

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012822\
 Data File : VW024505.D
 Acq On : 28 Jan 2022 22:41
 Operator : SY/MD
 Sample : N1328-15 100X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COHN4

Quant Time: Jan 29 03:55:24 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	101711	5.000 ug/L	0.00
28) Chlorobenzene-d5	8.854	117	111030	5.000 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	50623	5.000 ug/L	0.00

System Monitoring Compounds					
4) Vinyl Chloride-d3	1.307	65	39380	4.419 ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 88.400%
7) Chloroethane-d5	1.568	69	42541	5.473 ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 109.400%
11) 1,1-Dichloroethene-d2	2.108	63	71755	4.213 ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 84.200%
20) 2-Butanone-d5	3.908	46	70723	49.799 ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 99.600%
24) Chloroform-d	4.349	84	92934	5.496 ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 110.000%
26) 1,2-Dichloroethane-d4	5.037	65	45686	5.966 ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 119.400%
32) Benzene-d6	5.053	84	153842	4.639 ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 92.800%
36) 1,2-Dichloropropane-d6	6.069	67	57106	5.469 ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 109.400%
41) Toluene-d8	7.317	98	115798	3.806 ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 76.200%
43) trans-1,3-Dichloroprop...	7.629	79	15567	4.341 ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 86.800%
46) 2-Hexanone-d5	8.092	63	64265	52.417 ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 104.840%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	35577	5.724 ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 114.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	43997	5.068 ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 101.400%

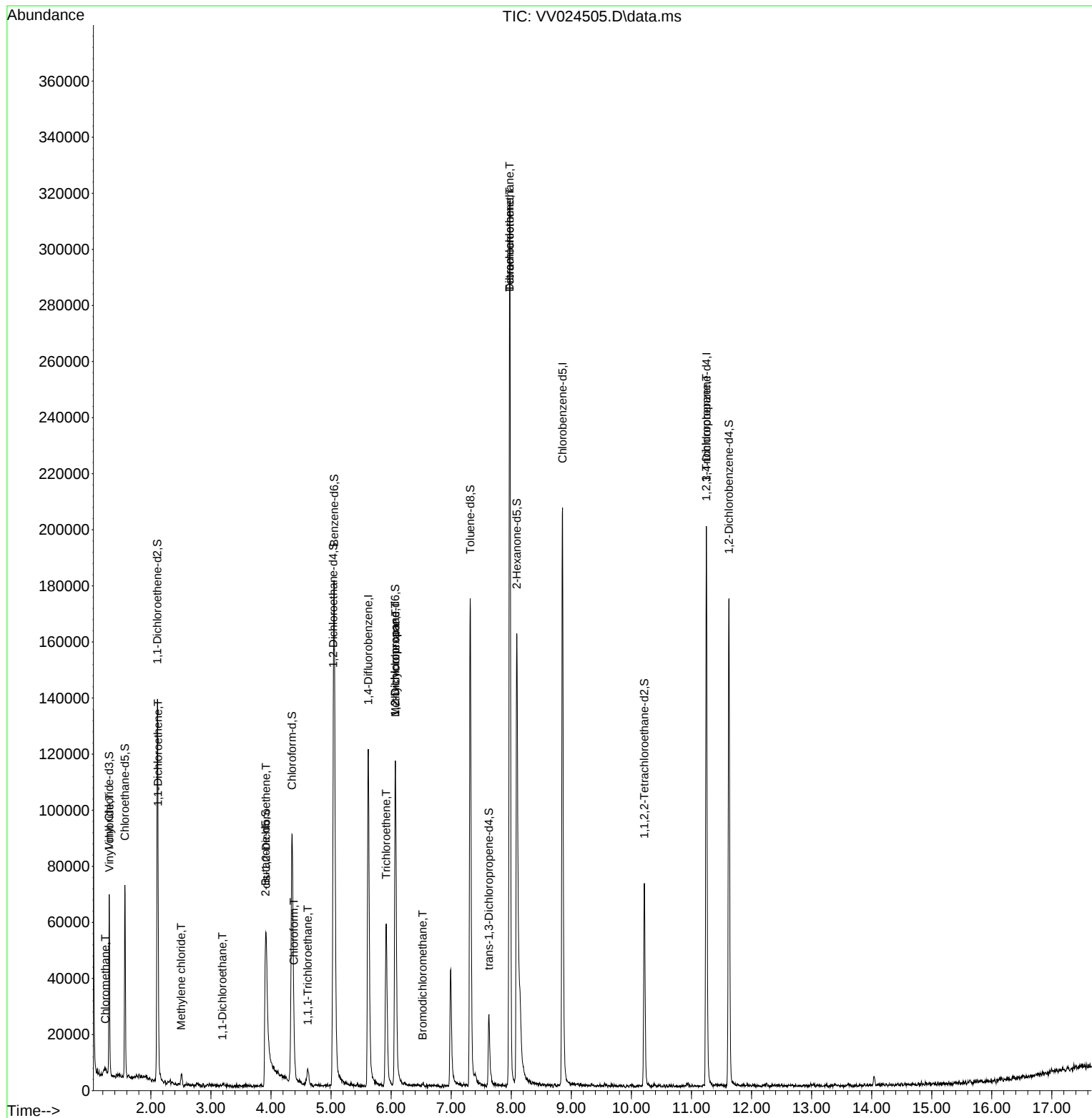
Target Compounds				Qvalue	
3) Chloromethane	1.243	50	771	0.074 ug/L #	75
5) Vinyl chloride	1.310	62	543	0.052 ug/L #	1
12) 1,1-Dichloroethene	2.121	96	5726	0.749 ug/L #	1
16) Methylene chloride	2.507	84	1518	0.194 ug/L	91
19) 1,1-Dichloroethane	3.191	63	1059	0.077 ug/L #	60
22) cis-1,2-Dichloroethene	3.918	96	15590	2.116 ug/L	84
25) Chloroform	4.381	83	4492	0.289 ug/L	100
29) 1,1,1-Trichloroethane	4.613	97	4362	0.339 ug/L #	89
34) Trichloroethene	5.918	95	20059	2.388 ug/L	93
35) Methylcyclohexane	6.072	83	13229	1.068 ug/L #	18
37) 1,2-Dichloropropane	6.069	63	6644	0.910 ug/L #	86
38) Bromodichloromethane	6.526	83	749	0.076 ug/L #	89
47) Tetrachloroethene	7.976	164	67987	10.274 ug/L	96
49) Dibromochloromethane	7.976	129	62007	10.093 ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	6353	2.025 ug/L #	62

