

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012822\
 Data File : VV024507.D
 Acq On : 28 Jan 2022 23:28
 Operator : SY/MD
 Sample : N1328-17 100X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COHN6

Quant Time: Jan 29 03:55:54 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)

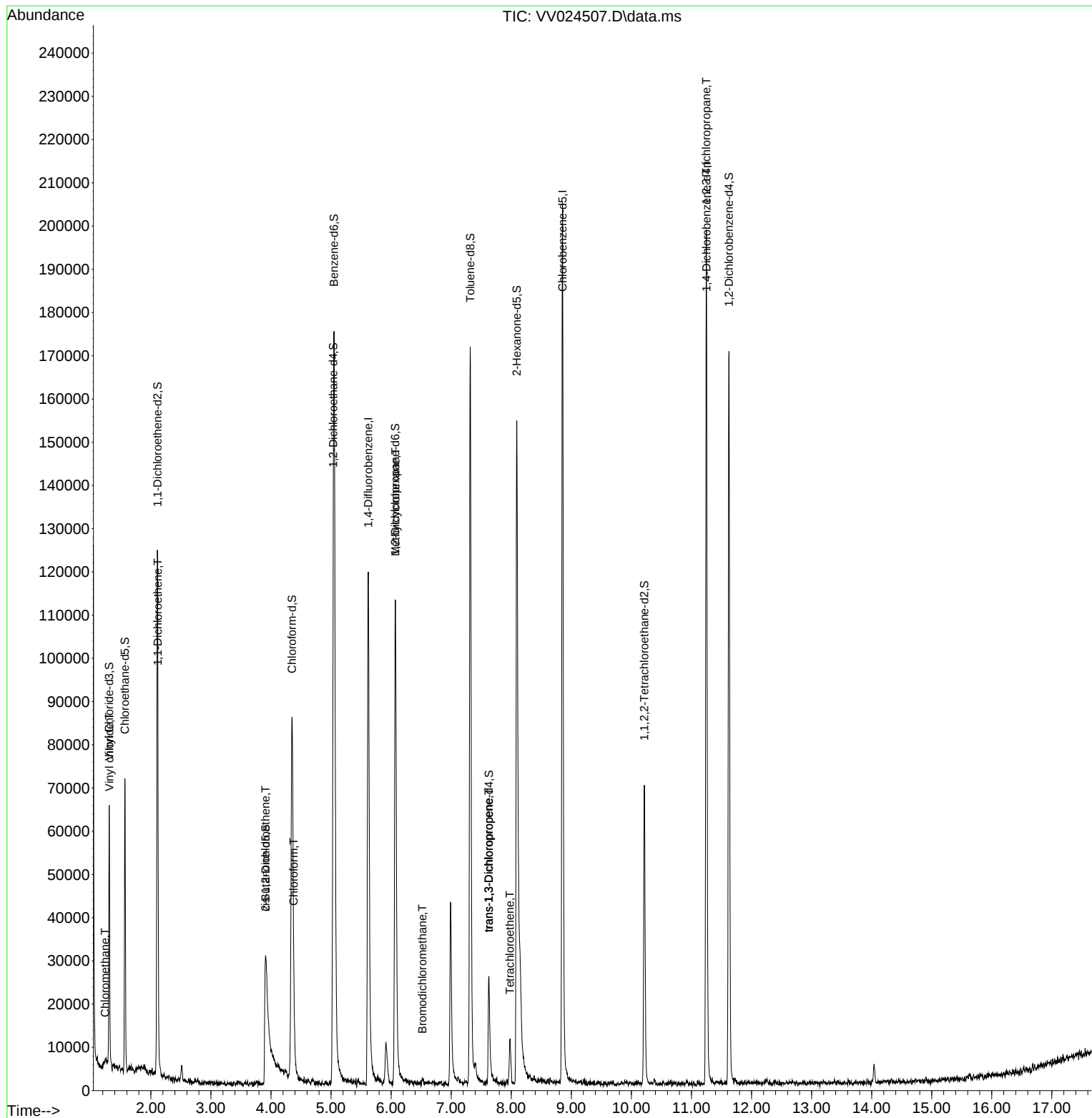
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	100705	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	111269	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	49918	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	36657	4.155	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	83.000%	
7) Chloroethane-d5	1.568	69	41721	5.421	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	108.400%	
11) 1,1-Dichloroethene-d2	2.111	63	66001	3.914	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	78.200%	
20) 2-Butanone-d5	3.908	46	74317	52.852	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	105.700%	
24) Chloroform-d	4.349	84	89627	5.353	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	107.000%	
26) 1,2-Dichloroethane-d4	5.037	65	44139	5.821	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	116.400%	
32) Benzene-d6	5.050	84	151585	4.562	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.200%	
36) 1,2-Dichloropropane-d6	6.069	67	54969	5.253	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	105.000%	
41) Toluene-d8	7.316	98	112956	3.705	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	74.000%	
43) trans-1,3-Dichloroprop...	7.628	79	15675	4.362	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.200%	
46) 2-Hexanone-d5	8.091	63	59777	48.652	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	97.300%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	34758	5.580	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	111.600%	
66) 1,2-Dichlorobenzene-d4	11.625	152	43134	5.039	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	100.800%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	498	0.048	ug/L #	47
5) Vinyl chloride	1.310	62	485	0.047	ug/L #	1
12) 1,1-Dichloroethene	2.117	96	1056	0.140	ug/L #	1
22) cis-1,2-Dichloroethene	3.908	96	633	0.087	ug/L	74
25) Chloroform	4.378	83	4482	0.292	ug/L	84
35) Methylcyclohexane	6.072	83	12951	1.043	ug/L #	20
38) Bromodichloromethane	6.519	83	662	0.067	ug/L #	90
44) trans-1,3-Dichloropropene	7.625	75	867	0.106	ug/L	98
47) Tetrachloroethene	7.979	164	2600	0.392	ug/L	94
61) 1,2,3-Trichloropropane	11.246	75	6421	2.076	ug/L #	63

