	52.251	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	104.500%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	38639	5.743	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	114.800%	
66) 1,2-Dichlorobenzene-d4	11.625	152	49167	4.618	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	92.400%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	519	0.044	ug/L #	57
5) Vinyl chloride	1.310	62	618	0.052	ug/L #	1
6) Bromomethane	1.526	94	316	0.043	ug/L #	68
12) 1,1-Dichloroethene	2.114	96	811	0.093	ug/L #	1
25) Chloroform	4.375	83	4259	0.242	ug/L	97
34) Trichloroethene	5.921	95	2073	0.228	ug/L	86
35) Methylcyclohexane	6.072	83	13819	1.030	ug/L #	19
37) 1,2-Dichloropropane	6.069	63	7265	0.919	ug/L #	86
38) Bromodichloromethane	6.516	83	355	0.033	ug/L #	84
47) Tetrachloroethene	7.982	164	2267	0.316	ug/L	91
61) 1,2,3-Trichloropropane	11.246	75	7146	1.857	ug/L #	63

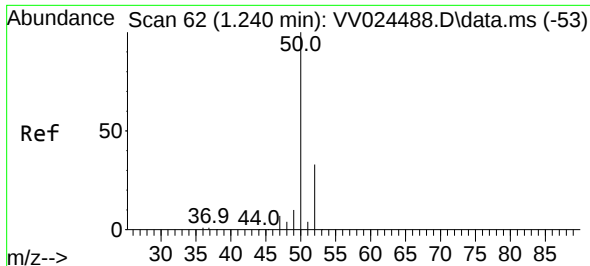
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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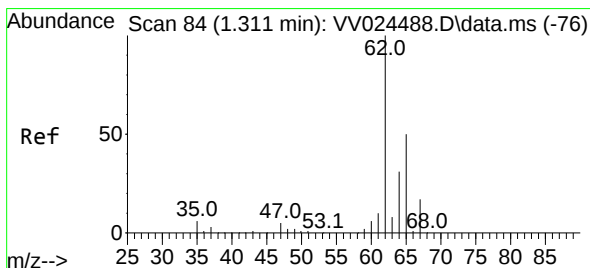
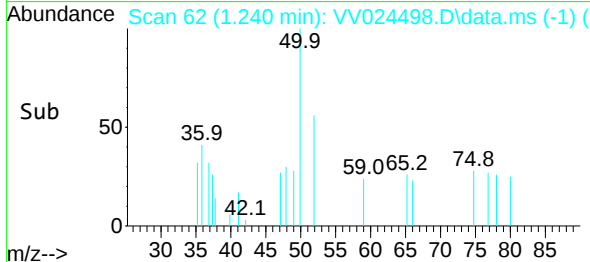
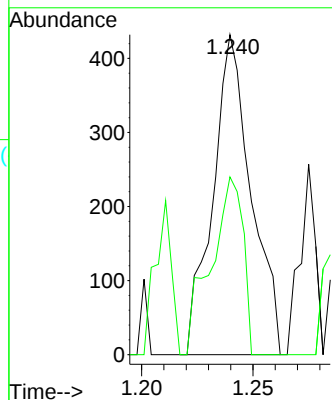
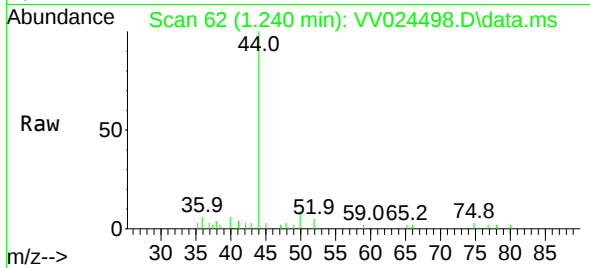




#3
Chloromethane
Concen: 0.044 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV024498.D
Acq: 28 Jan 2022 19:58