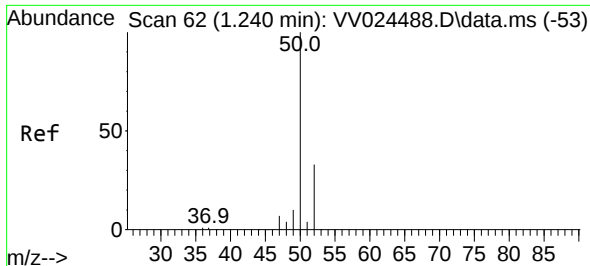
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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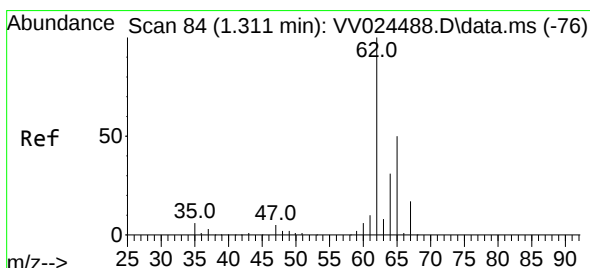
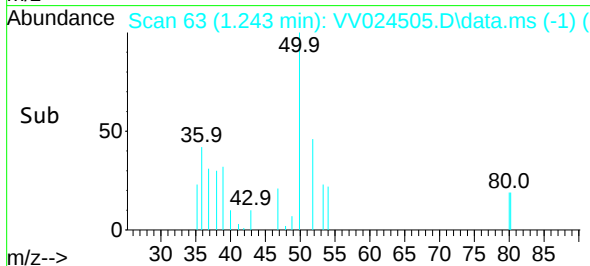
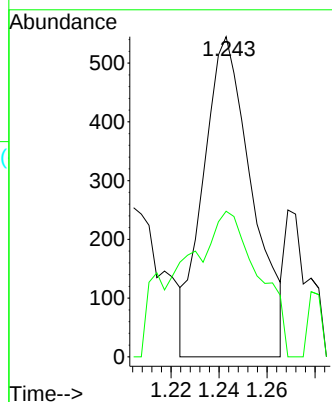
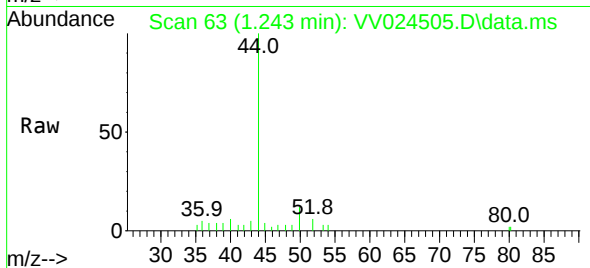




#3
Chloromethane
Concen: 0.074 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV024505.D
Acq: 28 Jan 2022 22:41

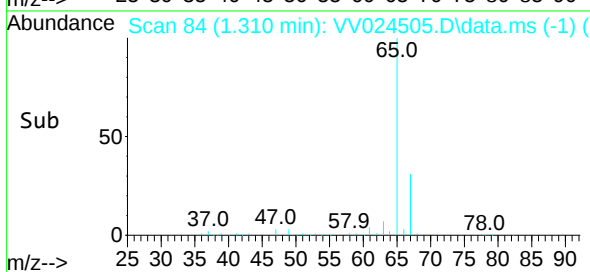
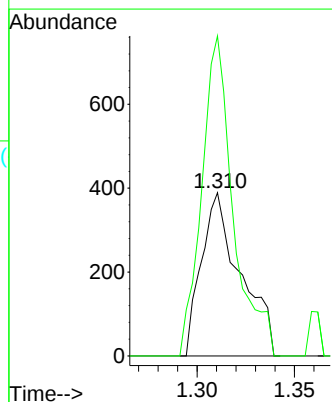
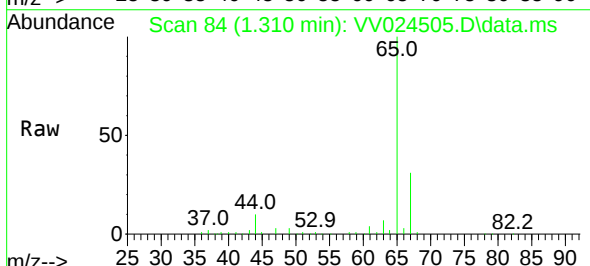
Instrument :
MSVOA_V
ClientSampleId :
COHN4

