

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012822\
 Data File : VU046902.D
 Acq On : 28 Jan 2022 19:02
 Operator : SY/MD
 Sample : N1273-16 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COHL4

Quant Time: Jan 29 00:43:33 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)

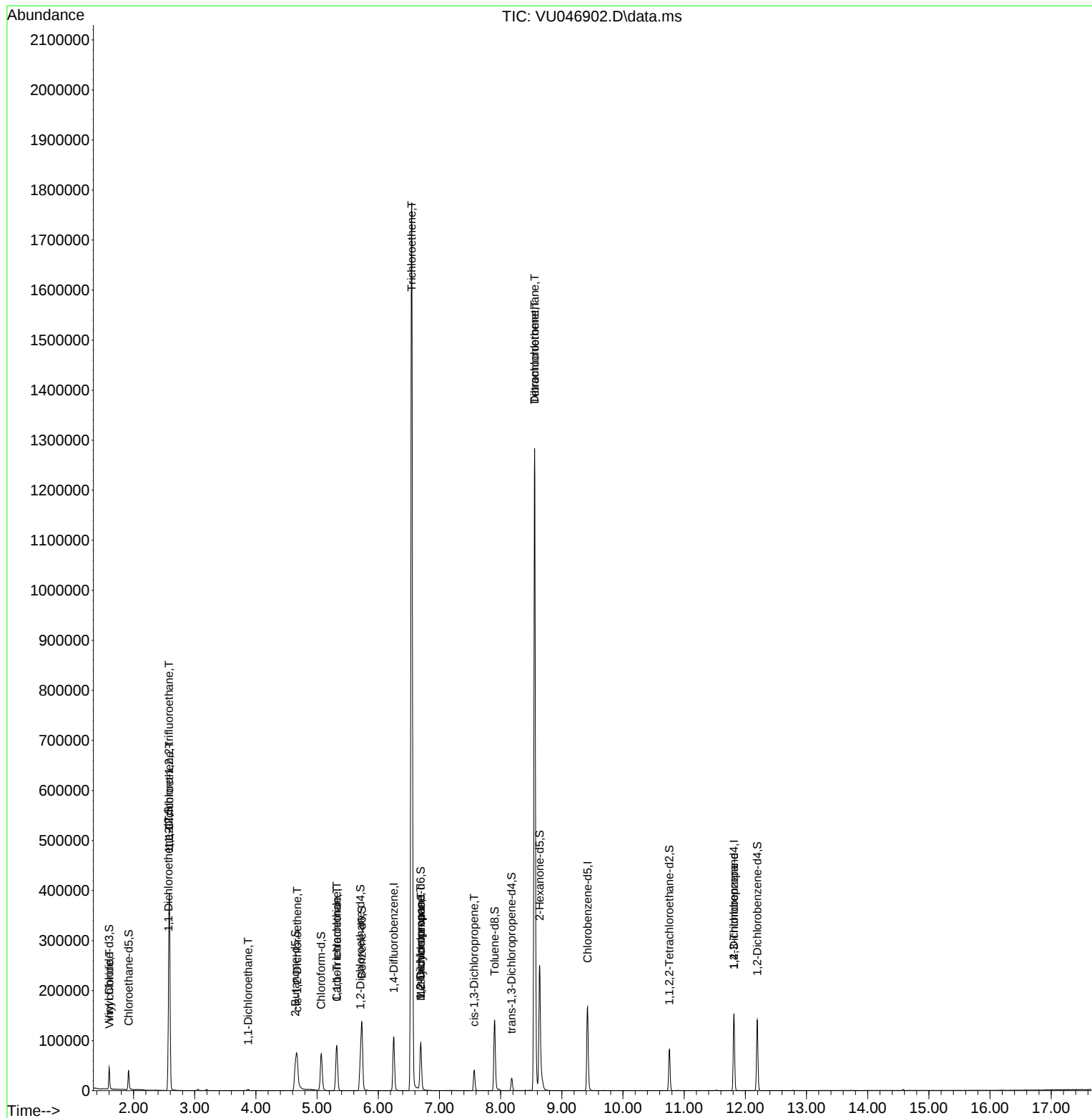
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	89440	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	98377	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	41502	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	29950	3.952	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.000%
7) Chloroethane-d5	1.919	69	29693	4.973	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.400%
11) 1,1-Dichloroethene-d2	2.572	65	13718	4.550	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.000%
20) 2-Butanone-d5	4.646	46	105201	46.856	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.720%
24) Chloroform-d	5.067	84	69974	5.259	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.200%
26) 1,2-Dichloroethane-d4	5.707	65	38327	5.290	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.800%
32) Benzene-d6	5.732	84	130853	4.526	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
36) 1,2-Dichloropropane-d6	6.694	67	45425	5.233	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.600%
41) Toluene-d8	7.899	98	101430	3.833	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.600%
43) trans-1,3-Dichloroprop...	8.179	79	15181	3.982	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.600%
46) 2-Hexanone-d5	8.636	63	104046	46.091	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.180%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	41812	4.797	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	38000	4.882	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.600%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.607	62	3094	0.429	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	681	0.130	ug/L #	21
12) 1,1-Dichloroethene	2.585	96	125580	25.146	ug/L #	68
19) 1,1-Dichloroethane	3.871	63	2525	0.278	ug/L	99
22) cis-1,2-Dichloroethene	4.675	96	23089	4.046	ug/L	98
29) 1,1,1-Trichloroethane	5.321	97	65590	7.402	ug/L	99
31) Carbon tetrachloride	5.321	117	8381	1.102	ug/L	98
34) Trichloroethene	6.546	95	625724	104.051	ug/L	98
35) Methylcyclohexane	6.697	83	10687	1.061	ug/L #	17
37) 1,2-Dichloropropane	6.691	63	4784	0.842	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	996	0.112	ug/L #	64
47) Tetrachloroethene	8.555	164	282991	57.860	ug/L	97
49) Dibromochloromethane	8.555	129	280871	49.257	ug/L #	10
61) 1,2,3-Trichloropropane	11.813	75	5213	1.482	ug/L #	66

