

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012822\
 Data File : VU046904.D
 Acq On : 28 Jan 2022 19:51
 Operator : SY/MD
 Sample : N1273-18 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COHL6

Quant Time: Jan 29 00:44:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jan 29 00:38:36 2022
 Response via : Initial Calibration

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

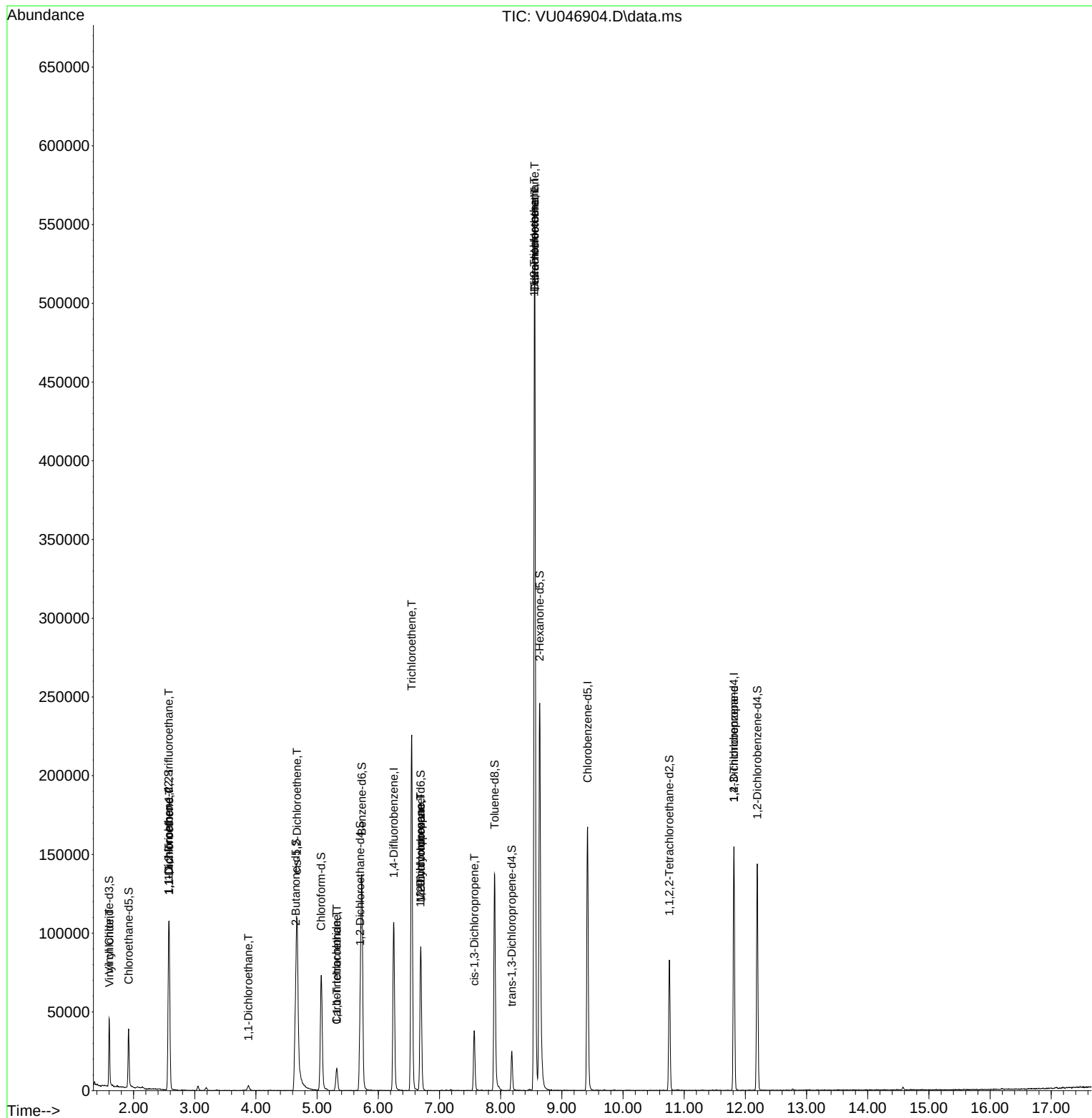
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	89061	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	98096	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	41619	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	30042	3.981	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.600%
7) Chloroethane-d5	1.919	69	29115	4.897	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.000%
11) 1,1-Dichloroethene-d2	2.572	65	13711	4.567	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.400%
20) 2-Butanone-d5	4.652	46	117452	52.535	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.060%
24) Chloroform-d	5.067	84	69591	5.253	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.000%
26) 1,2-Dichloroethane-d4	5.703	65	39229	5.437	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.800%
32) Benzene-d6	5.732	84	131458	4.560	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	6.694	67	44755	5.170	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.400%
41) Toluene-d8	7.899	98	97980	3.713	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.200%
43) trans-1,3-Dichloroprop...	8.182	79	14411	3.791	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.800%
46) 2-Hexanone-d5	8.636	63	98888	43.931	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.860%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	42259	4.863	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	36901	4.728	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.600%
Target Compounds						
5) Vinyl chloride	1.607	62	2701	0.376	ug/L	83
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	423	0.081	ug/L #	21
12) 1,1-Dichloroethene	2.584	96	20811	4.185	ug/L	95
19) 1,1-Dichloroethane	3.877	63	3322	0.367	ug/L	94
22) cis-1,2-Dichloroethene	4.671	96	40235	7.081	ug/L	97
29) 1,1,1-Trichloroethane	5.321	97	10214	1.156	ug/L	96
31) Carbon tetrachloride	5.317	117	1333	0.176	ug/L	98
34) Trichloroethene	6.546	95	79338	13.231	ug/L	98
35) Methylcyclohexane	6.694	83	10433	1.039	ug/L #	17
37) 1,2-Dichloropropane	6.690	63	4683	0.827	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	1016	0.115	ug/L #	73
45) 1,1,2-Trichloroethane	8.549	97	1164	0.241	ug/L #	1
47) Tetrachloroethene	8.555	164	128422	26.332	ug/L	97
49) Dibromochloromethane	8.555	129	127884	22.491	ug/L #	10
61) 1,2,3-Trichloropropane	11.812	75	5150	1.460	ug/L #	65