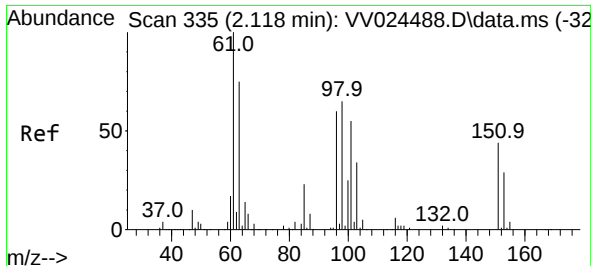
Tgt Ion: 50 Resp: 771
Ion Ratio Lower Upper
50 100
52 45.5 22.0 41.0#



#5
Vinyl chloride
Concen: 0.052 ug/L
RT: 1.310 min Scan# 84
Delta R.T. -0.000 min
Lab File: VV024505.D
Acq: 28 Jan 2022 22:41

Tgt Ion: 62 Resp: 543
Ion Ratio Lower Upper
62 100
64 196.1 22.4 41.6#

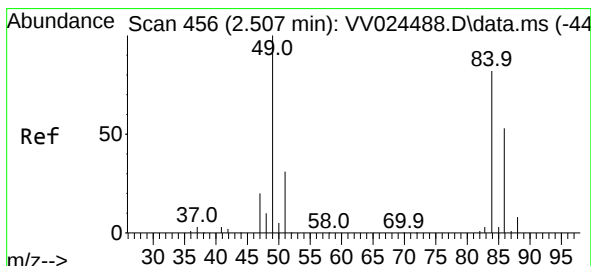
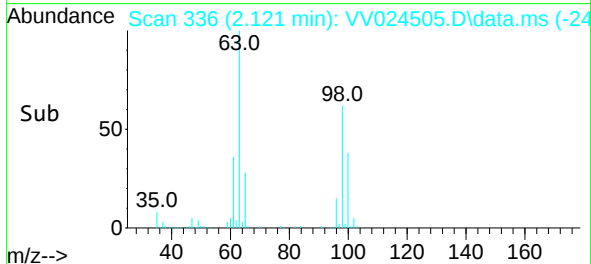
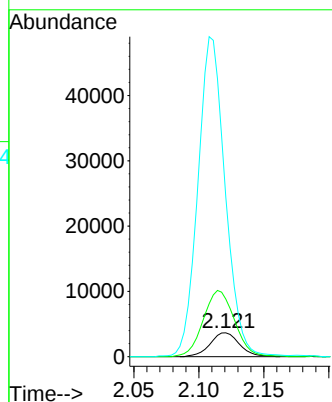
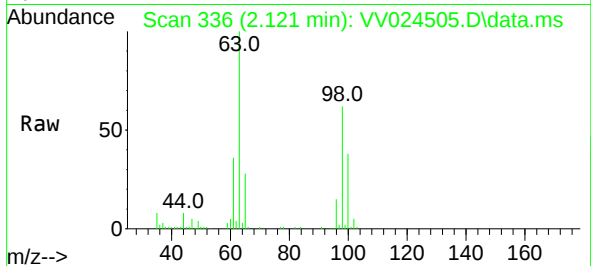




#12
1,1-Dichloroethene
Concen: 0.749 ug/L
RT: 2.121 min Scan# 311
Delta R.T. 0.003 min
Lab File: VV024505.D
Acq: 28 Jan 2022 22:41

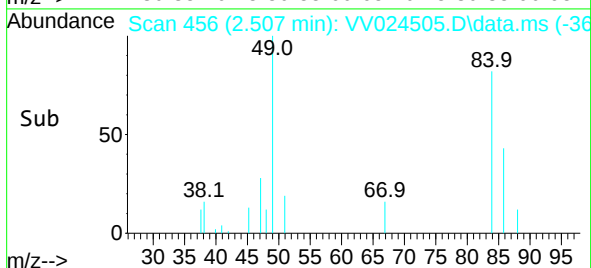
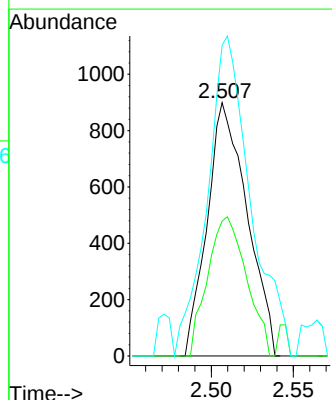
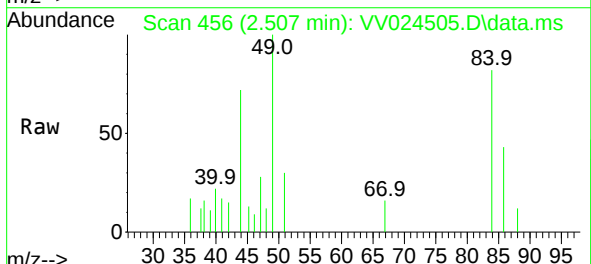
Instrument :
MSVOA_V
ClientSampleId :
COHN4