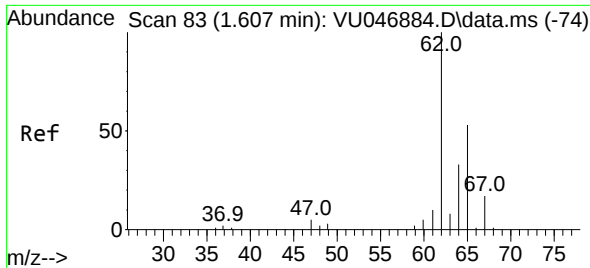
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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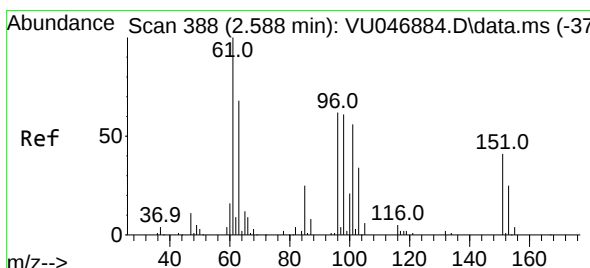
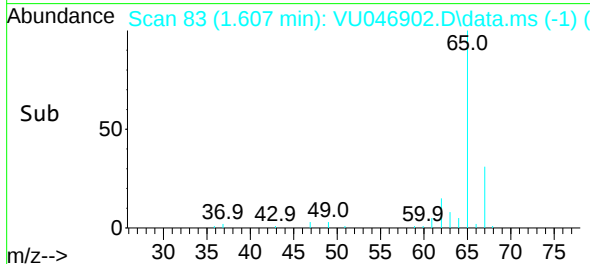
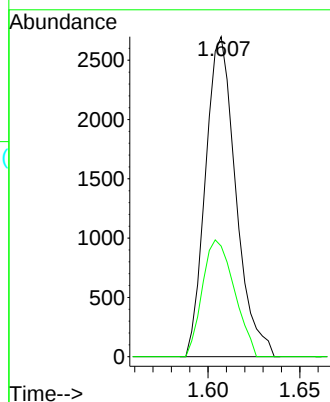
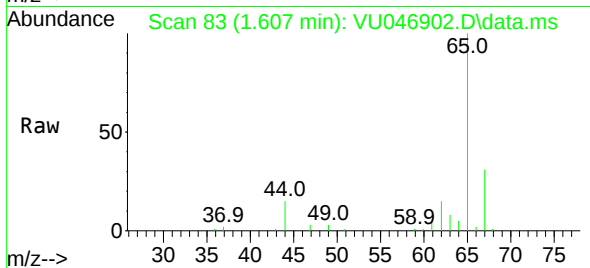




#5
 Vinyl chloride
 Concen: 0.429 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU046902.D
 Acq: 28 Jan 2022 19:02