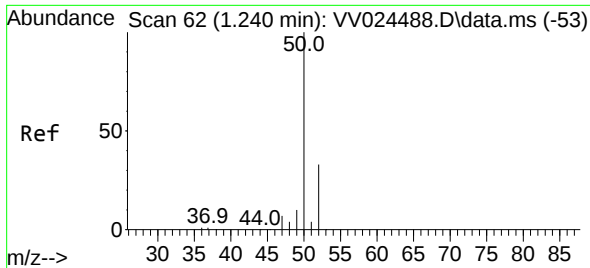
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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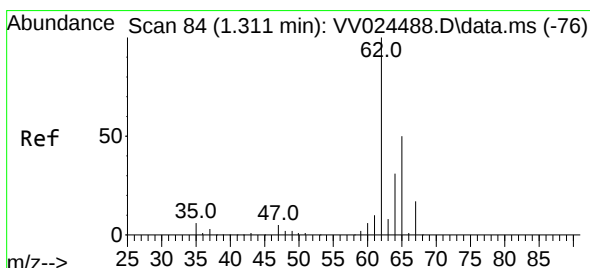
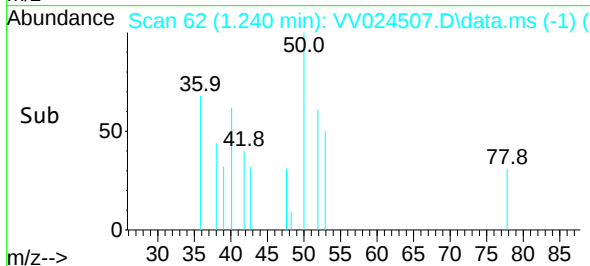
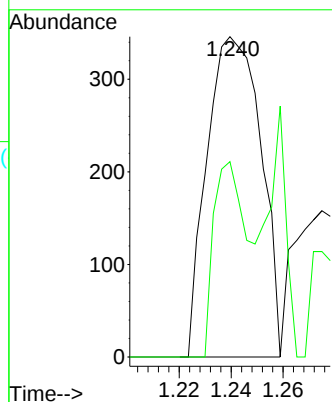
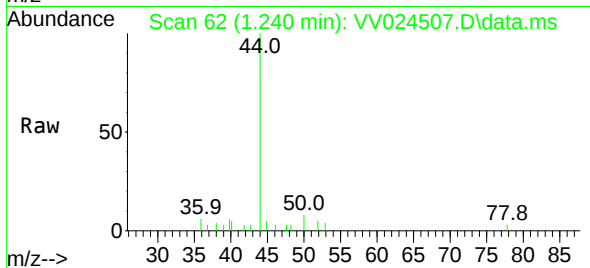