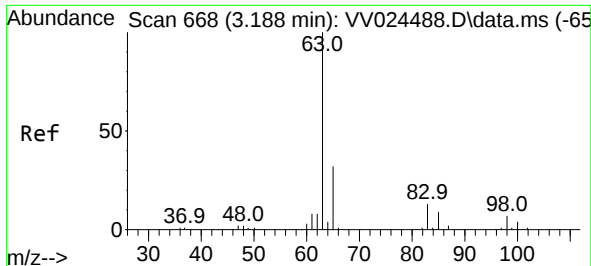
Tgt Ion: 96 Resp: 5726
Ion Ratio Lower Upper
96 100
61 242.3 116.1 215.5#
63 670.8 79.4 147.4#



#16
Methylene chloride
Concen: 0.194 ug/L
RT: 2.507 min Scan# 456
Delta R.T. -0.000 min
Lab File: VV024505.D
Acq: 28 Jan 2022 22:41

Tgt Ion: 84 Resp: 1518
Ion Ratio Lower Upper
84 100
86 53.3 42.6 79.0
49 122.7 79.7 147.9

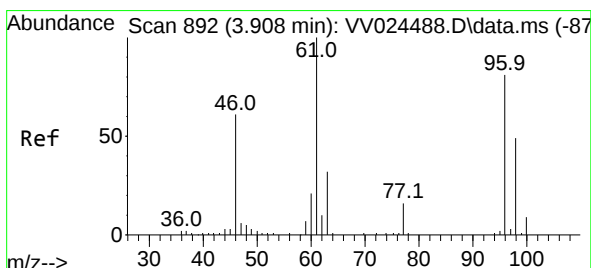
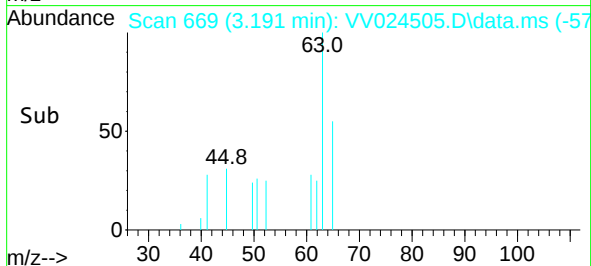
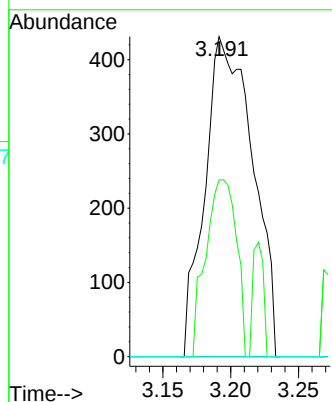
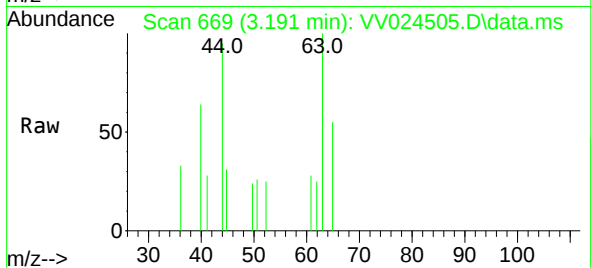




#19
1,1-Dichloroethane
Concen: 0.077 ug/L
RT: 3.191 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV024505.D
Acq: 28 Jan 2022 22:41

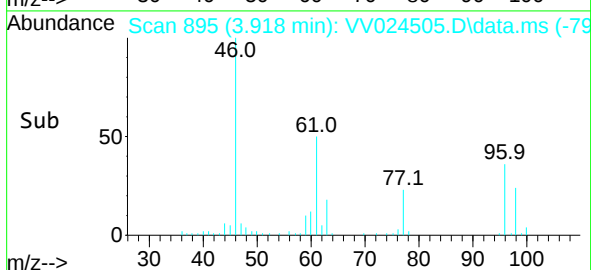
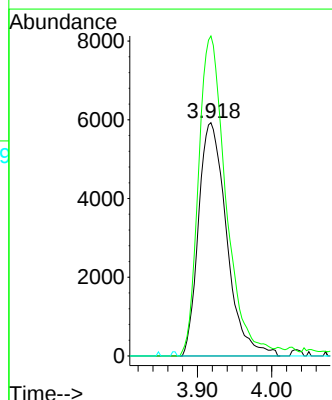
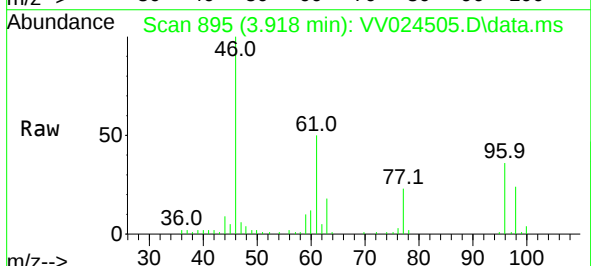
Instrument :
MSVOA_V
ClientSampleId :
COHN4