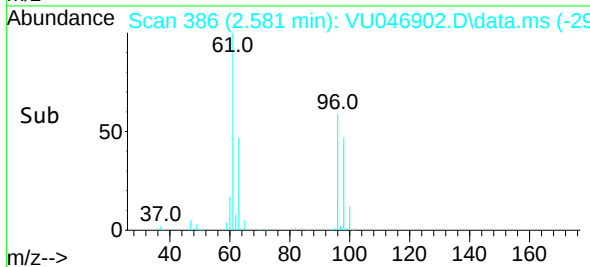
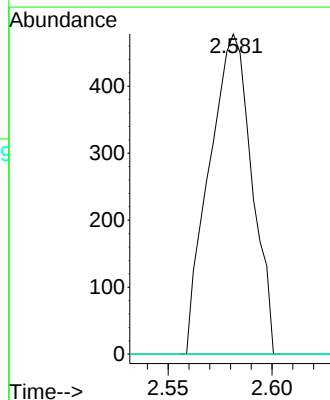
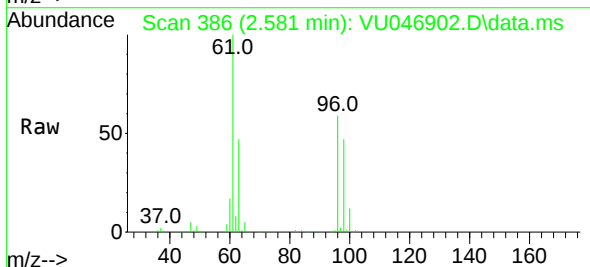
Instrument :
 MSVOA_U
 ClientSampleId :
 COHL4

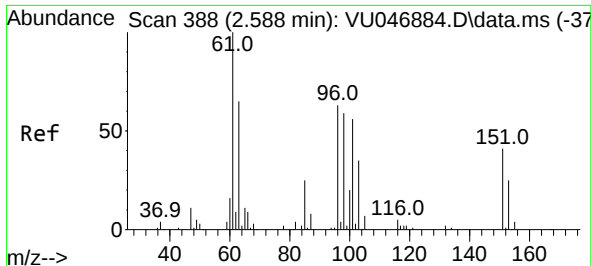
Tgt Ion: 62 Resp: 3094
 Ion Ratio Lower Upper
 62 100
 64 34.6 22.9 42.5



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.130 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. -0.006 min
 Lab File: VU046902.D
 Acq: 28 Jan 2022 19:02

Tgt Ion: 101 Resp: 681
 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: 25.146 ug/L

RT: 2.585 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU046902.D

Acq: 28 Jan 2022 19:02

Instrument :

MSVOA_U

ClientSampleId :

COHL4

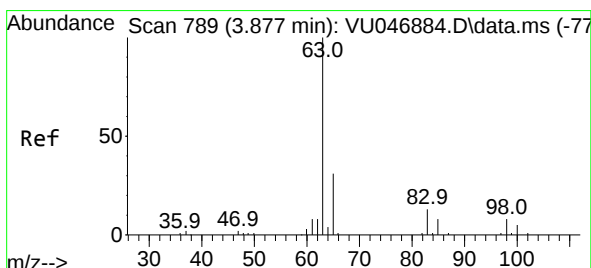
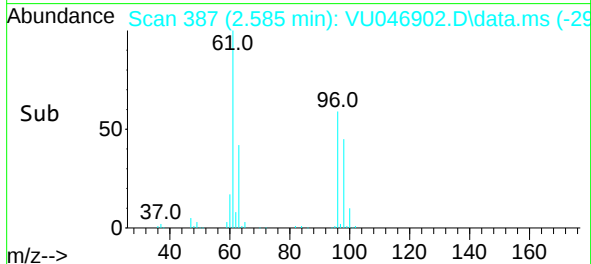
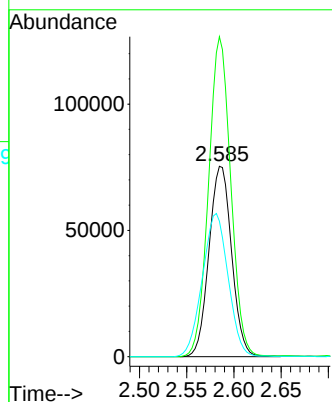
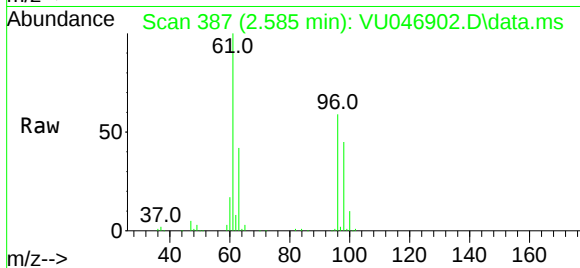
Tgt Ion: 96 Resp: 125580