#3
Chloromethane
Concen: 0.048 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV024507.D
Acq: 28 Jan 2022 23:28

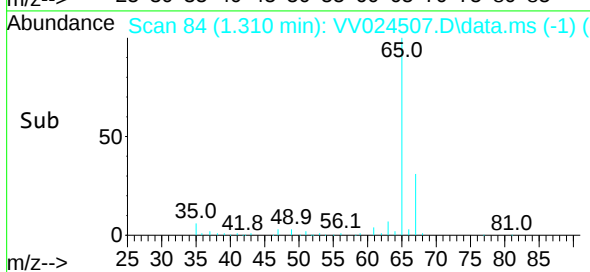
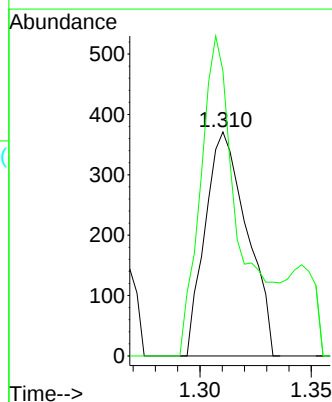
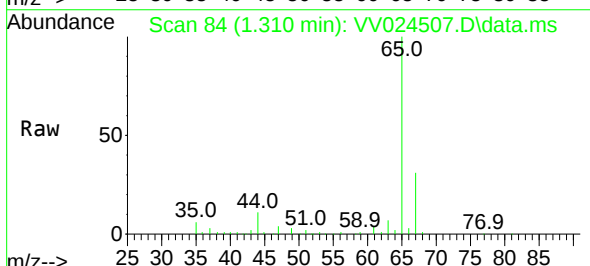
Instrument :
MSVOA_V
ClientSampleId :
COHN6

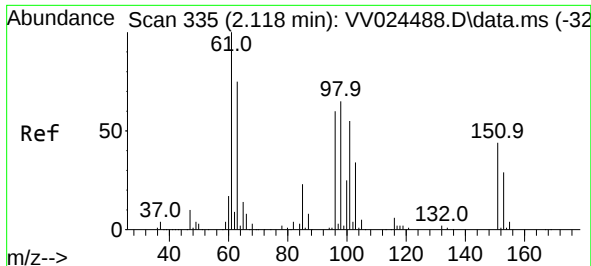
Tgt Ion: 50 Resp: 498
Ion Ratio Lower Upper
50 100
52 61.0 22.0 41.0#



#5
Vinyl chloride
Concen: 0.047 ug/L
RT: 1.310 min Scan# 84
Delta R.T. -0.000 min
Lab File: VV024507.D
Acq: 28 Jan 2022 23:28