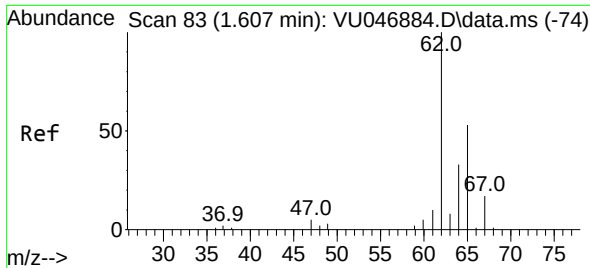
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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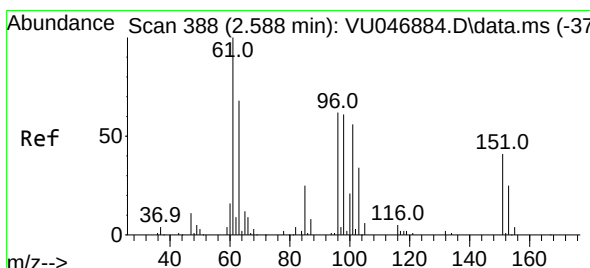
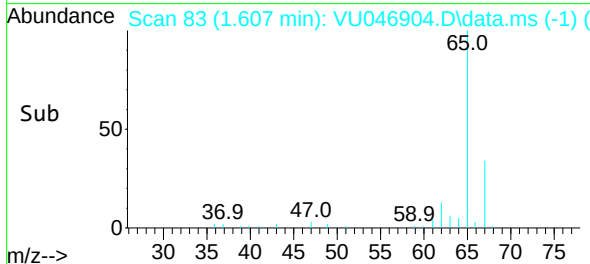
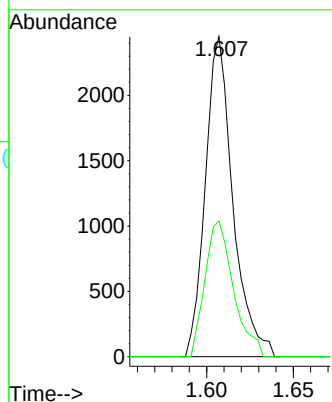
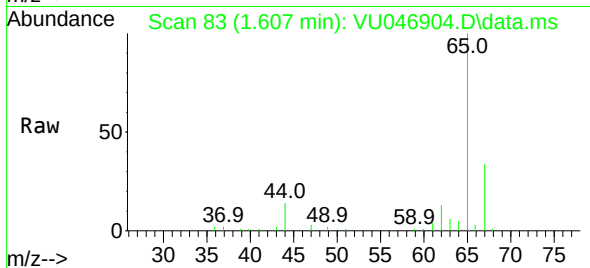




#5
 Vinyl chloride
 Concen: 0.376 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU046904.D
 Acq: 28 Jan 2022 19:51

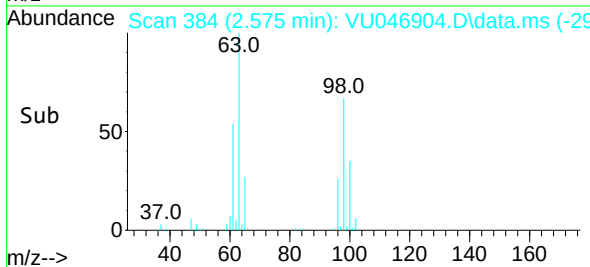
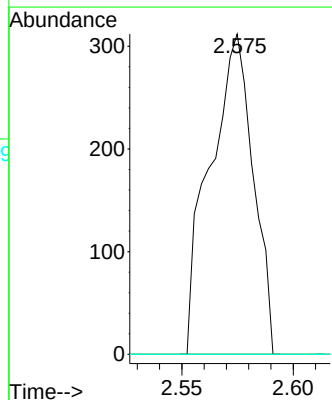
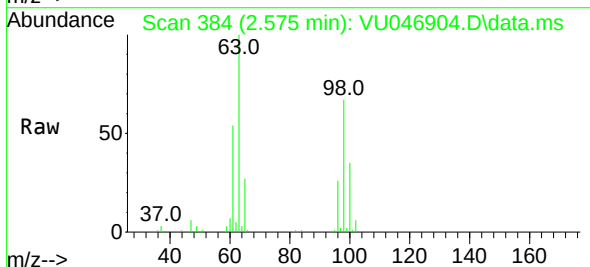
Instrument :
 MSVOA_U
 ClientSampleId :
 COHL6