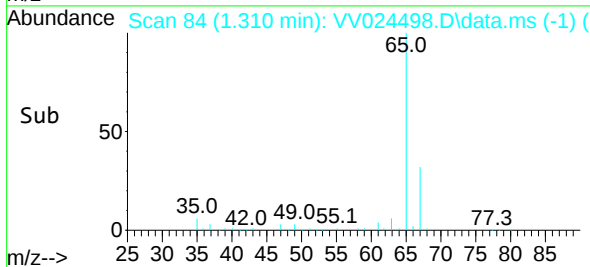
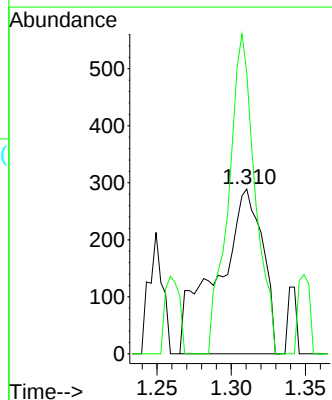
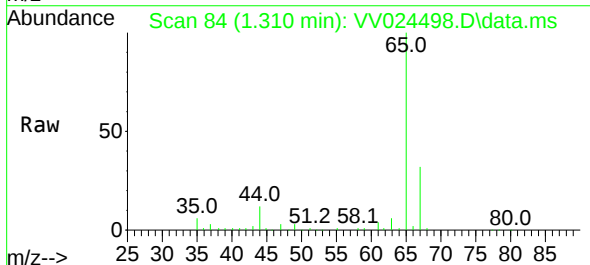
Instrument :
MSVOA_V
ClientSampleId :
C0HM7

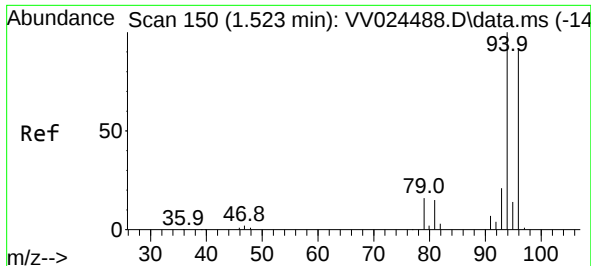
Tgt Ion: 50 Resp: 519
Ion Ratio Lower Upper
50 100
52 55.6 22.0 41.0#



#5
Vinyl chloride
Concen: 0.052 ug/L
RT: 1.310 min Scan# 84
Delta R.T. -0.000 min
Lab File: VV024498.D
Acq: 28 Jan 2022 19:58

Tgt Ion: 62 Resp: 618
Ion Ratio Lower Upper
62 100
64 170.9 22.4 41.6#

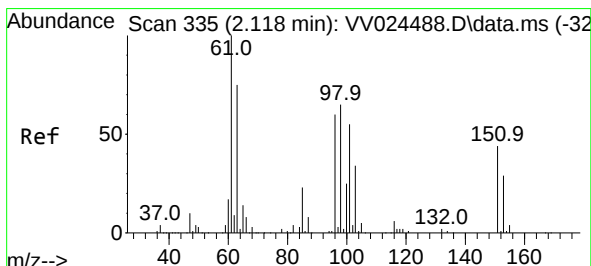
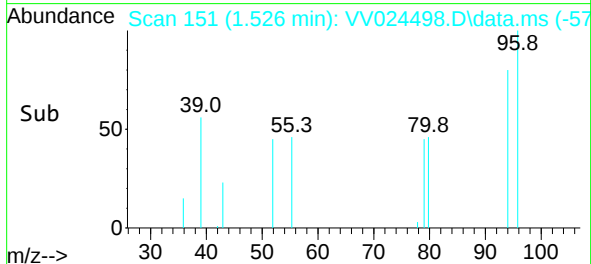
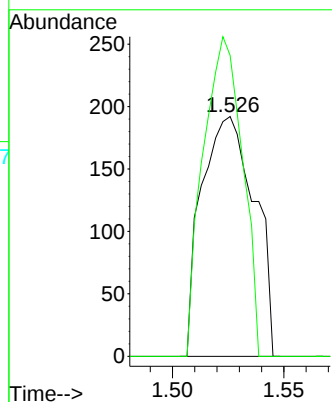
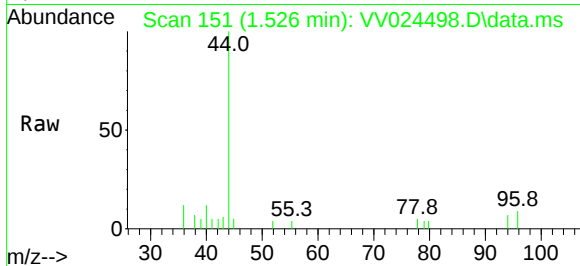