Ion Ratio Lower Upper

96 100

61 168.1 124.7 231.5

63 71.2 105.2 195.4#



#19

1,1-Dichloroethane

Concen: 0.278 ug/L

RT: 3.871 min Scan# 787

Delta R.T. -0.006 min

Lab File: VU046902.D

Acq: 28 Jan 2022 19:02

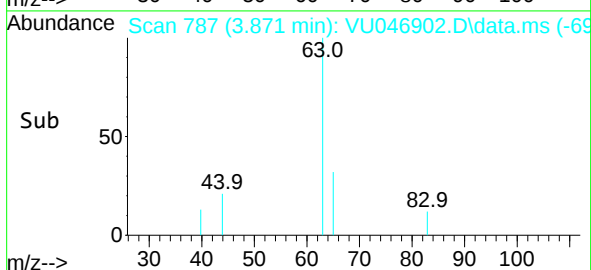
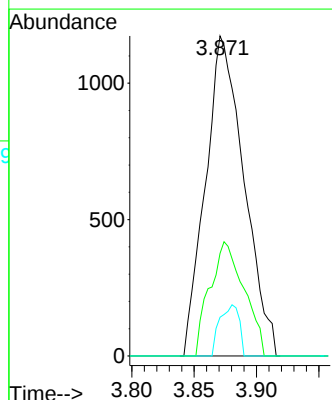
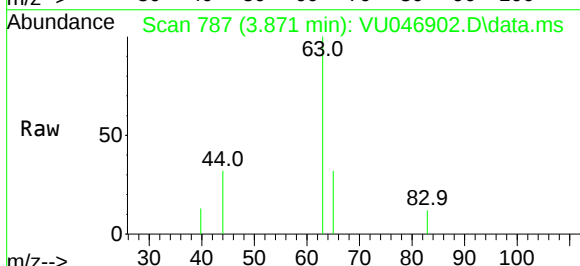
Tgt Ion: 63 Resp: 2525

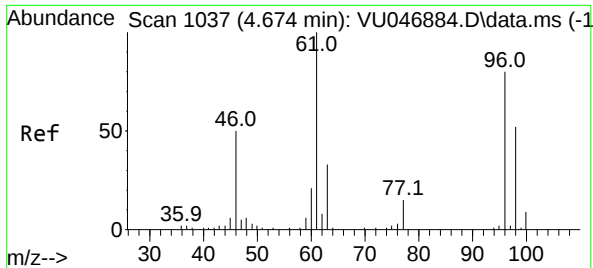
Ion Ratio Lower Upper

63 100

65 32.1 22.3 41.5

83 12.1 9.6 17.8





#22

cis-1,2-Dichloroethene

Concen: 4.046 ug/L

RT: 4.675 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VU046902.D

Acq: 28 Jan 2022 19:02

Instrument :

MSVOA_U

ClientSampleId :

COHL4

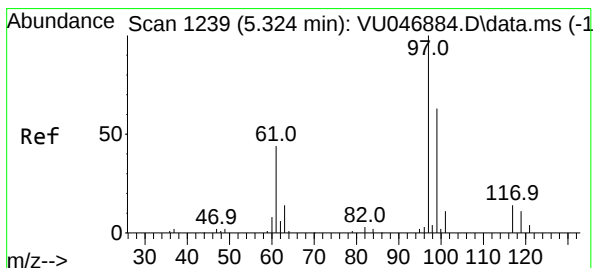
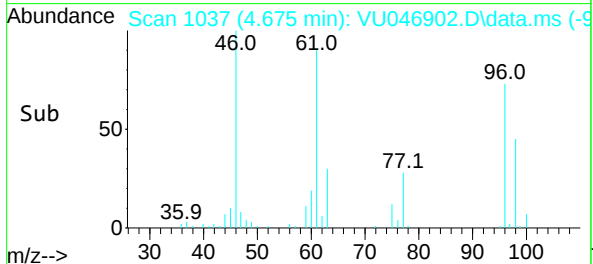
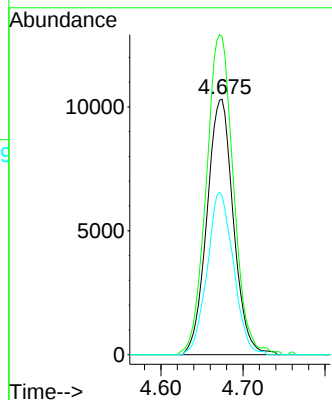
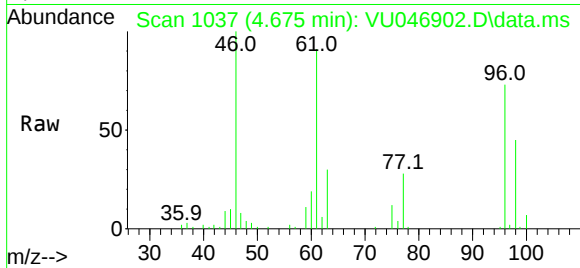
Tgt Ion: 96 Resp: 23089