Tgt Ion: 62 Resp: 485
Ion Ratio Lower Upper
62 100
64 127.2 22.4 41.6#

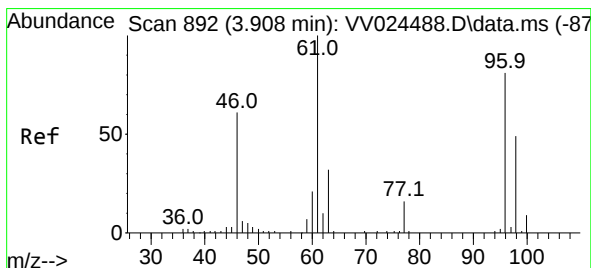
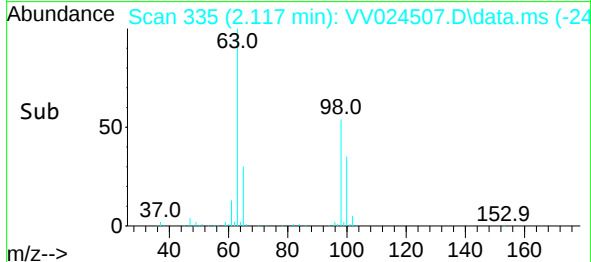
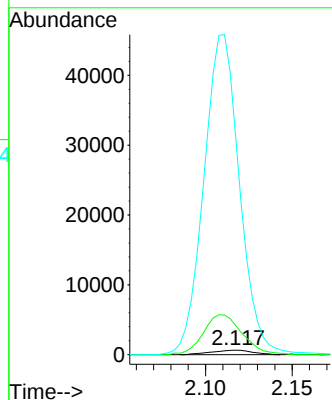
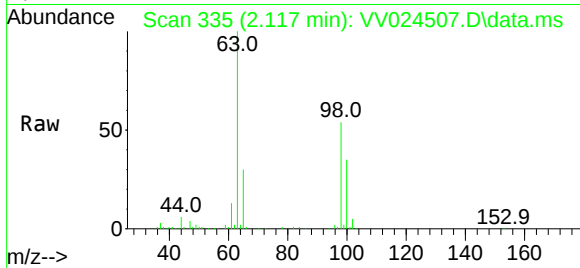




#12
1,1-Dichloroethene
Concen: 0.140 ug/L
RT: 2.117 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV024507.D
Acq: 28 Jan 2022 23:28

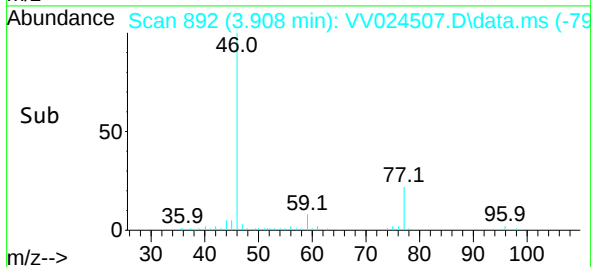
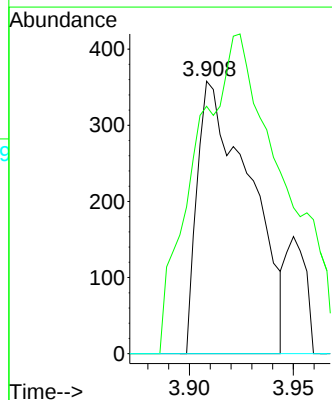
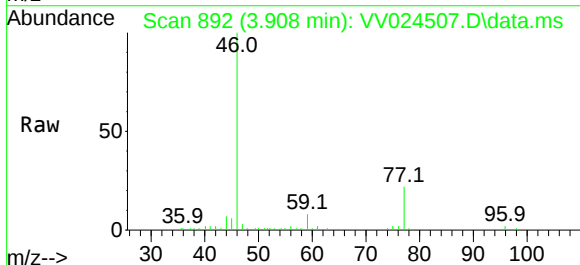
Instrument :
MSVOA_V
ClientSampleId :
COHN6

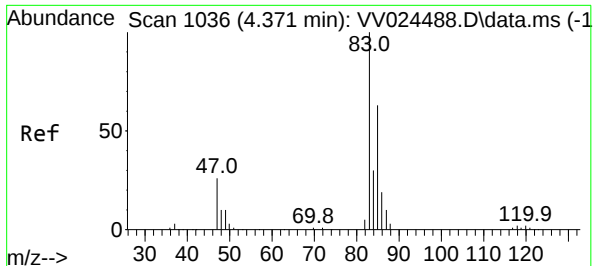
Tgt Ion: 96 Resp: 1056
Ion Ratio Lower Upper
96 100
61 649.5 116.1 215.5#
63 4854.4 79.4 147.4#



#22
cis-1,2-Dichloroethene
Concen: 0.087 ug/L
RT: 3.908 min Scan# 892
Delta R.T. -0.000 min
Lab File: VV024507.D
Acq: 28 Jan 2022 23:28

Tgt Ion: 96 Resp: 633
Ion Ratio Lower Upper
96 100
61 90.8 83.4 154.8
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.292 ug/L

RT: 4.378 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV024507.D

Acq: 28 Jan 2022 23:28

Instrument :

MSVOA_V

ClientSampleId :