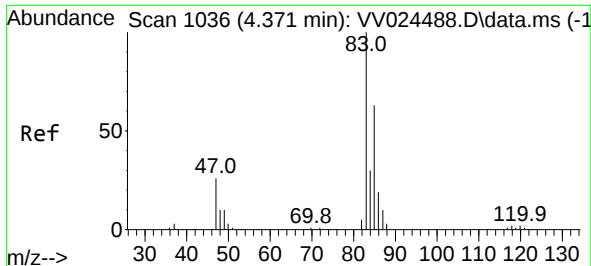
Tgt Ion: 63 Resp: 1059
Ion Ratio Lower Upper
63 100
65 55.2 22.3 41.3#
83 0.0 10.7 19.9#



#22
cis-1,2-Dichloroethene
Concen: 2.116 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.010 min
Lab File: VV024505.D
Acq: 28 Jan 2022 22:41

Tgt Ion: 96 Resp: 15590
Ion Ratio Lower Upper
96 100
61 137.2 83.4 154.8
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.289 ug/L

RT: 4.381 min Scan# 1109

Delta R.T. 0.010 min

Lab File: VV024505.D

Acq: 28 Jan 2022 22:41

Instrument :

MSVOA_V

ClientSampleId :

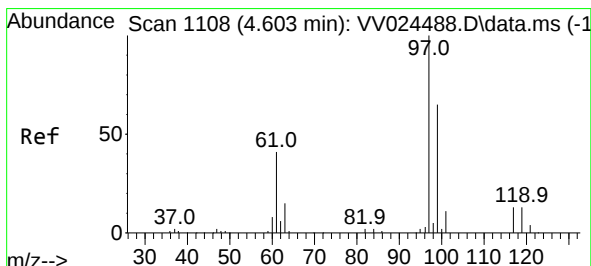
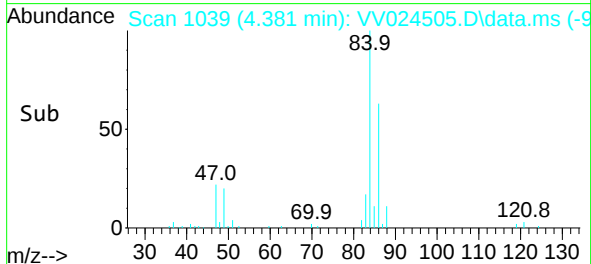
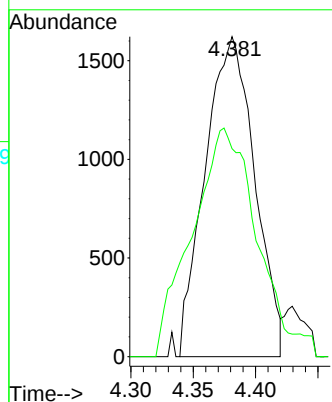
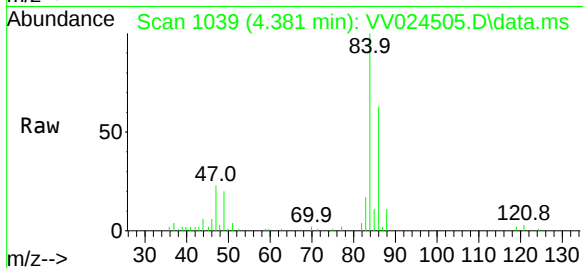
COHN4

Tgt Ion: 83 Resp: 4492

Ion Ratio Lower Upper

83 100

85 65.0 45.2 84.0



#29

1,1,1-Trichloroethane

Concen: 0.339 ug/L

RT: 4.613 min Scan# 1111

Delta R.T. 0.010 min

Lab File: VV024505.D

Acq: 28 Jan 2022 22:41

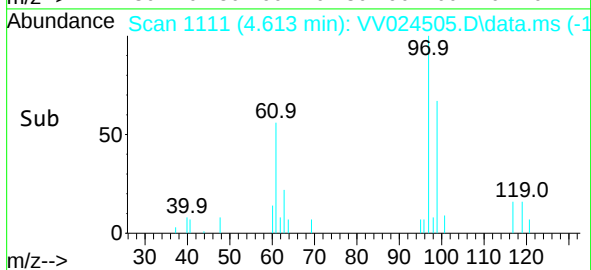
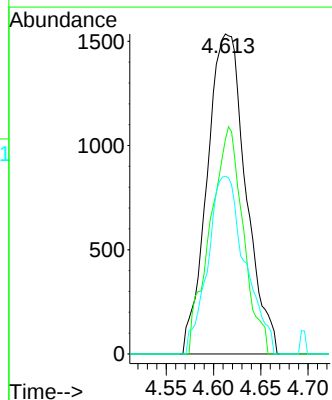
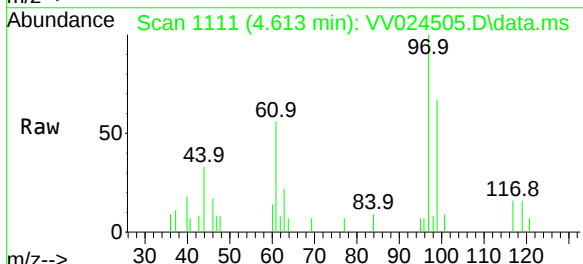
Tgt Ion: 97 Resp: 4362