#6
Bromomethane
Concen: 0.043 ug/L
RT: 1.526 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV024498.D
Acq: 28 Jan 2022 19:58

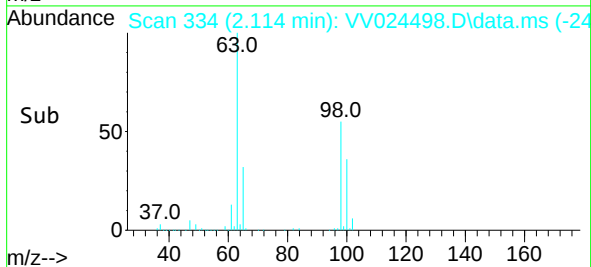
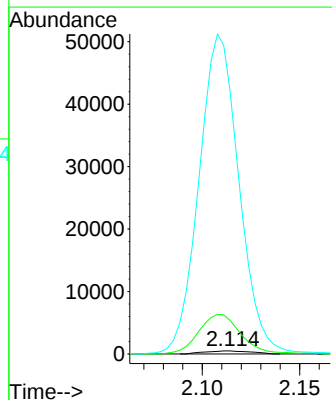
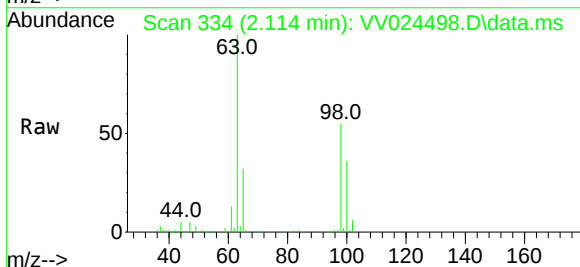
Instrument :
MSVOA_V
ClientSampleId :
COHM7

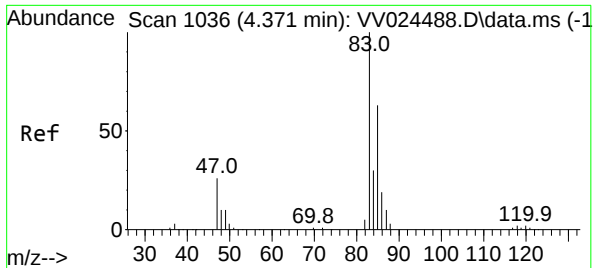
Tgt Ion: 94 Resp: 316
Ion Ratio Lower Upper
94 100
96 125.5 66.2 123.0#



#12
1,1-Dichloroethene
Concen: 0.093 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.003 min
Lab File: VV024498.D
Acq: 28 Jan 2022 19:58

Tgt Ion: 96 Resp: 811
Ion Ratio Lower Upper
96 100
61 1082.3 116.1 215.5#
63 8466.8 79.4 147.4#





#25

Chloroform

Concen: 0.242 ug/L

RT: 4.375 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VV024498.D

Acq: 28 Jan 2022 19:58

Instrument :

MSVOA_V

ClientSampleId :