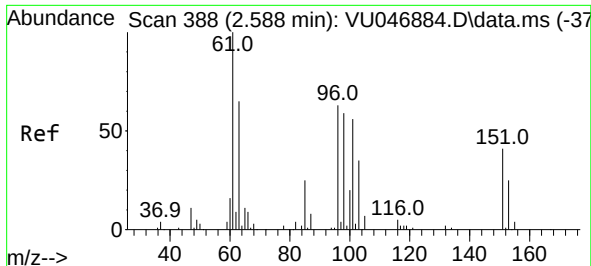
Tgt Ion: 62 Resp: 2701
 Ion Ratio Lower Upper
 62 100
 64 42.5 22.9 42.5



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.081 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.013 min
 Lab File: VU046904.D
 Acq: 28 Jan 2022 19:51

Tgt Ion: 101 Resp: 423
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 51.8#
 151 0.0 56.1 84.1#





#12

1,1-Dichloroethene

Concen: 4.185 ug/L

RT: 2.584 min Scan# 388

Delta R.T. -0.003 min

Lab File: VU046904.D

Acq: 28 Jan 2022 19:51

Instrument :

MSVOA_U

ClientSampleId :

COHL6

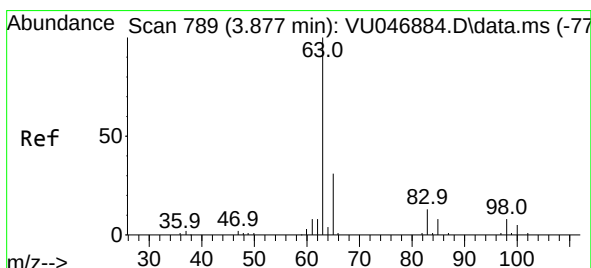
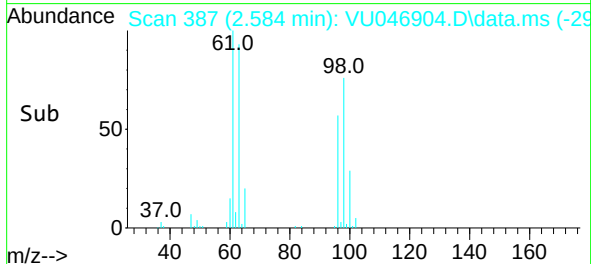
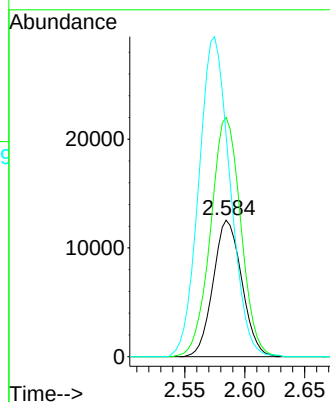
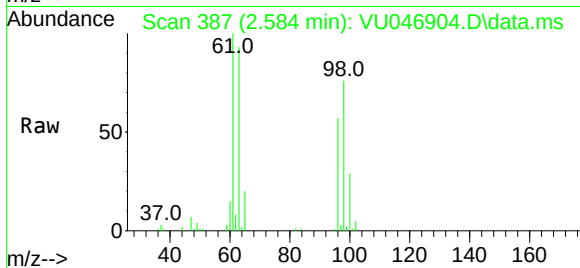
Tgt Ion: 96 Resp: 20811

Ion Ratio Lower Upper

96 100

61 175.5 124.7 231.5

63 162.3 105.2 195.4



#19

1,1-Dichloroethane

Concen: 0.367 ug/L

RT: 3.877 min Scan# 789

Delta R.T. 0.000 min

Lab File: VU046904.D

Acq: 28 Jan 2022 19:51

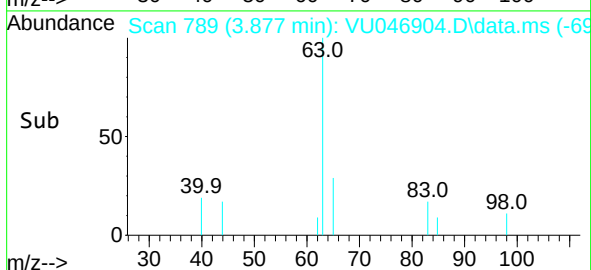
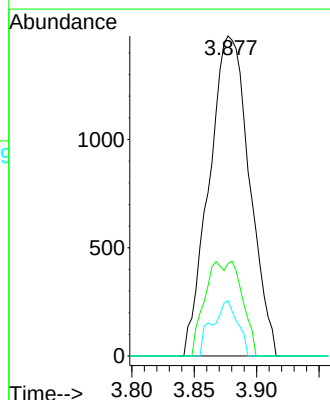
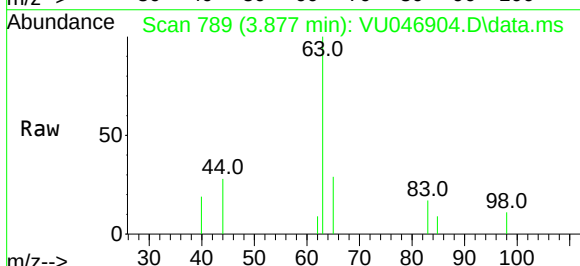
Tgt Ion: 63 Resp: 3322

