

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012822\
 Data File : VW024496.D
 Acq On : 28 Jan 2022 19:11
 Operator : SY/MD
 Sample : N1328-06 100X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0HM5

Quant Time: Jan 29 03:53:01 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)

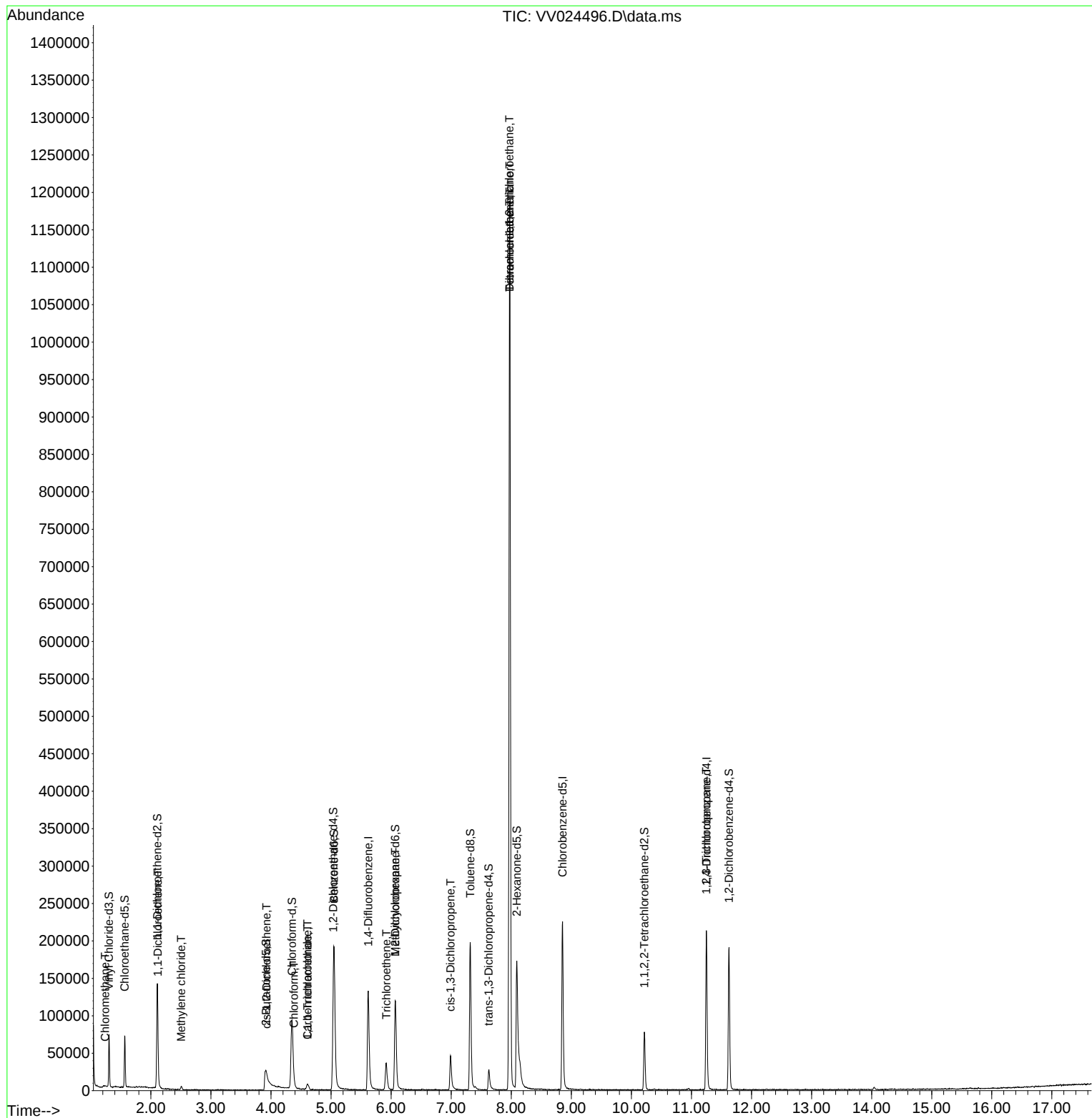
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	112319	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	122148	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	55780	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	41488	4.216	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.400%
7) Chloroethane-d5	1.564	69	42358	4.935	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.600%
11) 1,1-Dichloroethene-d2	2.108	63	71849	3.820	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.400%
20) 2-Butanone-d5	3.915	46	67173	42.832	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.660%
24) Chloroform-d	4.349	84	96900	5.189	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.800%
26) 1,2-Dichloroethane-d4	5.037	65	46503	5.499	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.000%
32) Benzene-d6	5.050	84	167703	4.597	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
36) 1,2-Dichloropropane-d6	6.069	67	60235	5.243	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.800%
41) Toluene-d8	7.317	98	132171	3.949	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.000%
43) trans-1,3-Dichloroprop...	7.625	79	16942	4.295	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.800%
46) 2-Hexanone-d5	8.091	63	73451	54.456	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.920%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	37050	5.419	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	49019	5.125	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.400%
Target Compounds						Qvalue
3) Chloromethane	1.236	50	614	0.053	ug/L	96
12) 1,1-Dichloroethene	2.117	96	6628	0.785	ug/L #	1
16) Methylene chloride	2.506	84	1720	0.199	ug/L	92
22) cis-1,2-Dichloroethene	3.928	96	231	0.028	ug/L #	57
25) Chloroform	4.381	83	3863	0.225	ug/L	87
29) 1,1,1-Trichloroethane	4.609	97	5859	0.414	ug/L	97
31) Carbon tetrachloride	4.609	117	822	0.064	ug/L	81
34) Trichloroethene	5.921	95	11906	1.288	ug/L	93
35) Methylcyclohexane	6.069	83	13968	1.025	ug/L #	19
39) cis-1,3-Dichloropropene	6.989	75	1414	0.131	ug/L #	66
45) 1,1,2-Trichloroethane	7.969	97	2374	0.437	ug/L #	1
47) Tetrachloroethene	7.976	164	260228	35.747	ug/L	97
49) Dibromochloromethane	7.976	129	237245	35.101	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	6754	1.954	ug/L #	64