Ion Ratio Lower Upper

96 100

61 124.6 88.5 164.3

98 62.0 44.4 82.5



#29

1,1,1-Trichloroethane

Concen: 7.402 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. -0.003 min

Lab File: VU046902.D

Acq: 28 Jan 2022 19:02

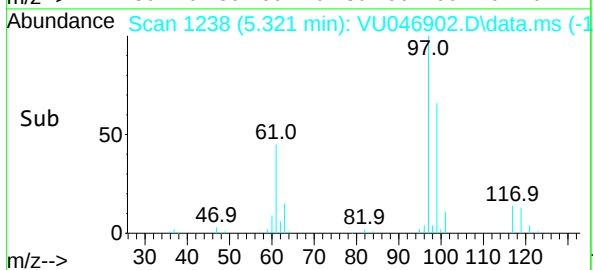
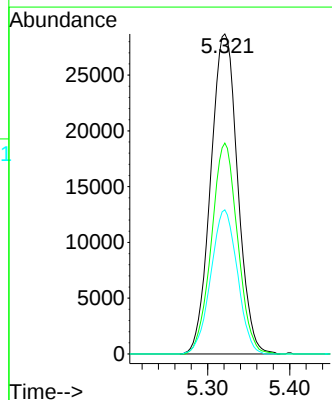
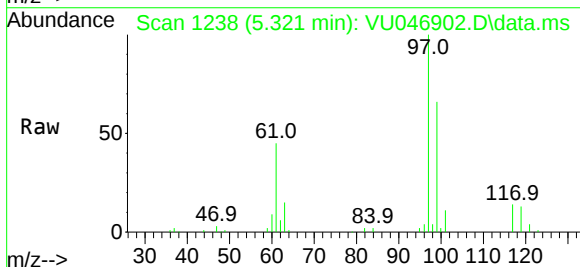
Tgt Ion: 97 Resp: 65590

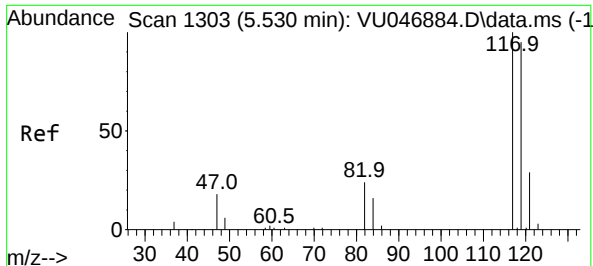
Ion Ratio Lower Upper

97 100

99 63.9 51.3 76.9

61 44.3 36.1 54.1

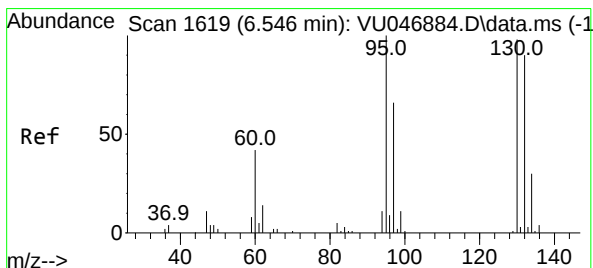
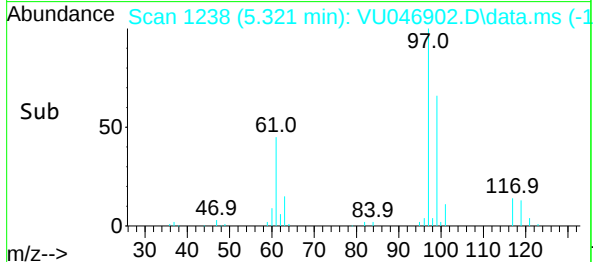
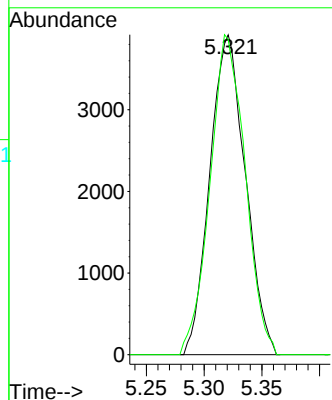
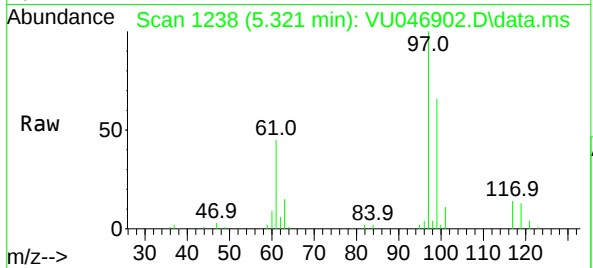




#31
Carbon tetrachloride
Concen: 1.102 ug/L
RT: 5.321 min Scan# 117
Delta R.T. -0.209 min
Lab File: VU046902.D
Acq: 28 Jan 2022 19:02