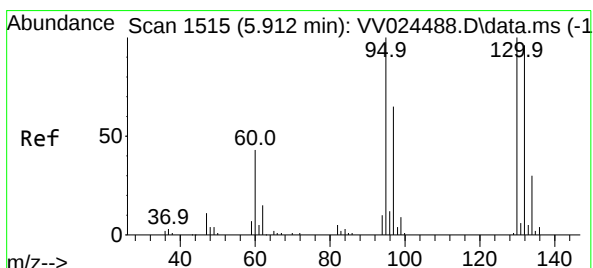
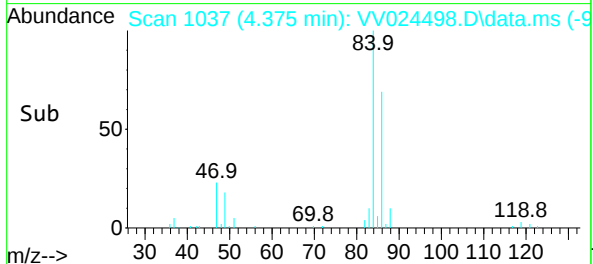
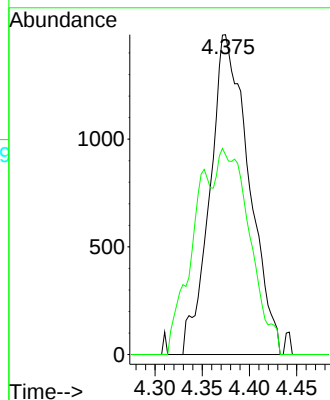
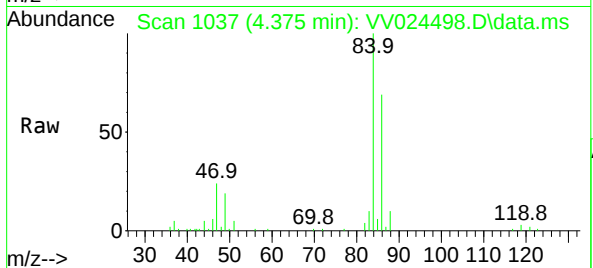
COHM7

Tgt Ion: 83 Resp: 4259

Ion Ratio Lower Upper

83 100

85 62.5 45.2 84.0



#34

Trichloroethene

Concen: 0.228 ug/L

RT: 5.921 min Scan# 1518

Delta R.T. 0.010 min

Lab File: VV024498.D

Acq: 28 Jan 2022 19:58

Tgt Ion: 95 Resp: 2073

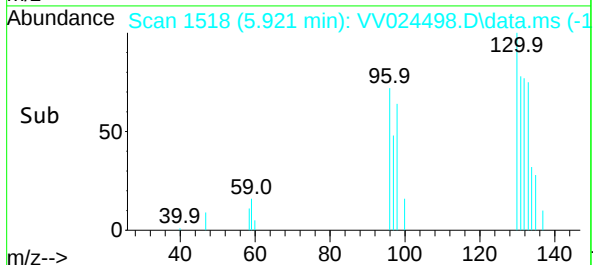
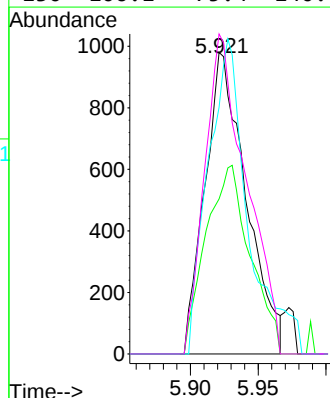
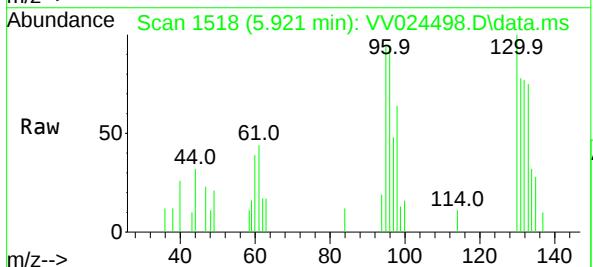
Ion Ratio Lower Upper