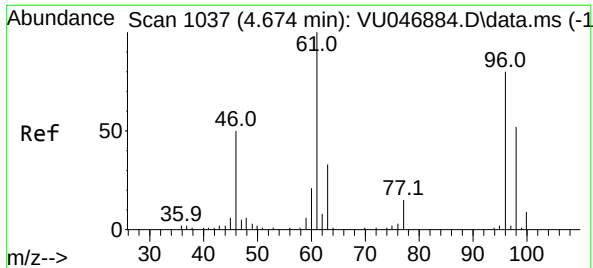
Ion Ratio Lower Upper

63 100

65 29.0 22.3 41.5

83 17.3 9.6 17.8





#22

cis-1,2-Dichloroethene

Concen: 7.081 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VU046904.D

Acq: 28 Jan 2022 19:51

Instrument :

MSVOA_U

ClientSampleId :

COHL6

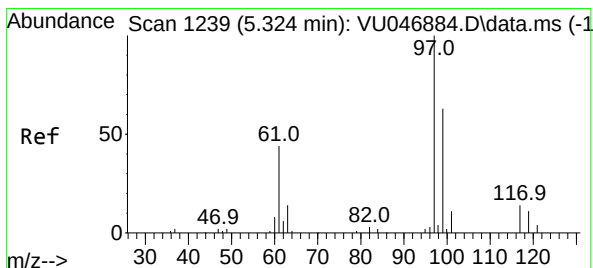
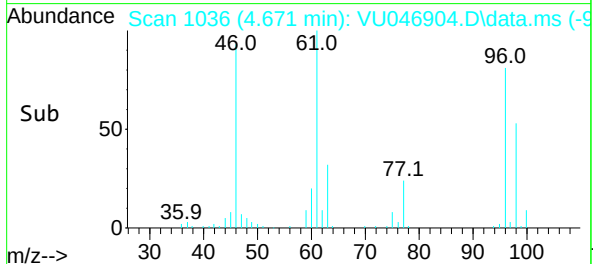
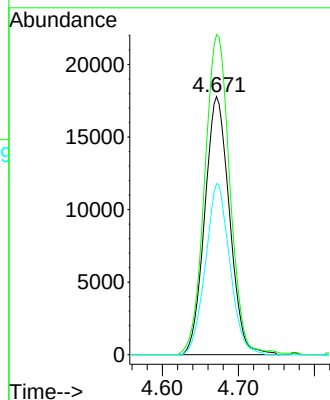
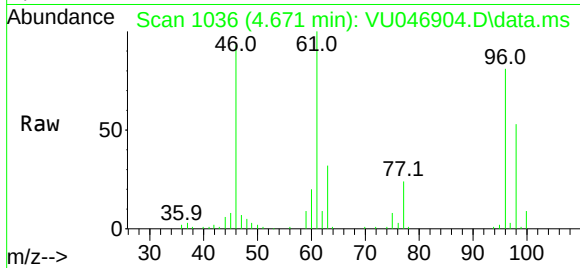
Tgt Ion: 96 Resp: 40235

Ion Ratio Lower Upper

96 100

61 124.0 88.5 164.3

98 66.3 44.4 82.5



#29

1,1,1-Trichloroethane

Concen: 1.156 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. -0.003 min

Lab File: VU046904.D

Acq: 28 Jan 2022 19:51

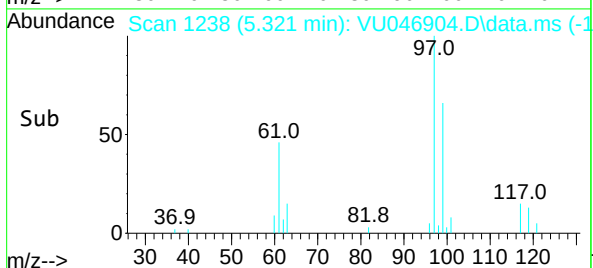
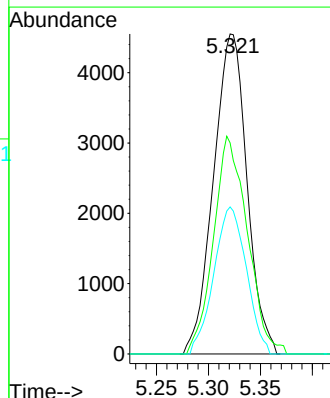
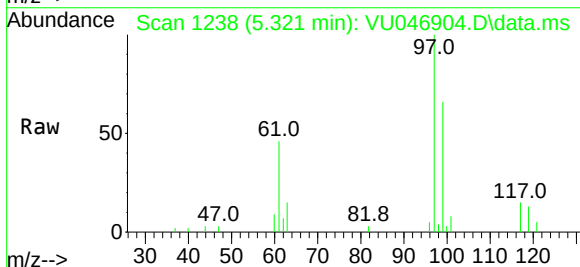
Tgt Ion: 97 Resp: 10214