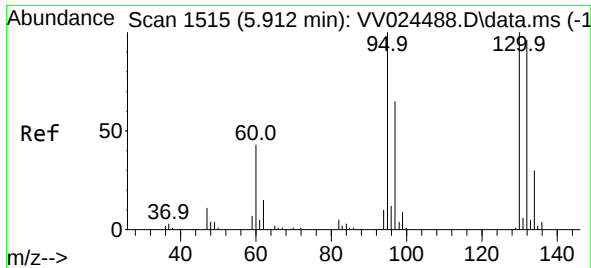
Ion Ratio Lower Upper

97 100

99 60.8 51.9 77.9

61 53.7 33.2 49.8#

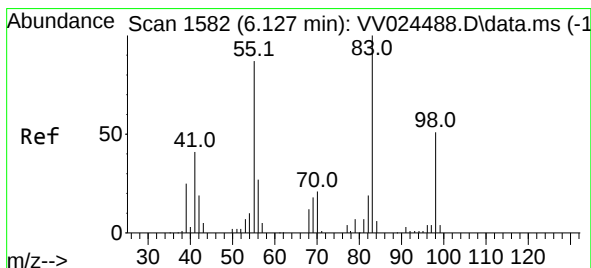
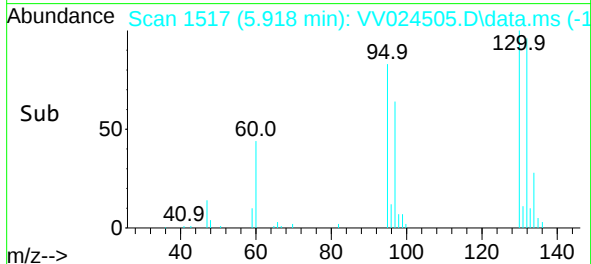
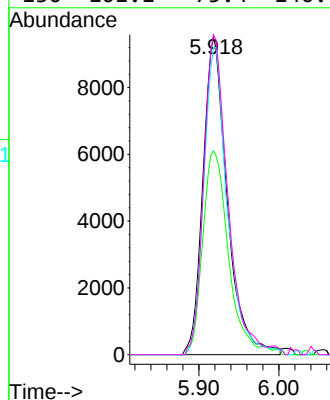
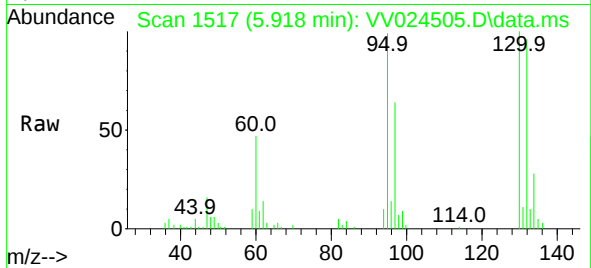




#34
Trichloroethene
Concen: 2.388 ug/L
RT: 5.918 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV024505.D
Acq: 28 Jan 2022 22:41

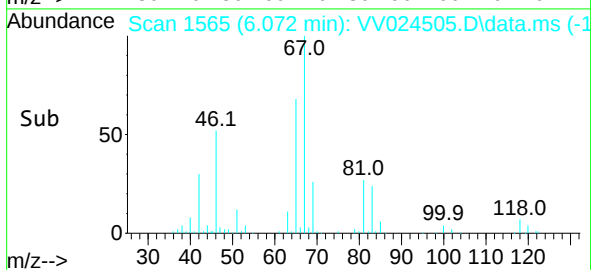
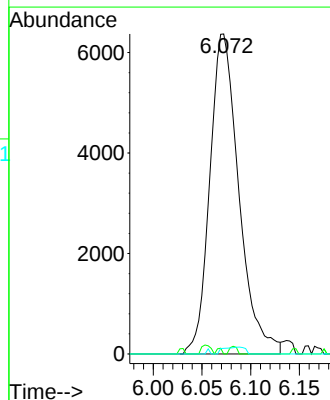
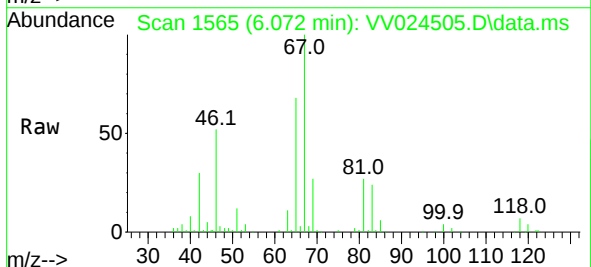
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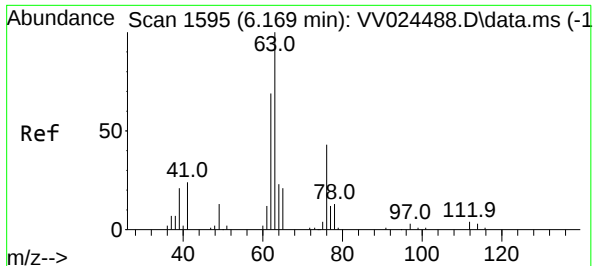
Tgt Ion:	95	Resp:	20059
Ion	Ratio	Lower	Upper
95	100		
97	64.3	45.2	84.0
132	97.1	76.1	141.3
130	101.1	75.4	140.0