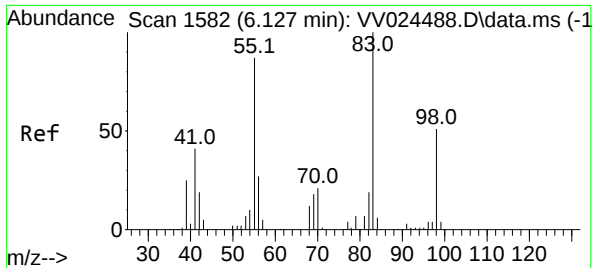
95 100

97 51.4 45.2 84.0

132 81.8 76.1 141.3

130 106.1 75.4 140.0

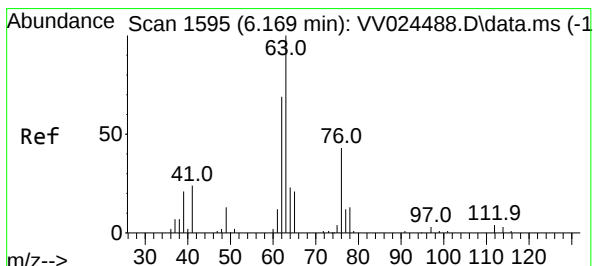
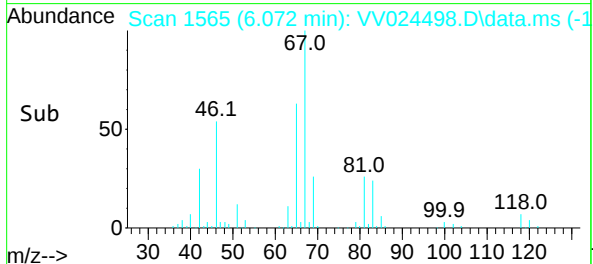
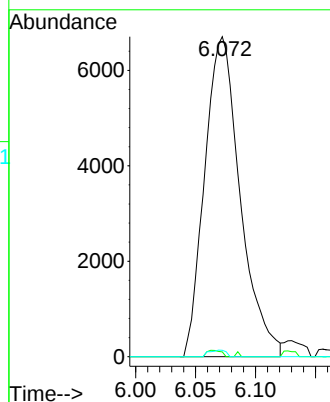
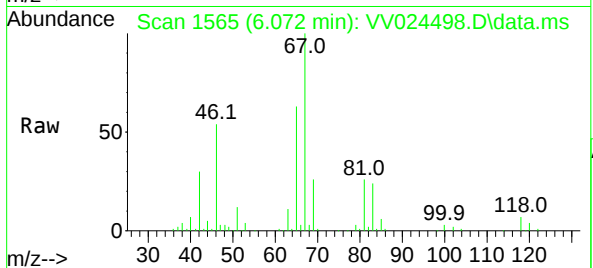




#35
Methylcyclohexane
Concen: 1.030 ug/L
RT: 6.072 min Scan# 11
Delta R.T. -0.055 min
Lab File: VV024498.D
Acq: 28 Jan 2022 19:58