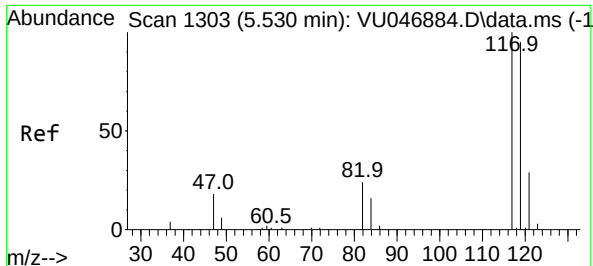
Ion Ratio Lower Upper

97 100

99 68.8 51.3 76.9

61 44.5 36.1 54.1

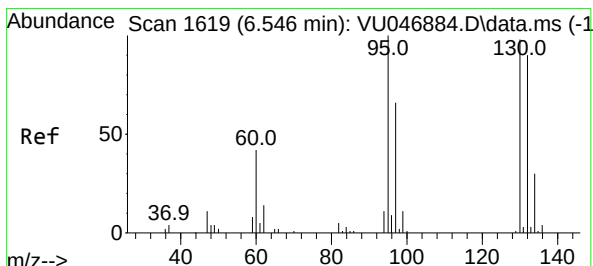
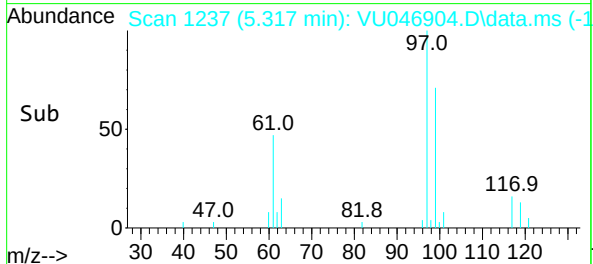
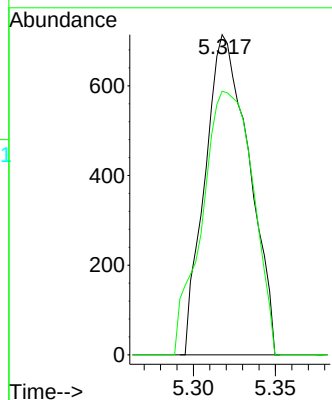
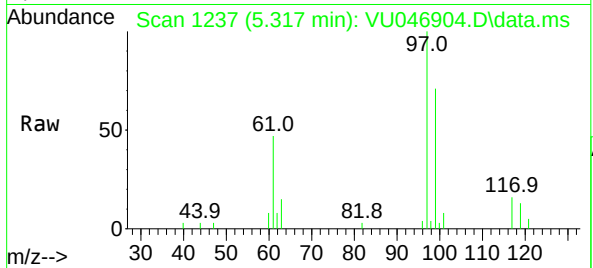




#31
Carbon tetrachloride
Concen: 0.176 ug/L
RT: 5.317 min Scan# 117
Delta R.T. -0.212 min
Lab File: VU046904.D
Acq: 28 Jan 2022 19:51

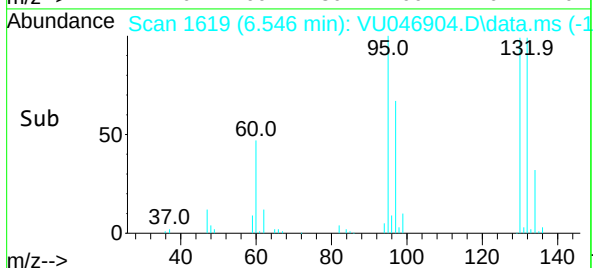
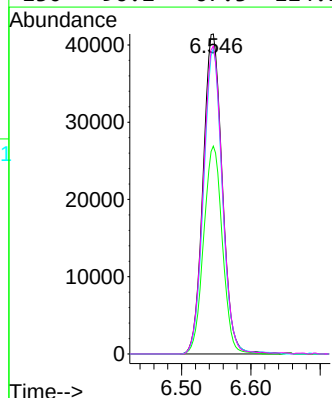
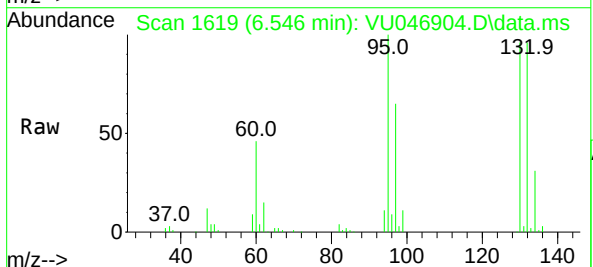
Instrument :
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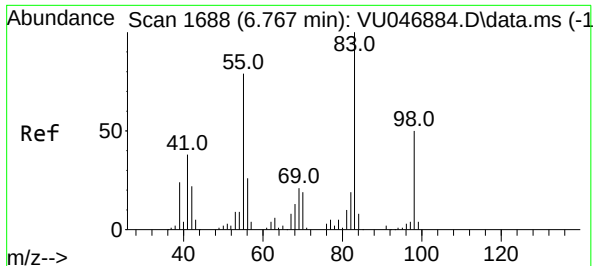
Tgt Ion:117 Resp: 1333
Ion Ratio Lower Upper
117 100
119 95.3 77.5 116.3