#35
Methylcyclohexane
Concen: 1.068 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.055 min
Lab File: VV024505.D
Acq: 28 Jan 2022 22:41

Tgt Ion:	83	Resp:	13229
Ion	Ratio	Lower	Upper
83	100		
55	0.3	60.2	90.2#
98	0.0	41.0	61.4#





#37

1,2-Dichloropropane

Concen: 0.910 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV024505.D

Acq: 28 Jan 2022 22:41

Instrument :

MSVOA_V

ClientSampleId :

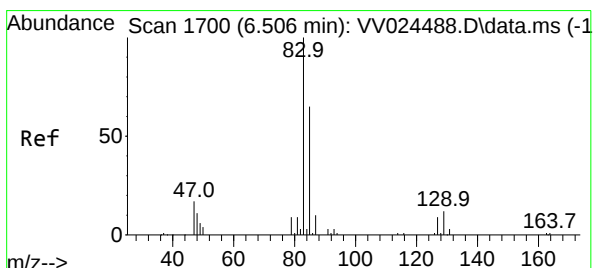
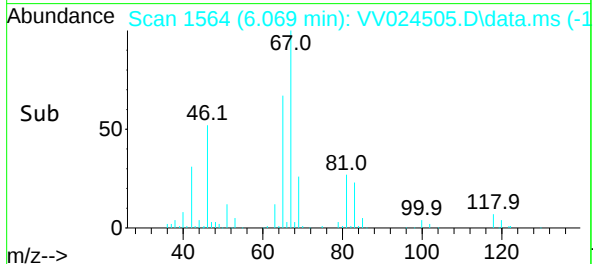
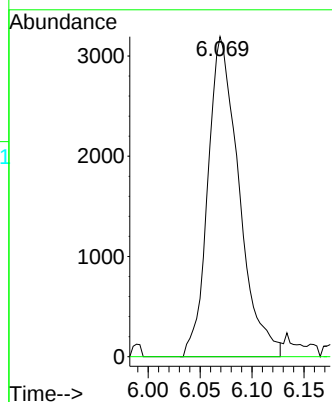
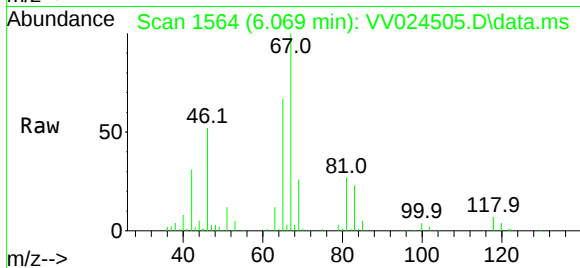
COHN4

Tgt Ion: 63 Resp: 6644

Ion Ratio Lower Upper

63 100

112 0.8 4.3 6.5#



#38

Bromodichloromethane

Concen: 0.076 ug/L

RT: 6.526 min Scan# 1706

Delta R.T. 0.019 min

Lab File: VV024505.D

Acq: 28 Jan 2022 22:41

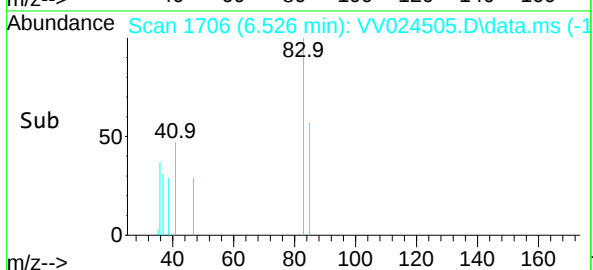
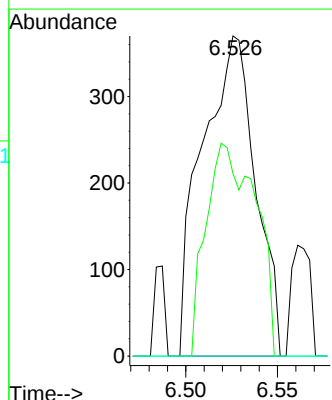
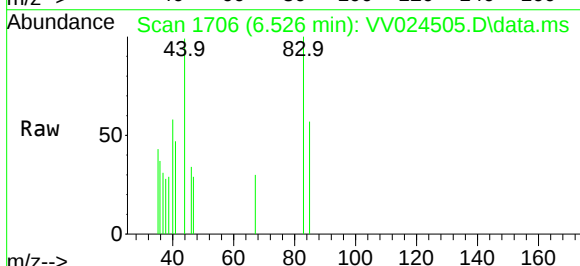
Tgt Ion: 83 Resp: 749

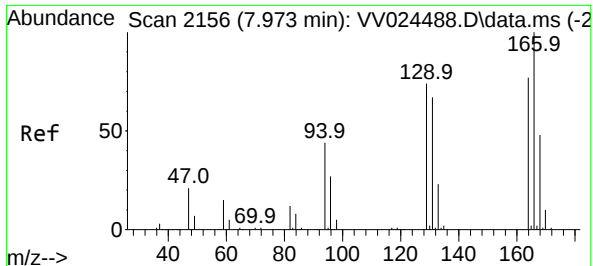
Ion Ratio Lower Upper

83 100

85 57.0 44.0 81.8

127 0.0 8.6 12.8#





#47

Tetrachloroethene

Concen: 10.274 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV024505.D

Acq: 28 Jan 2022 22:41

Instrument :