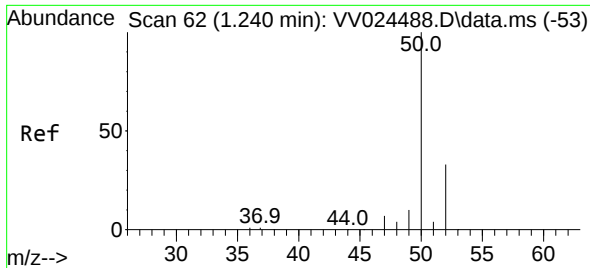
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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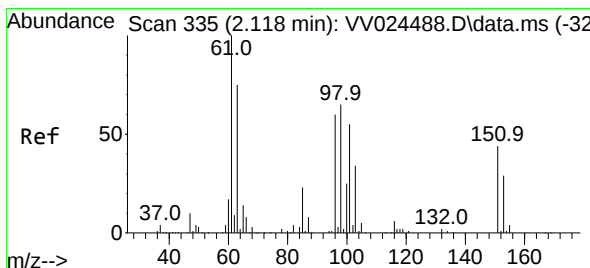
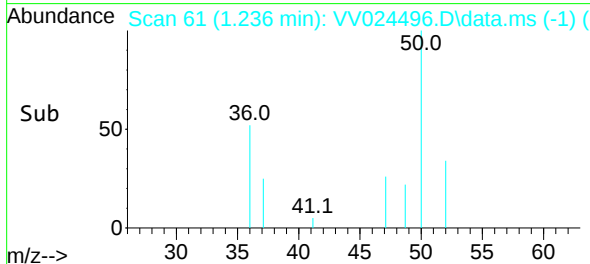
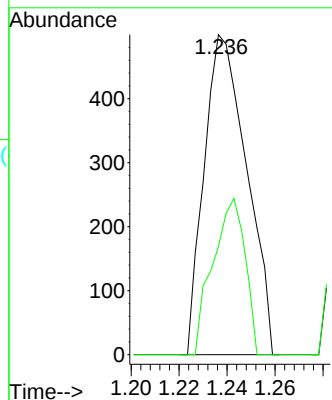
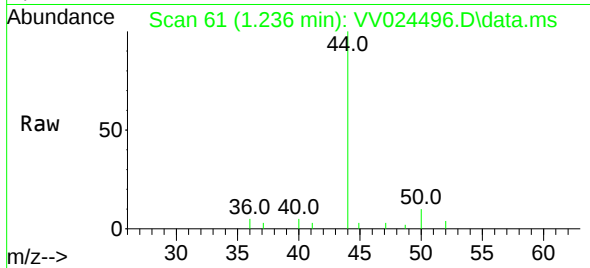




#3
Chloromethane
Concen: 0.053 ug/L
RT: 1.236 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV024496.D
Acq: 28 Jan 2022 19:11

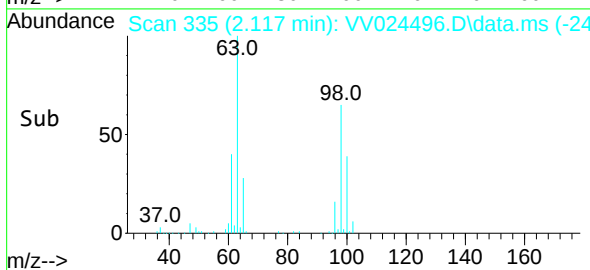
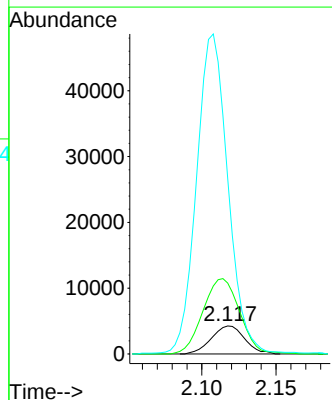
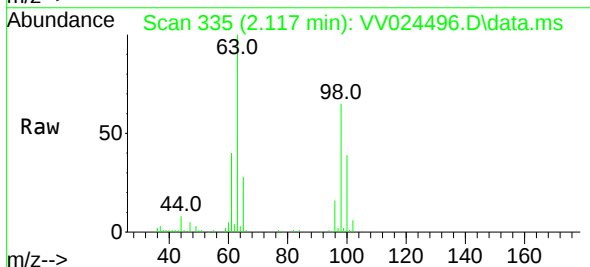
Instrument :
MSVOA_V
ClientSampleId :
COHM5