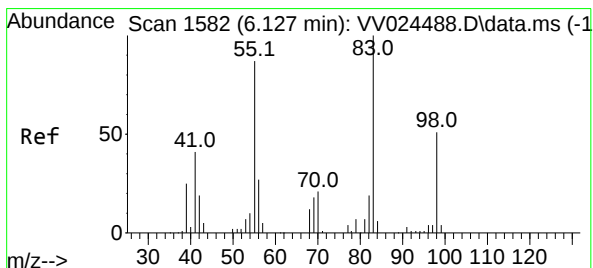
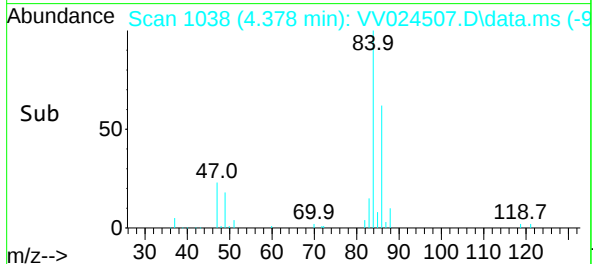
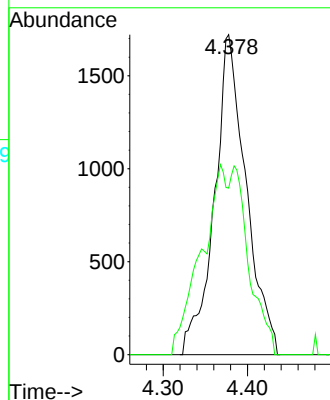
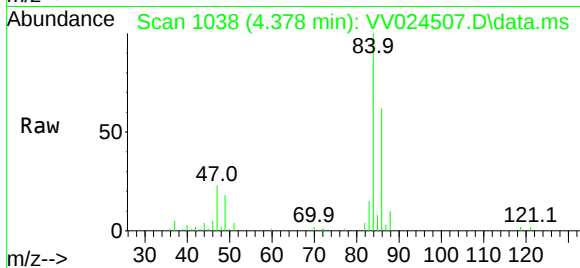
COHN6

Tgt Ion: 83 Resp: 4482

Ion Ratio Lower Upper

83 100

85 52.1 45.2 84.0



#35

Methylcyclohexane

Concen: 1.043 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.055 min

Lab File: VV024507.D

Acq: 28 Jan 2022 23:28

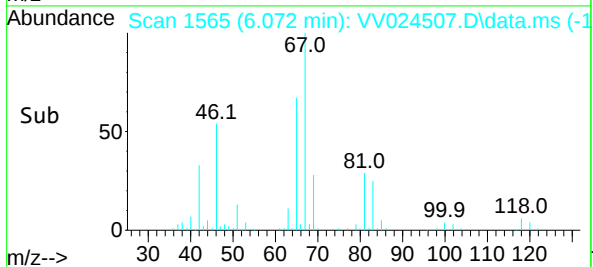
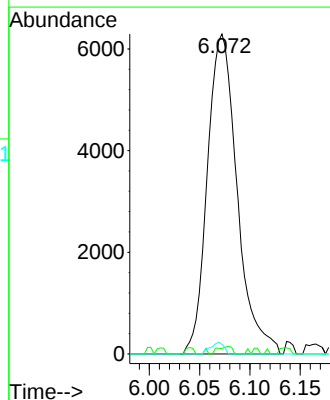
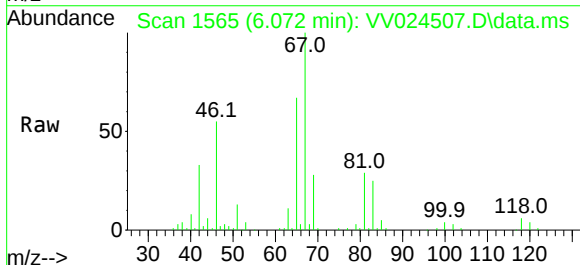
Tgt Ion: 83 Resp: 12951