MSVOA_V

ClientSampleId :

COHN4

Tgt Ion:164 Resp: 67987

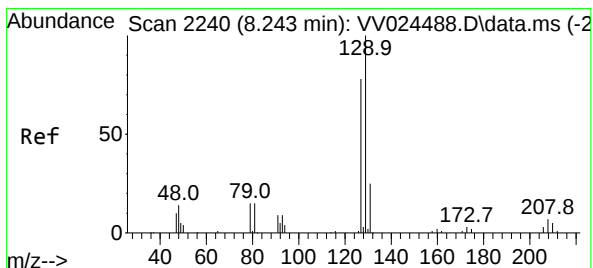
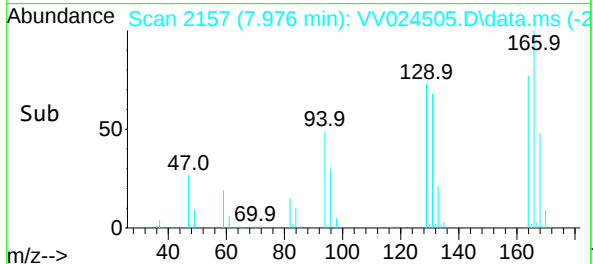
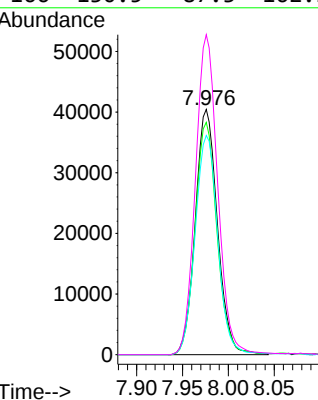
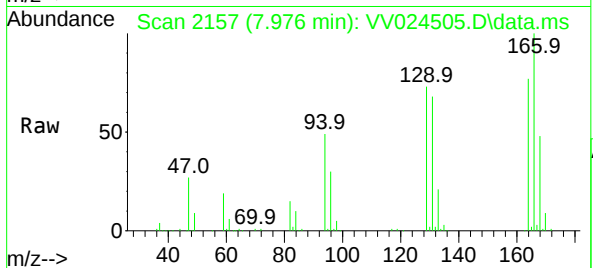
Ion Ratio Lower Upper

164 100

129 94.7 62.6 116.2

131 89.4 61.0 113.4

166 130.5 87.3 162.1



#49

Dibromochloromethane

Concen: 10.093 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV024505.D

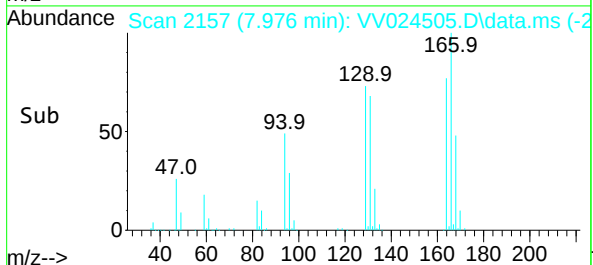
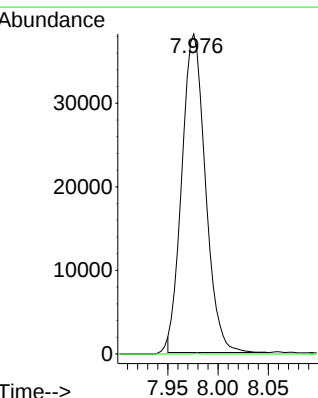
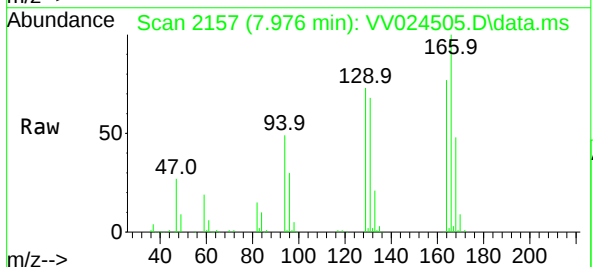
Acq: 28 Jan 2022 22:41

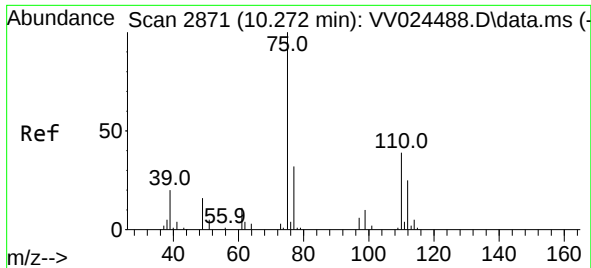
Tgt Ion:129 Resp: 62007

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.3#





#61
 1,2,3-Trichloropropane
 Concen: 2.025 ug/L
 RT: 11.246 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV024505.D
 Acq: 28 Jan 2022 22:41

Instrument :
 MSVOA_V
 ClientSampleId :
 C0HN4

Tgt Ion: 75 Resp: 6353
 Ion Ratio Lower Upper
 75 100
 77 34.6 26.4 39.6
 110 1.0 34.2 51.2#