#34
Trichloroethene
Concen: 13.231 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU046904.D
Acq: 28 Jan 2022 19:51

Tgt Ion: 95 Resp: 79338
Ion Ratio Lower Upper
95 100
97 64.9 46.5 86.5
132 95.6 65.1 120.9
130 96.2 67.3 124.9

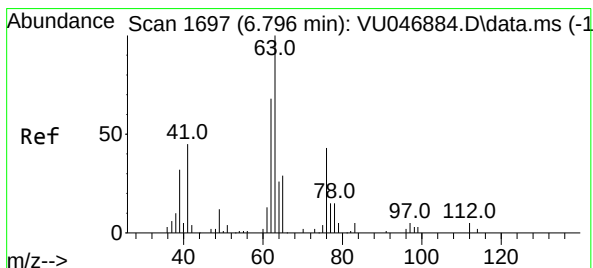
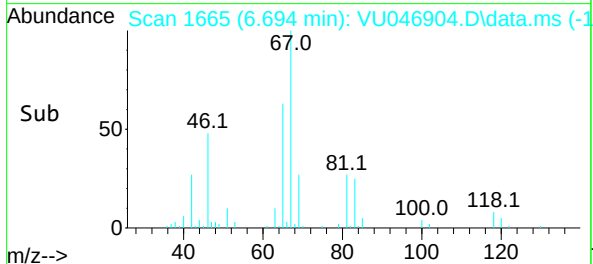
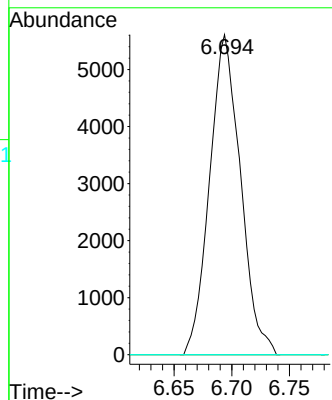
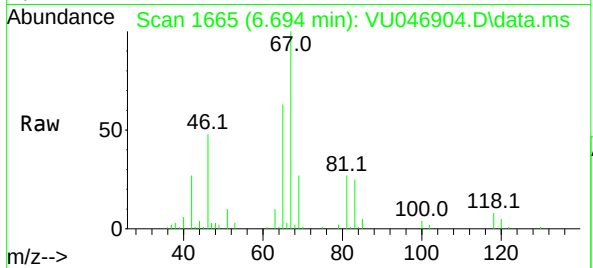




#35
Methylcyclohexane
Concen: 1.039 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046904.D
Acq: 28 Jan 2022 19:51

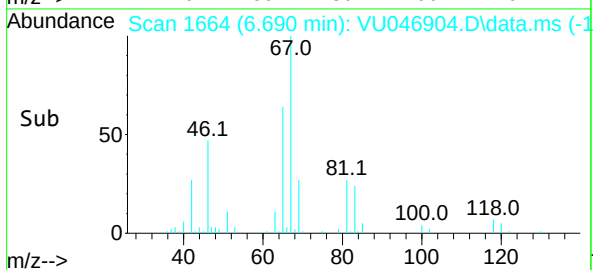
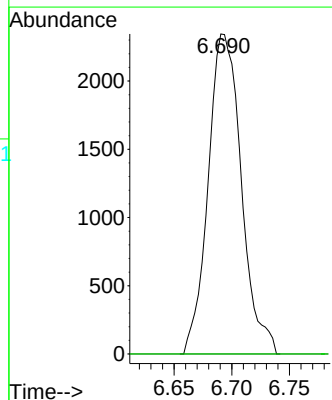
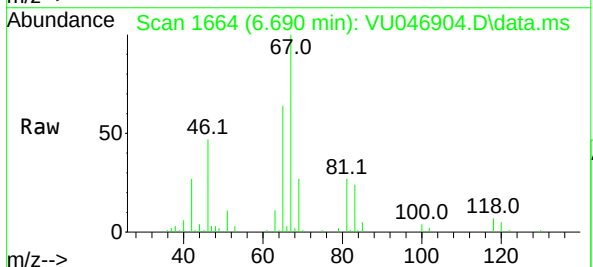
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COHL6

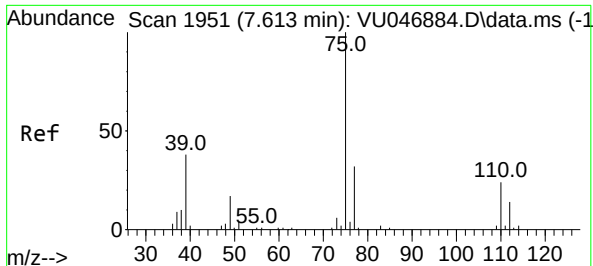
Tgt Ion: 83 Resp: 10433
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 0.0 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.827 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.106 min
Lab File: VU046904.D
Acq: 28 Jan 2022 19:51

Tgt Ion: 63 Resp: 4683
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.115 ug/L