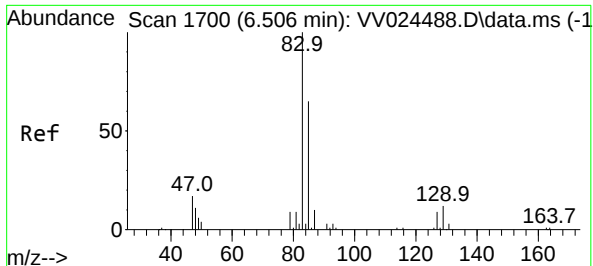
Ion Ratio Lower Upper

83 100

55 1.1 60.2 90.2#

98 1.6 41.0 61.4#

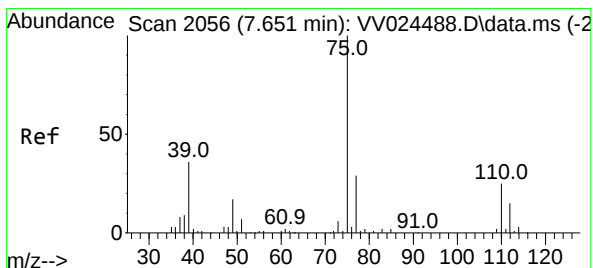
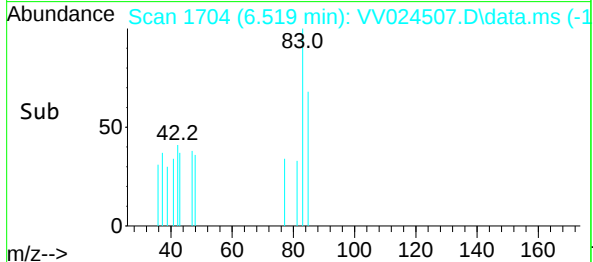
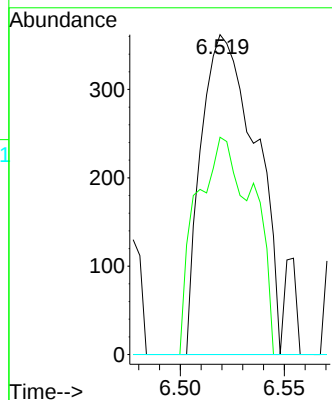
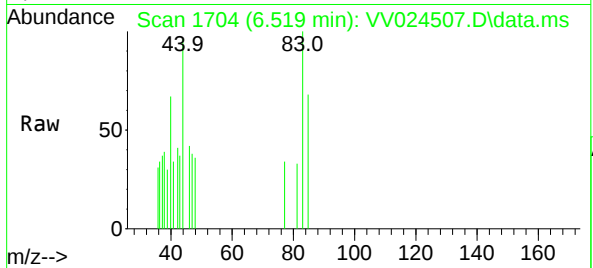




#38
Bromodichloromethane
Concen: 0.067 ug/L
RT: 6.519 min Scan# 11
Delta R.T. 0.013 min
Lab File: VV024507.D
Acq: 28 Jan 2022 23:28

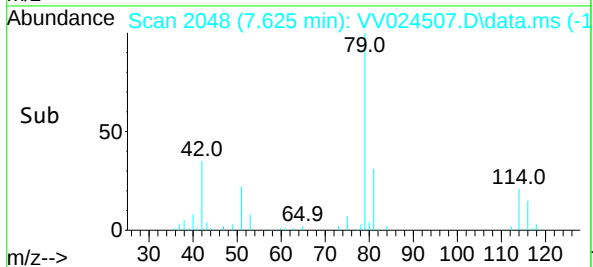
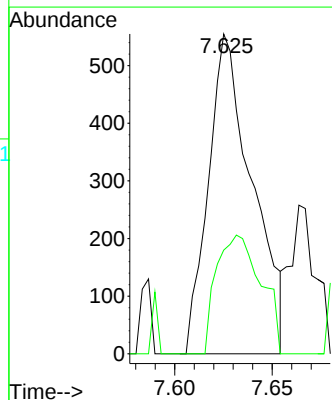
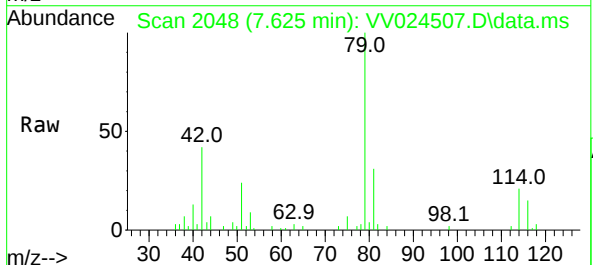
Instrument :
MSVOA_V
ClientSampleId :
COHN6