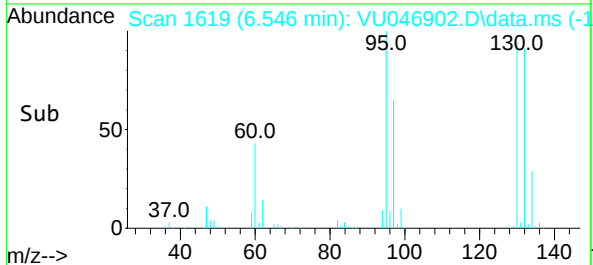
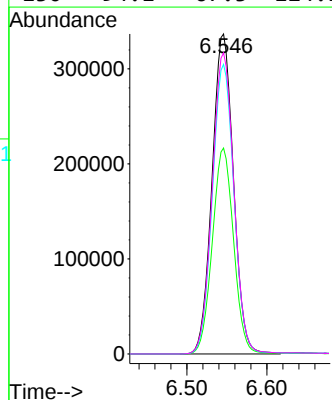
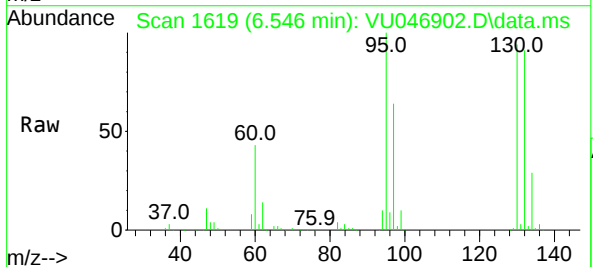
Instrument :
MSVOA_U
ClientSampleId :
COHL4

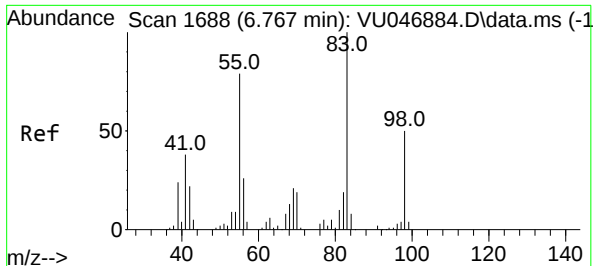
Tgt Ion:117 Resp: 8381
Ion Ratio Lower Upper
117 100
119 99.0 77.5 116.3



#34
Trichloroethene
Concen: 104.051 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU046902.D
Acq: 28 Jan 2022 19:02

Tgt Ion: 95 Resp: 625724
Ion Ratio Lower Upper
95 100
97 64.4 46.5 86.5
132 90.5 65.1 120.9
130 94.1 67.3 124.9

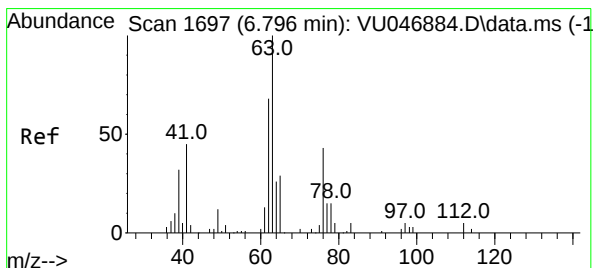
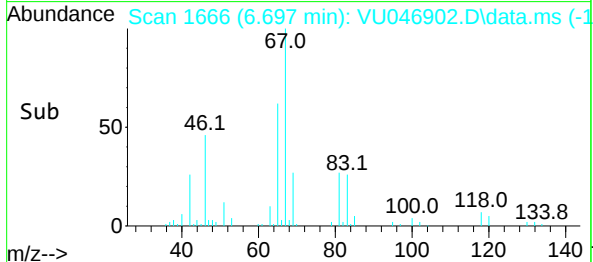
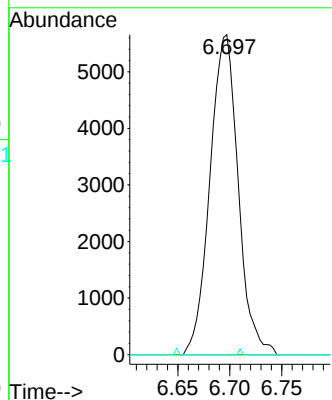
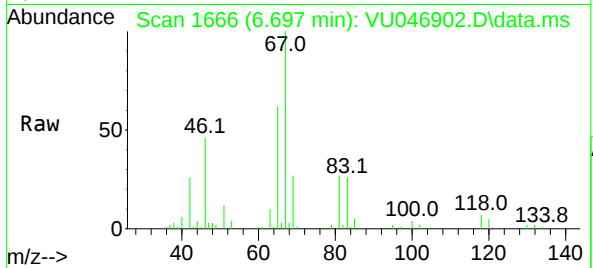




#35
Methylcyclohexane
Concen: 1.061 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.070 min
Lab File: VU046902.D
Acq: 28 Jan 2022 19:02