RT: 7.568 min Scan# 1951

Delta R.T. -0.045 min

Lab File: VU046904.D

Acq: 28 Jan 2022 19:51

Instrument :

MSVOA_U

ClientSampleId :

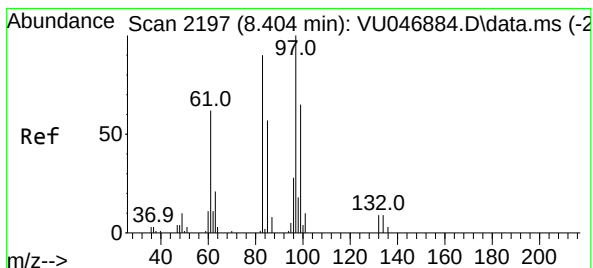
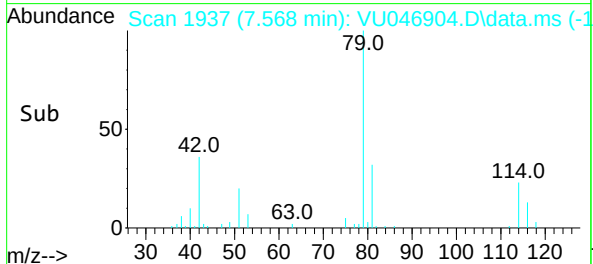
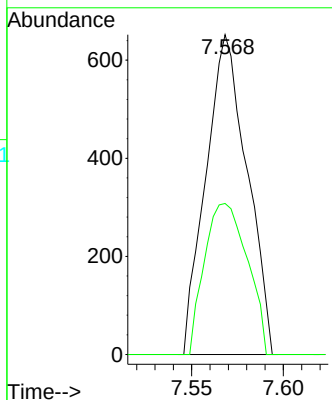
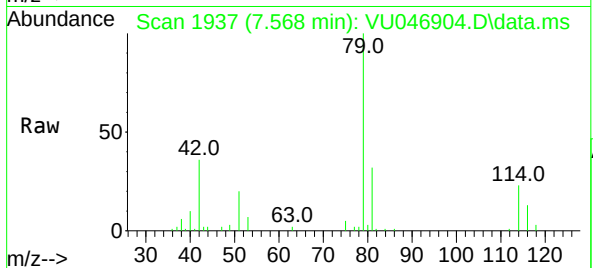
COHL6

Tgt Ion: 75 Resp: 1016

Ion Ratio Lower Upper

75 100

77 47.2 22.5 41.9#



#45

1,1,2-Trichloroethane

Concen: 0.241 ug/L

RT: 8.549 min Scan# 2242

Delta R.T. 0.145 min

Lab File: VU046904.D

Acq: 28 Jan 2022 19:51

Tgt Ion: 97 Resp: 1164

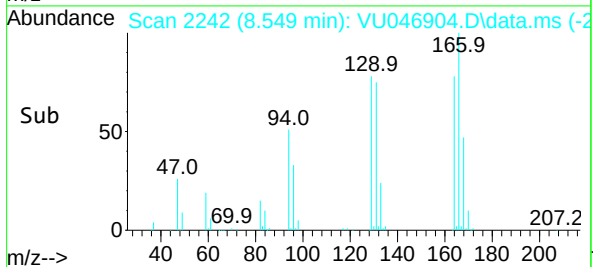
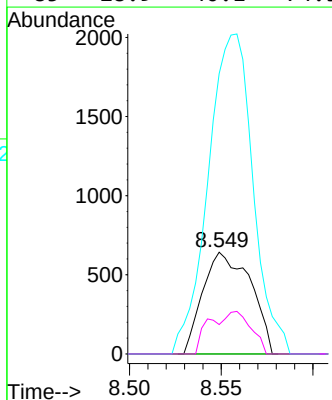
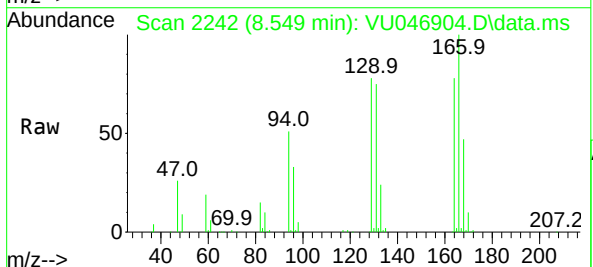
Ion Ratio Lower Upper

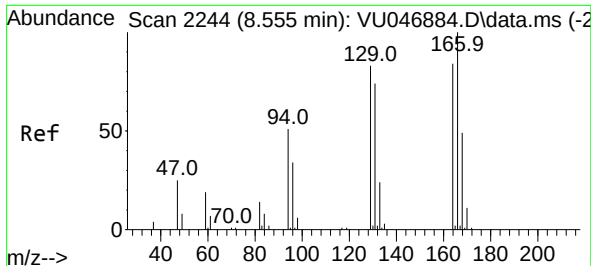
97 100

99 0.0 42.3 78.5#

83 275.4 62.0 115.2#

85 28.9 40.1 74.5#





#47

Tetrachloroethene

Concen: 26.332 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.000 min

Lab File: VU046904.D

Acq: 28 Jan 2022 19:51

Instrument :