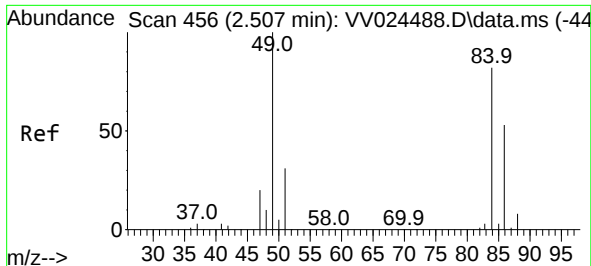
Tgt Ion: 50 Resp: 614
Ion Ratio Lower Upper
50 100
52 33.8 22.0 41.0



#12
1,1-Dichloroethene
Concen: 0.785 ug/L
RT: 2.117 min Scan# 335
Delta R.T. -0.000 min
Lab File: VV024496.D
Acq: 28 Jan 2022 19:11

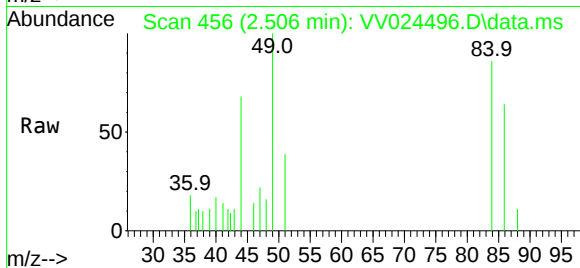
Tgt Ion: 96 Resp: 6628
Ion Ratio Lower Upper
96 100
61 252.9 116.1 215.5#
63 625.1 79.4 147.4#





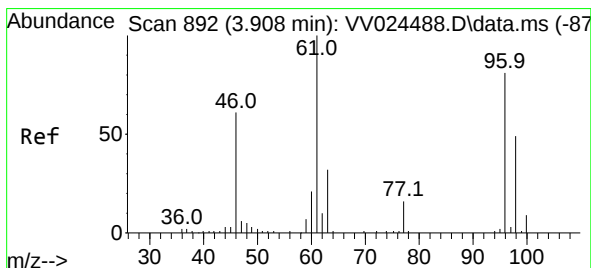
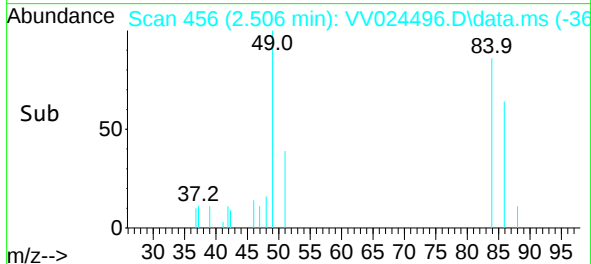
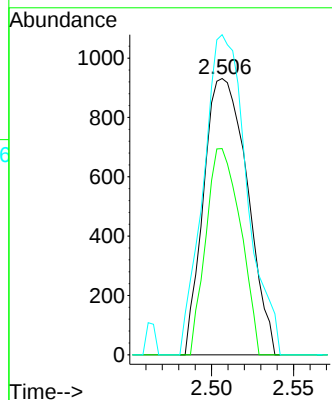
#16
Methylene chloride
Concen: 0.199 ug/L
RT: 2.506 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV024496.D
Acq: 28 Jan 2022 19:11