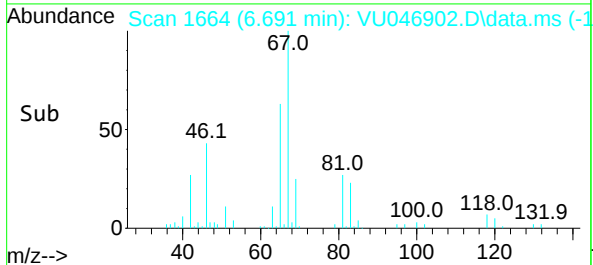
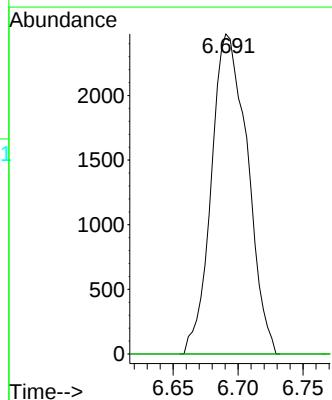
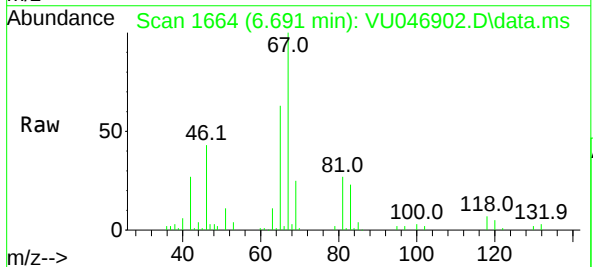
Instrument :
MSVOA_U
ClientSampleId :
COHL4

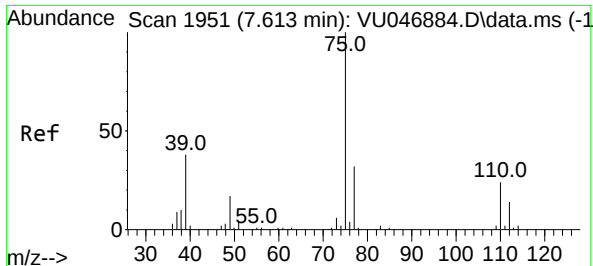
Tgt Ion: 83 Resp: 10687
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 0.0 39.0 58.6#



#37
1,2-Dichloropropane
Concen: 0.842 ug/L
RT: 6.691 min Scan# 1664
Delta R.T. -0.106 min
Lab File: VU046902.D
Acq: 28 Jan 2022 19:02

Tgt Ion: 63 Resp: 4784
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.112 ug/L

RT: 7.565 min Scan# 1951

Delta R.T. -0.048 min

Lab File: VU046902.D

Acq: 28 Jan 2022 19:02

Instrument :

MSVOA_U

ClientSampleId :

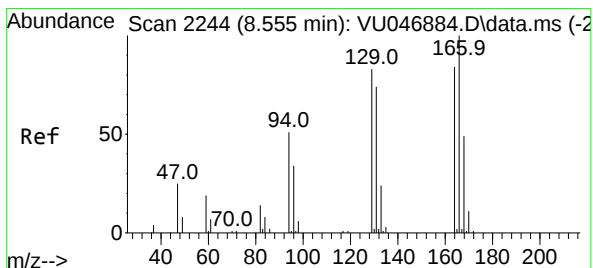
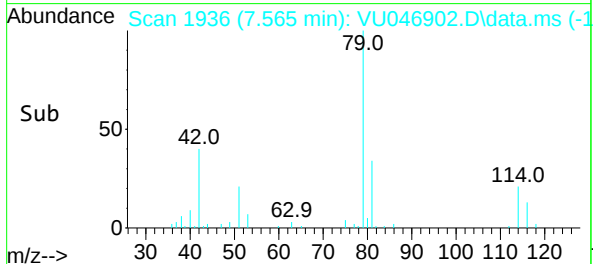
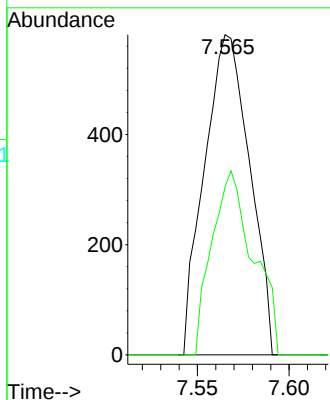
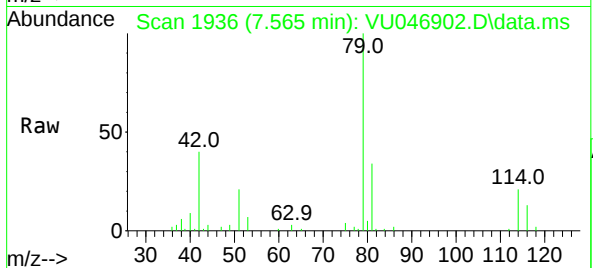
COHL4