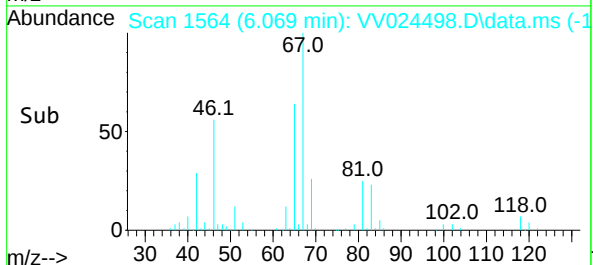
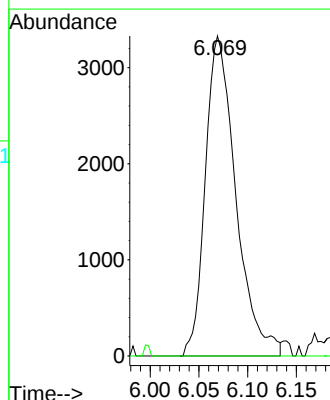
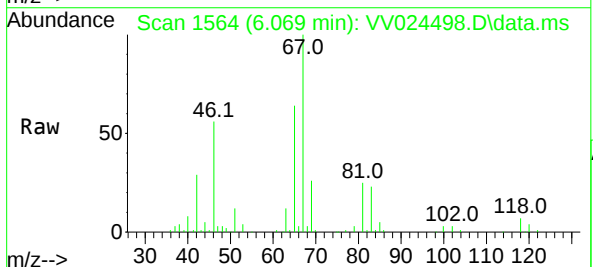
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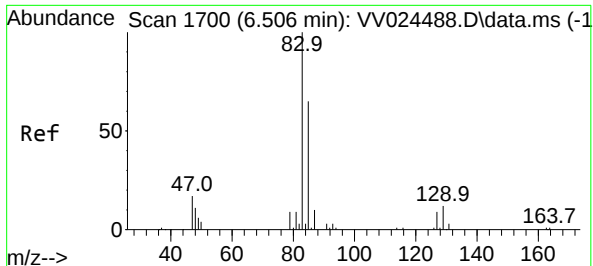
Tgt Ion: 83 Resp: 13819
Ion Ratio Lower Upper
83 100
55 0.8 60.2 90.2#
98 1.0 41.0 61.4#



#37
1,2-Dichloropropane
Concen: 0.919 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.100 min
Lab File: VV024498.D
Acq: 28 Jan 2022 19:58

Tgt Ion: 63 Resp: 7265
Ion Ratio Lower Upper
63 100
112 0.6 4.3 6.5#

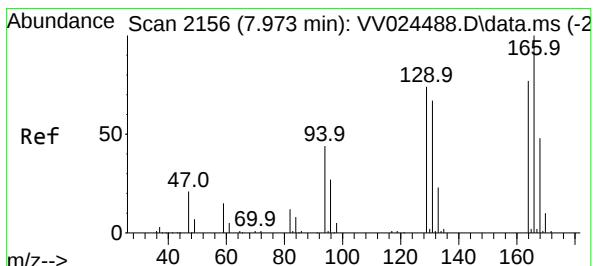
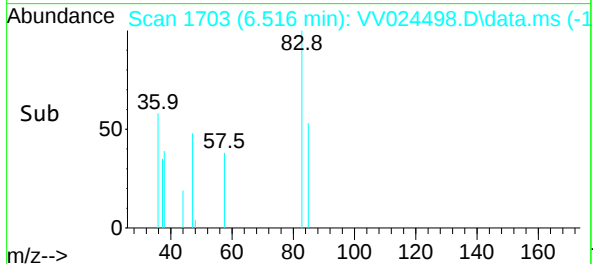
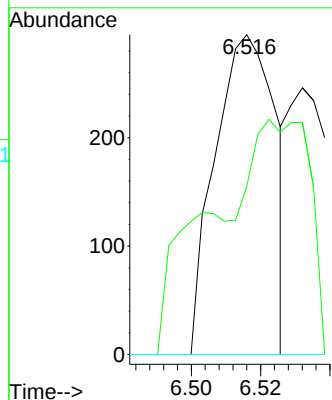
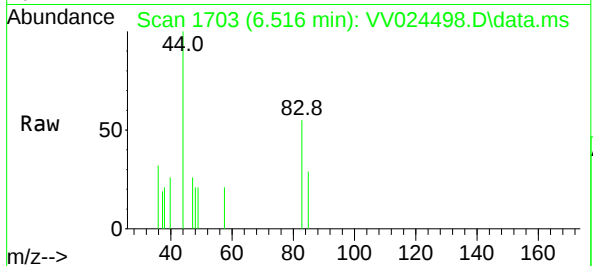