Instrument :
MSVOA_V
ClientSampleId :
COHM5



Tgt Ion: 84 Resp: 1720

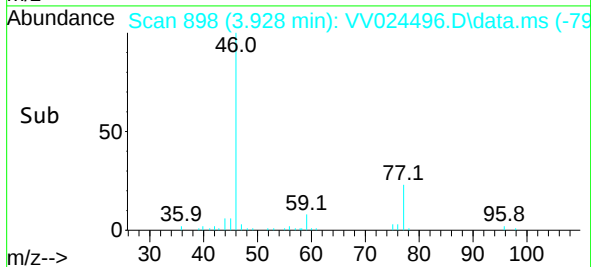
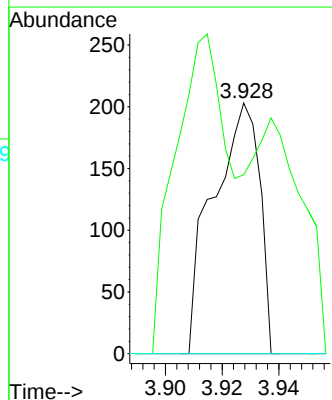
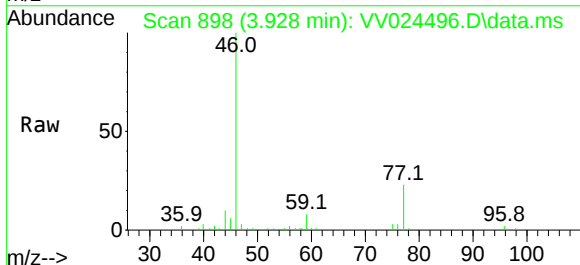
Ion	Ratio	Lower	Upper
84	100		
86	74.7	42.6	79.0
49	115.9	79.7	147.9

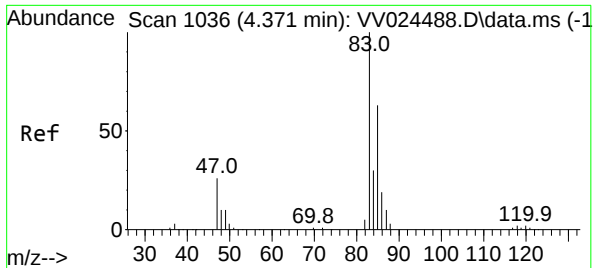


#22
cis-1,2-Dichloroethene
Concen: 0.028 ug/L
RT: 3.928 min Scan# 898
Delta R.T. 0.019 min
Lab File: VV024496.D
Acq: 28 Jan 2022 19:11

Tgt Ion: 96 Resp: 231

Ion	Ratio	Lower	Upper
96	100		
61	71.4	83.4	154.8#
68	0.0	0.0	0.0

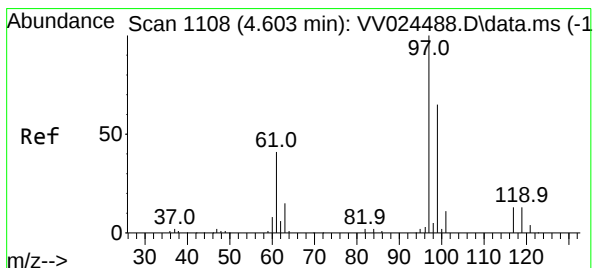
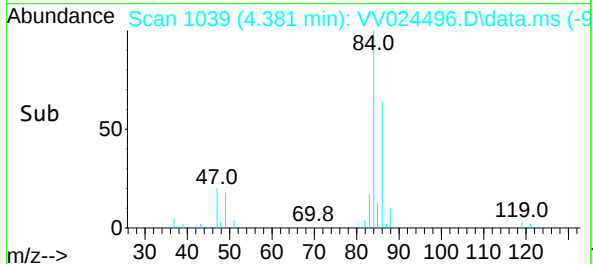
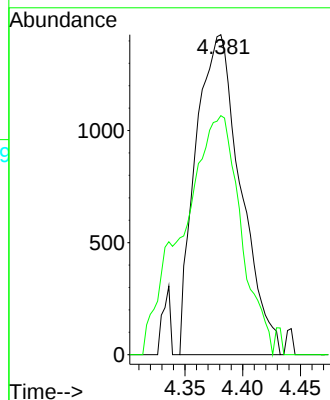
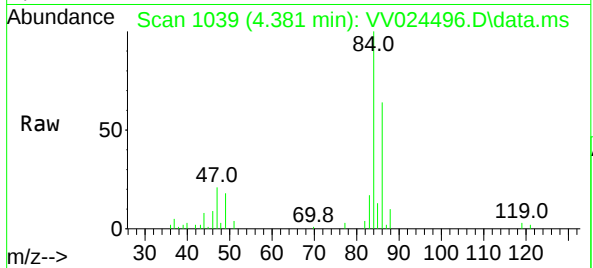




#25
Chloroform
Concen: 0.225 ug/L
RT: 4.381 min Scan# 1109
Delta R.T. 0.009 min
Lab File: VV024496.D
Acq: 28 Jan 2022 19:11