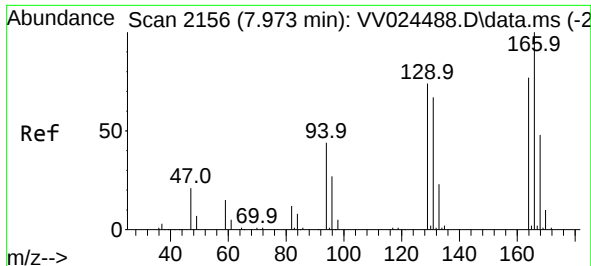
Tgt Ion: 83 Resp: 662
Ion Ratio Lower Upper
83 100
85 68.0 44.0 81.8
127 0.0 8.6 12.8#



#44
trans-1,3-Dichloropropene
Concen: 0.106 ug/L
RT: 7.625 min Scan# 2048
Delta R.T. -0.026 min
Lab File: VV024507.D
Acq: 28 Jan 2022 23:28

Tgt Ion: 75 Resp: 867
Ion Ratio Lower Upper
75 100
77 32.4 21.8 40.4





#47

Tetrachloroethene

Concen: 0.392 ug/L

RT: 7.979 min Scan# 2156

Delta R.T. 0.006 min

Lab File: VV024507.D

Acq: 28 Jan 2022 23:28

Instrument :

MSVOA_V

ClientSampleId :

COHN6

Tgt Ion:164 Resp: 2600

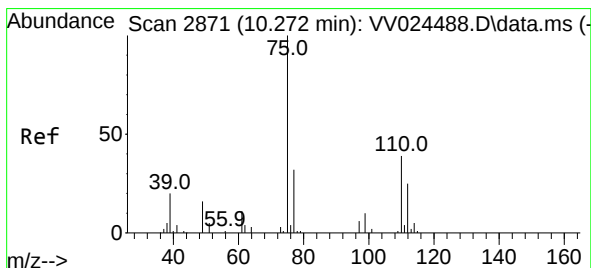
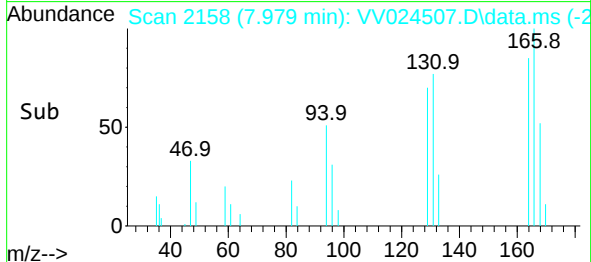
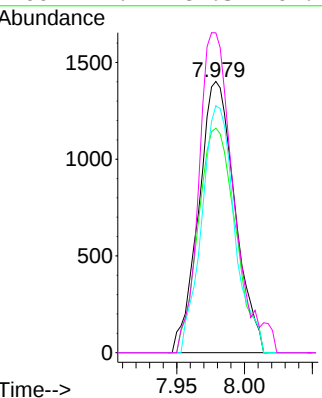
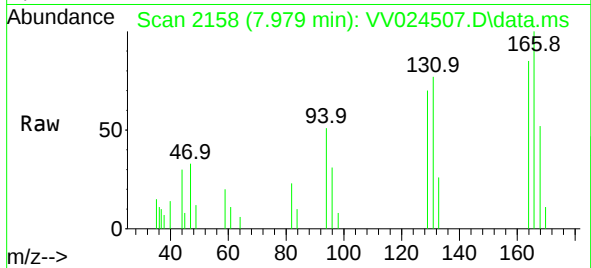
Ion Ratio Lower Upper

164 100

129 82.7 62.6 116.2

131 91.1 61.0 113.4

166 117.9 87.3 162.1



#61

1,2,3-Trichloropropane

Concen: 2.076 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV024507.D

Acq: 28 Jan 2022 23:28

Tgt Ion: 75 Resp: 6421

Ion Ratio Lower Upper

75 100

77 33.0 26.4 39.6

110 1.2 34.2 51.2#