MSVOA_U

ClientSampleId :

COHL6

Tgt Ion:164 Resp: 128422

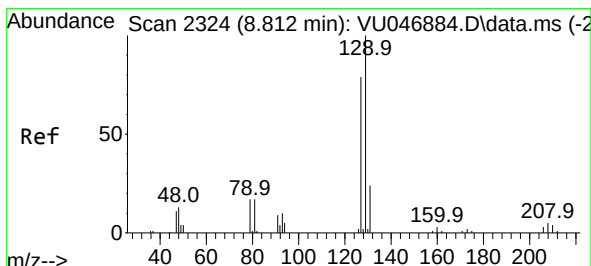
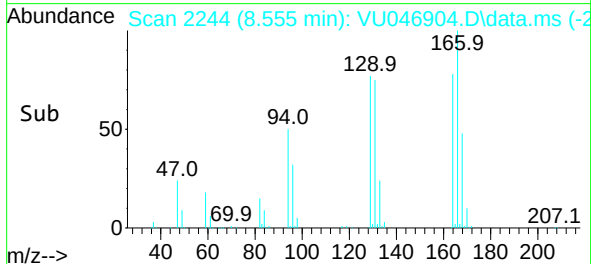
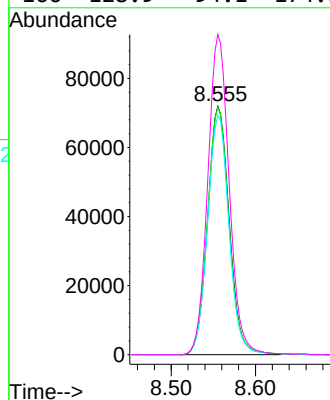
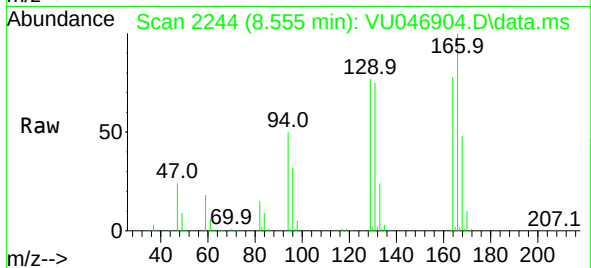
Ion Ratio Lower Upper

164 100

129 99.6 71.8 133.4

131 96.3 68.5 127.3

166 128.9 94.1 174.8



#49

Dibromochloromethane

Concen: 22.491 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. -0.257 min

Lab File: VU046904.D

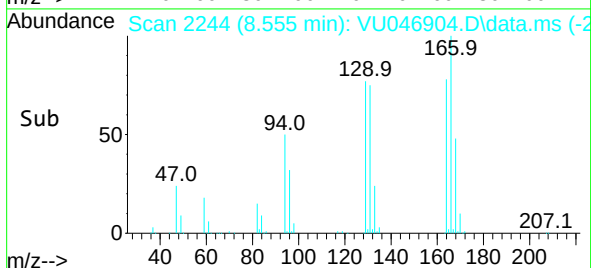
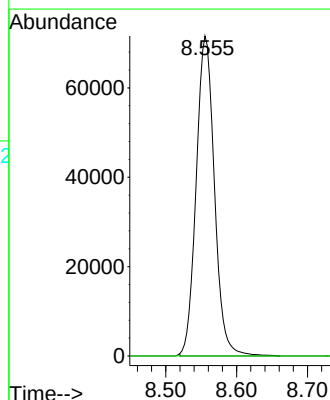
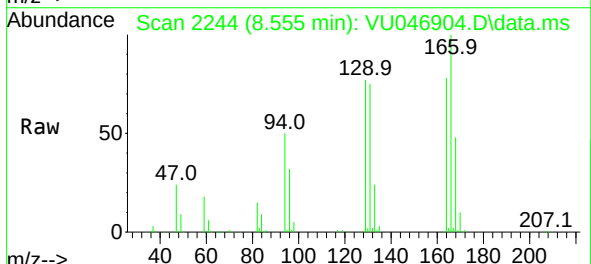
Acq: 28 Jan 2022 19:51

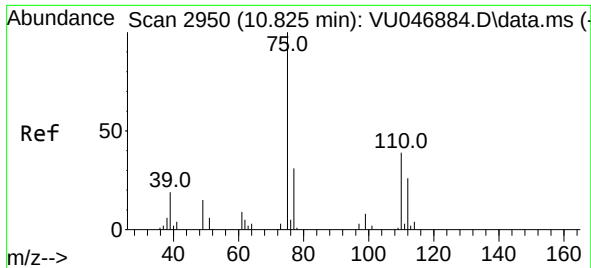
Tgt Ion:129 Resp: 127884

Ion Ratio Lower Upper

129 100

127 0.0 55.4 102.8#





#61
 1,2,3-Trichloropropane
 Concen: 1.460 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU046904.D
 Acq: 28 Jan 2022 19:51

Instrument :
 MSVOA_U
 ClientSampleId :
 COHL6

Tgt Ion: 75 Resp: 5150
 Ion Ratio Lower Upper
 75 100
 110 0.0 29.9 44.9#
 77 29.9 25.5 38.3