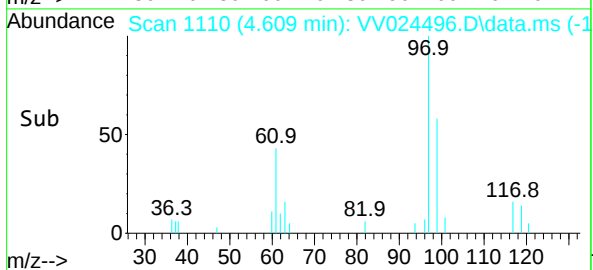
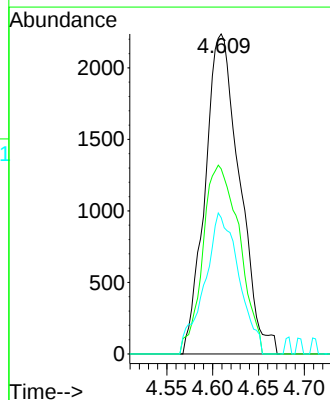
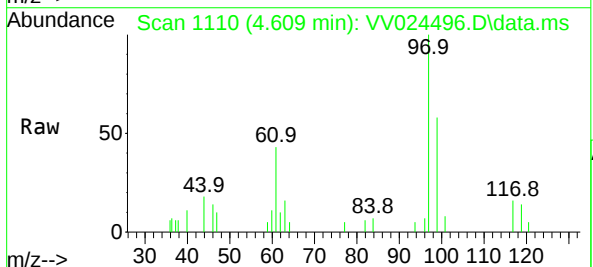
Instrument :
MSVOA_V
ClientSampleId :
COHM5

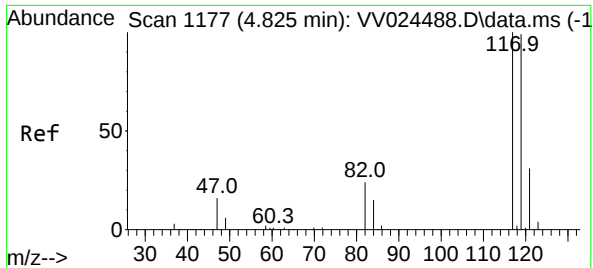
Tgt Ion: 83 Resp: 3863
Ion Ratio Lower Upper
83 100
85 74.7 45.2 84.0



#29
1,1,1-Trichloroethane
Concen: 0.414 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. 0.006 min
Lab File: VV024496.D
Acq: 28 Jan 2022 19:11

Tgt Ion: 97 Resp: 5859
Ion Ratio Lower Upper
97 100
99 62.5 51.9 77.9
61 43.7 33.2 49.8

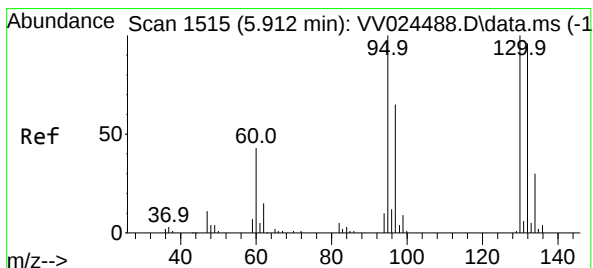
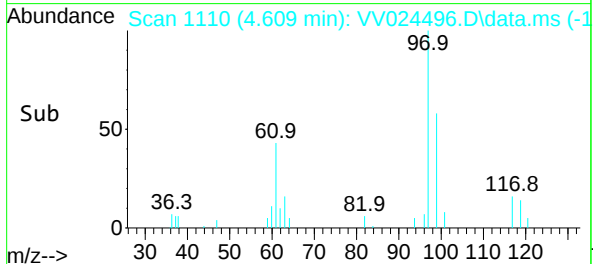
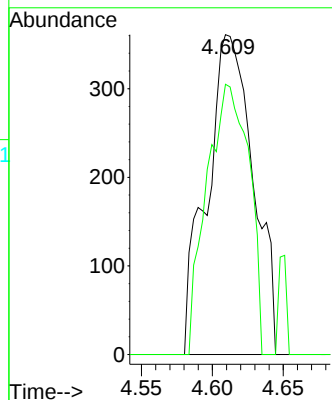
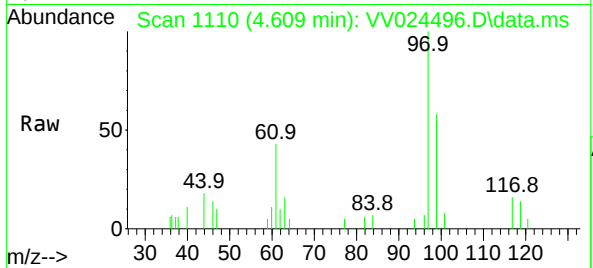




#31
Carbon tetrachloride
Concen: 0.064 ug/L
RT: 4.609 min Scan# 1177
Delta R.T. -0.216 min
Lab File: VV024496.D
Acq: 28 Jan 2022 19:11