Tgt Ion: 75 Resp: 996

Ion Ratio Lower Upper

75 100

77 52.5 22.5 41.9#



#47

Tetrachloroethene

Concen: 57.860 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.000 min

Lab File: VU046902.D

Acq: 28 Jan 2022 19:02

Tgt Ion:164 Resp: 282991

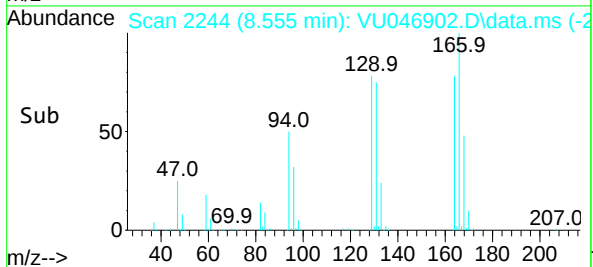
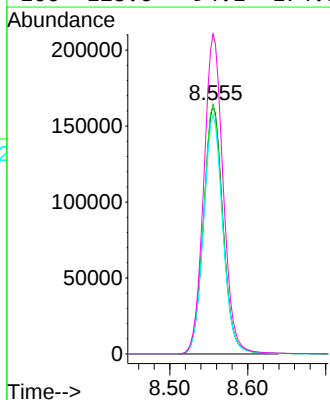
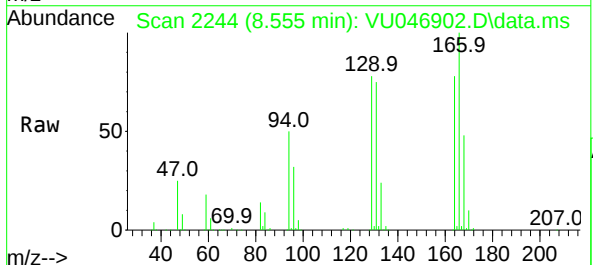
Ion Ratio Lower Upper

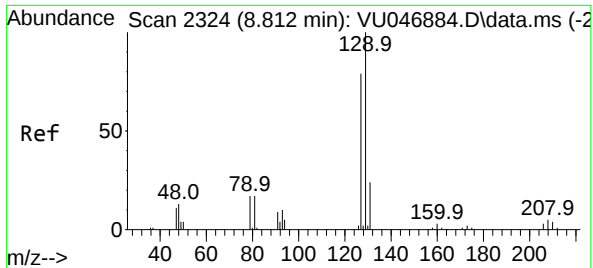
164 100

129 99.8 71.8 133.4

131 96.1 68.5 127.3

166 128.6 94.1 174.8





#49

Dibromochloromethane

Concen: 49.257 ug/L

RT: 8.555 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU046902.D

Acq: 28 Jan 2022 19:02

Instrument :

MSVOA_U

ClientSampleId :

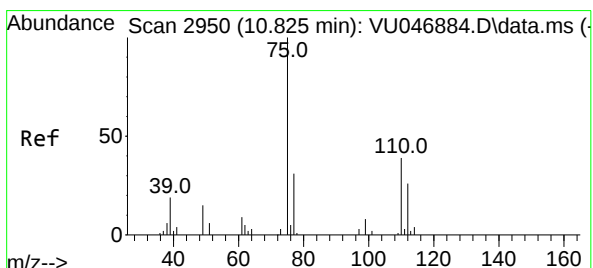
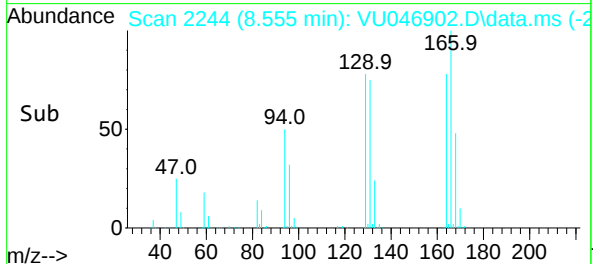
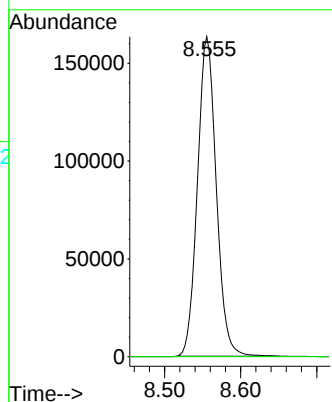
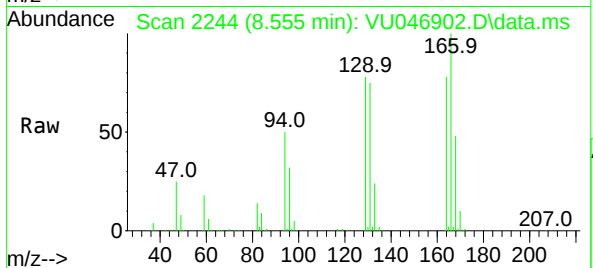
COHL4

Tgt Ion:129 Resp: 280871

Ion Ratio Lower Upper

129 100

127 0.0 55.4 102.8#



#61

1,2,3-Trichloropropane

Concen: 1.482 ug/L

RT: 11.813 min Scan# 3257

Delta R.T. 0.987 min

Lab File: VU046902.D

Acq: 28 Jan 2022 19:02

Tgt Ion: 75 Resp: 5213

Ion Ratio Lower Upper

75 100

110 0.0 29.9 44.9#

77 32.8 25.5 38.3