#38
Bromodichloromethane
Concen: 0.033 ug/L
RT: 6.516 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV024498.D
Acq: 28 Jan 2022 19:58

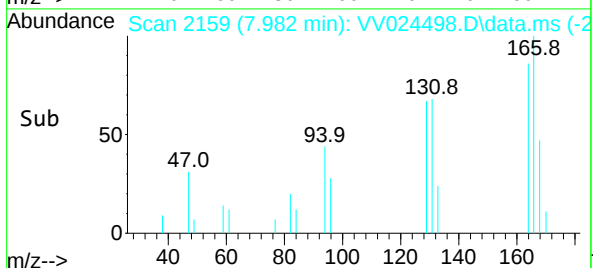
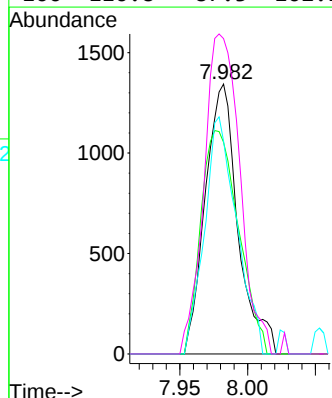
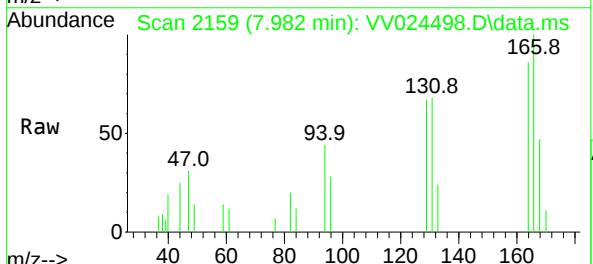
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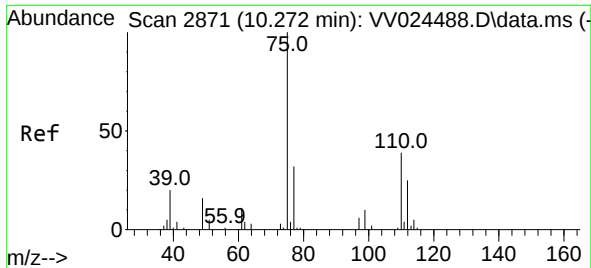
Tgt Ion: 83 Resp: 355
Ion Ratio Lower Upper
83 100
85 52.5 44.0 81.8
127 0.0 8.6 12.8#



#47
Tetrachloroethene
Concen: 0.316 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. 0.010 min
Lab File: VV024498.D
Acq: 28 Jan 2022 19:58

Tgt Ion: 164 Resp: 2267
Ion Ratio Lower Upper
164 100
129 78.4 62.6 116.2
131 78.9 61.0 113.4
166 116.8 87.3 162.1





#61

1,2,3-Trichloropropane

Concen: 1.857 ug/L

RT: 11.246 min Scan# 31

Delta R.T. 0.974 min

Lab File: VV024498.D

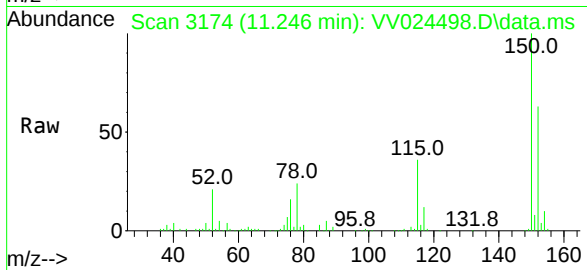
Acq: 28 Jan 2022 19:58

Instrument :

MSVOA_V

ClientSampleId :

C0HM7



Tgt Ion: 75	Resp:	7146
Ion Ratio	Lower	Upper
75	100	
77	30.7	26.4 39.6
110	2.7	34.2 51.2#