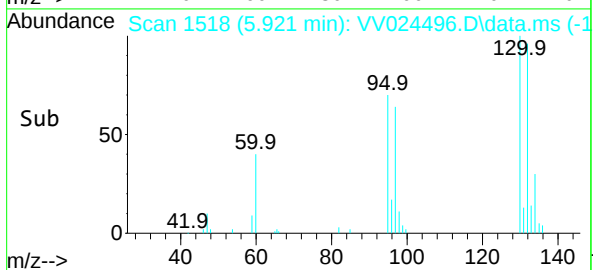
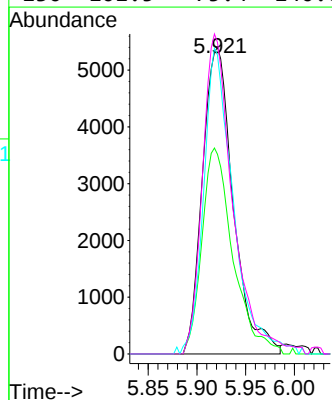
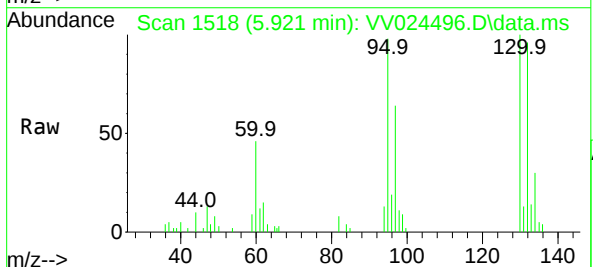
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ClientSampleId :
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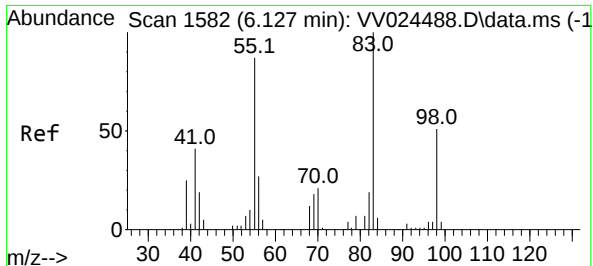
Tgt Ion:117 Resp: 822
Ion Ratio Lower Upper
117 100
119 76.9 76.6 114.8



#34
Trichloroethene
Concen: 1.288 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.009 min
Lab File: VV024496.D
Acq: 28 Jan 2022 19:11

Tgt Ion: 95 Resp: 11906
Ion Ratio Lower Upper
95 100
97 65.1 45.2 84.0
132 97.4 76.1 141.3
130 101.5 75.4 140.0

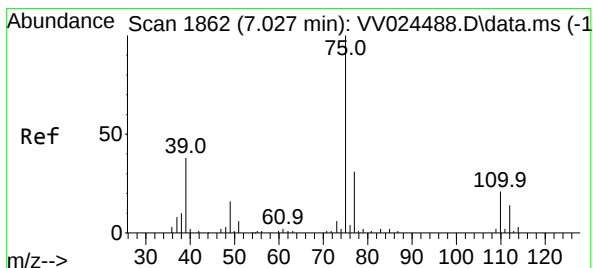
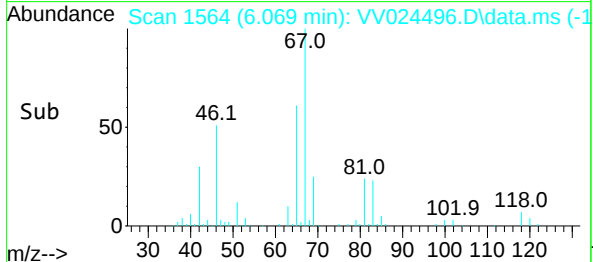
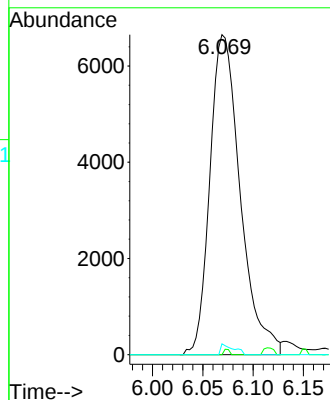
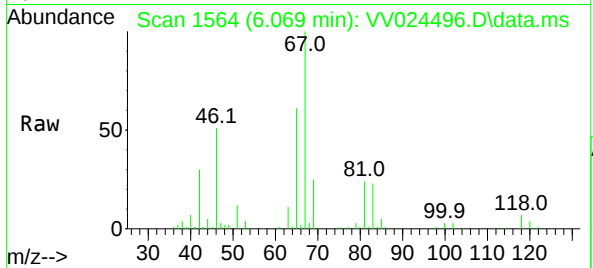




#35
Methylcyclohexane
Concen: 1.025 ug/L
RT: 6.069 min Scan# 11
Delta R.T. -0.058 min
Lab File: VV024496.D
Acq: 28 Jan 2022 19:11

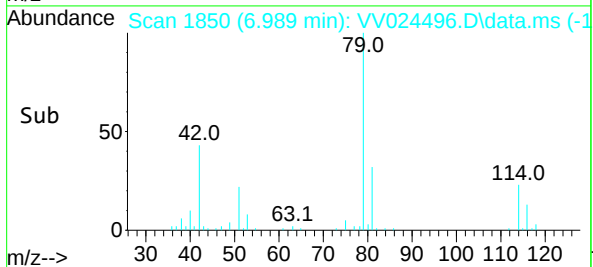
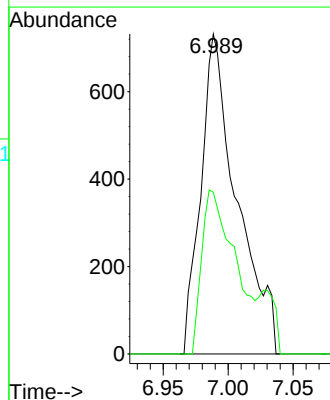
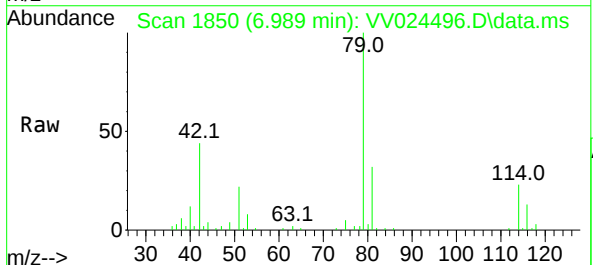
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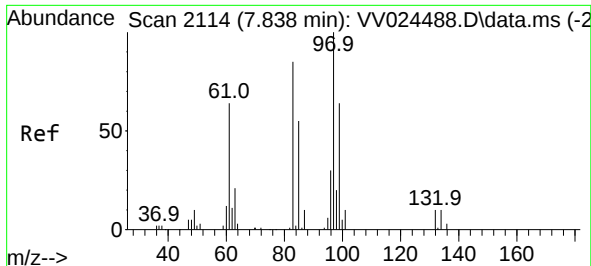
Tgt Ion: 83 Resp: 13968
Ion Ratio Lower Upper
83 100
55 0.3 60.2 90.2#
98 1.4 41.0 61.4#



#39
cis-1,3-Dichloropropene
Concen: 0.131 ug/L
RT: 6.989 min Scan# 1850
Delta R.T. -0.039 min
Lab File: VV024496.D
Acq: 28 Jan 2022 19:11

Tgt Ion: 75 Resp: 1414
Ion Ratio Lower Upper
75 100
77 50.5 22.0 41.0#





#45

1,1,2-Trichloroethane

Concen: 0.437 ug/L

RT: 7.969 min Scan# 2115

Delta R.T. 0.132 min

Lab File: VV024496.D

Acq: 28 Jan 2022 19:11

Instrument :

MSVOA_V

ClientSampleId :

COHM5

Tgt Ion: 97 Resp: 2374

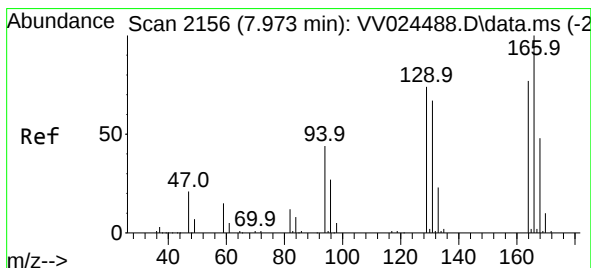
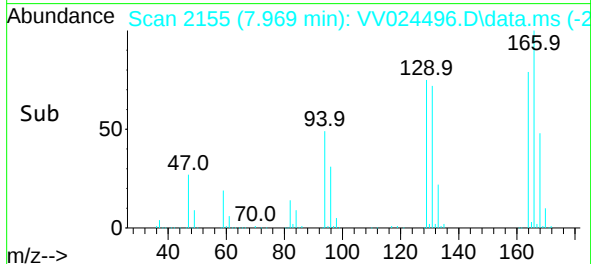
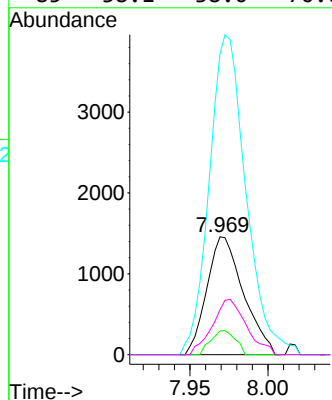
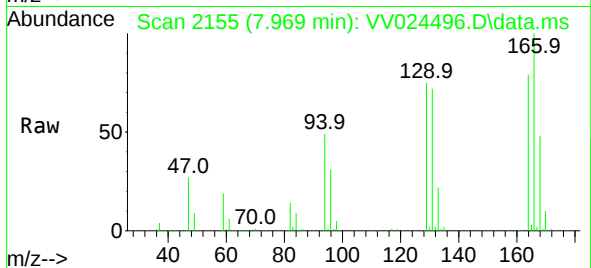
Ion Ratio Lower Upper

97 100

99 20.0 43.1 80.1#

83 255.2 57.9 107.5#

85 38.1 38.0 70.6



#47

Tetrachloroethene

Concen: 35.747 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV024496.D

Acq: 28 Jan 2022 19:11

Tgt Ion:164 Resp: 260228

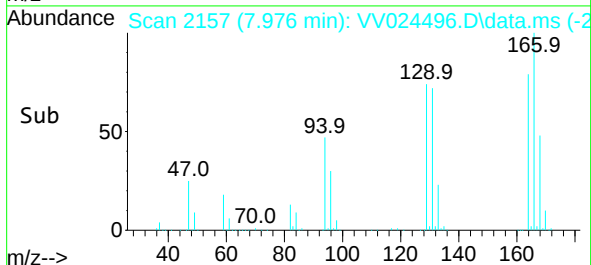
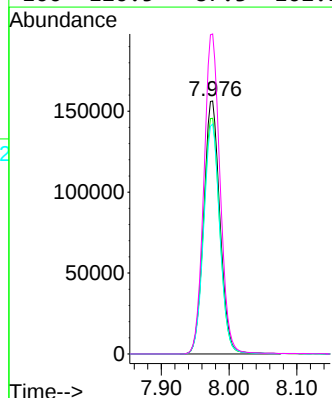
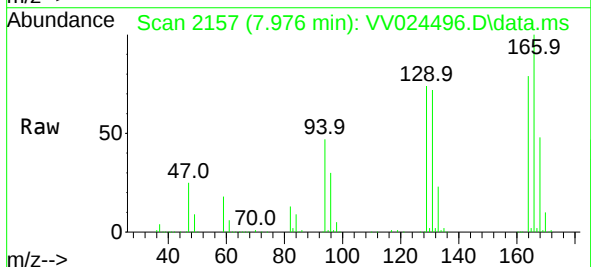
Ion Ratio Lower Upper

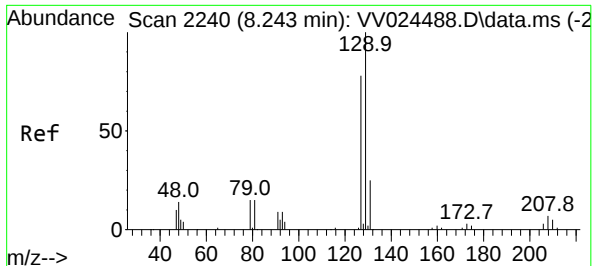
164 100

129 93.2 62.6 116.2

131 90.9 61.0 113.4

166 126.5 87.3 162.1





#49

Dibromochloromethane

Concen: 35.101 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV024496.D

Acq: 28 Jan 2022 19:11

Instrument :

MSVOA_V

ClientSampleId :

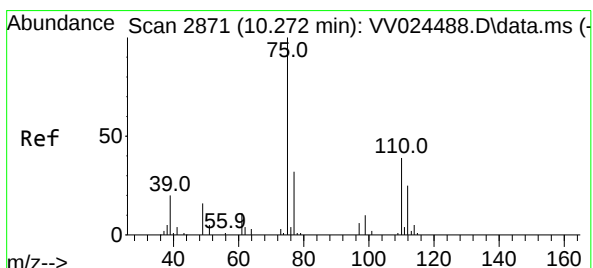
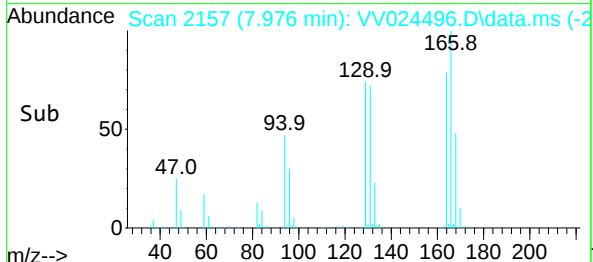
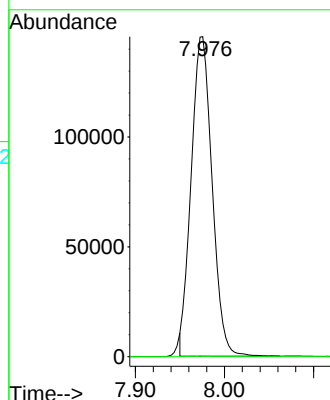
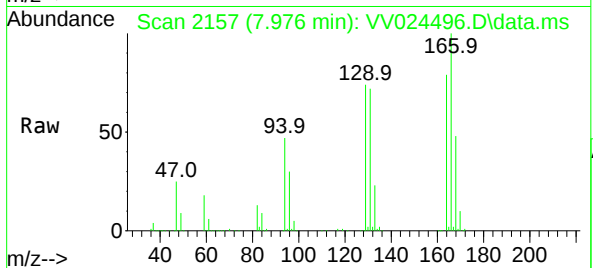
COHM5

Tgt Ion:129 Resp: 237245

Ion Ratio Lower Upper

129 100

127 0.1 53.5 99.3#



#61

1,2,3-Trichloropropane

Concen: 1.954 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV024496.D

Acq: 28 Jan 2022 19:11

Tgt Ion: 75 Resp: 6754

Ion Ratio Lower Upper

75 100

77 32.8 26.4 39.6

110 2.1 34.2 51.2#

