

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013122\
 Data File : VU046928.D
 Acq On : 31 Jan 2022 19:30
 Operator : SY/MD
 Sample : N1273-18 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COHL6

Quant Time: Feb 01 00:29:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 01 00:23:47 2022
 Response via : Initial Calibration

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

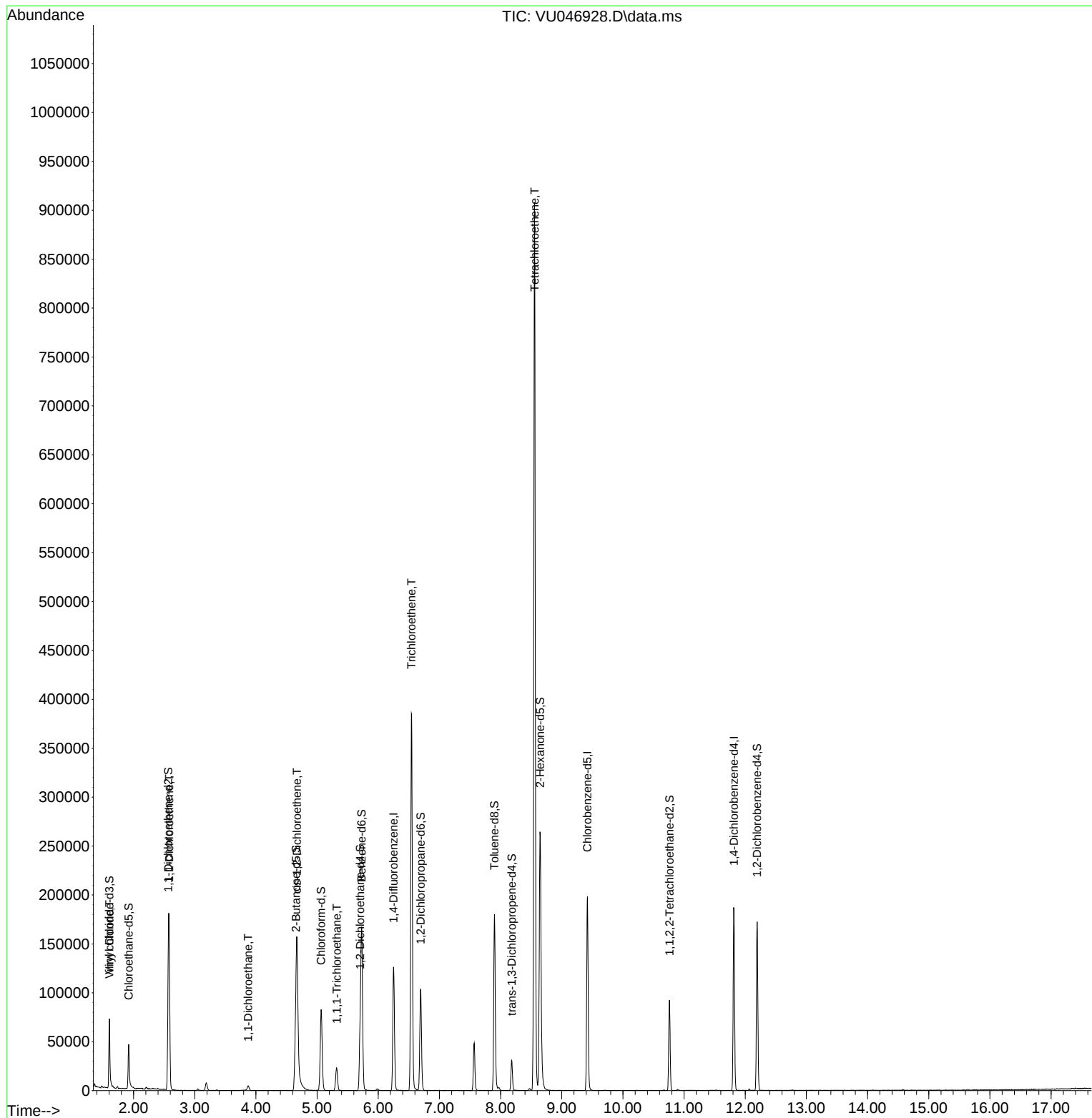
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	104404	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	116005	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	50549	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	52998	5.991	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 119.800%		
7) Chloroethane-d5	1.919	69	40736	5.844	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 116.800%		
11) 1,1-Dichloroethene-d2	2.568	65	20353	5.784	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 115.600%		
20) 2-Butanone-d5	4.655	46	133408	50.902	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 101.800%		
24) Chloroform-d	5.067	84	78135	5.031	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 100.600%		
26) 1,2-Dichloroethane-d4	5.703	65	43845	5.184	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 103.600%		
32) Benzene-d6	5.729	84	159432	4.676	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 93.600%		
36) 1,2-Dichloropropane-d6	6.694	67	50662	4.949	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 99.000%		
41) Toluene-d8	7.899	98	125169	4.011	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 80.200%		
43) trans-1,3-Dichloroprop...	8.182	79	18694	4.158	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 83.200%		
46) 2-Hexanone-d5	8.645	63	114918	43.171	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 86.340%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	46237	4.499	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 90.000%		
66) 1,2-Dichlorobenzene-d4	12.195	152	44848	4.731	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 94.600%		
Target Compounds						
						Qvalue
5) Vinyl chloride	1.607	62	5459	0.648	ug/L	91
12) 1,1-Dichloroethene	2.581	96	39551	6.784	ug/L	92
19) 1,1-Dichloroethane	3.874	63	5510	0.520	ug/L	94
22) cis-1,2-Dichloroethene	4.671	96	60735	9.118	ug/L	97
29) 1,1,1-Trichloroethane	5.321	97	17920	1.715	ug/L	97
34) Trichloroethene	6.542	95	133466	18.821	ug/L	99
47) Tetrachloroethene	8.555	164	200442	34.755	ug/L	95

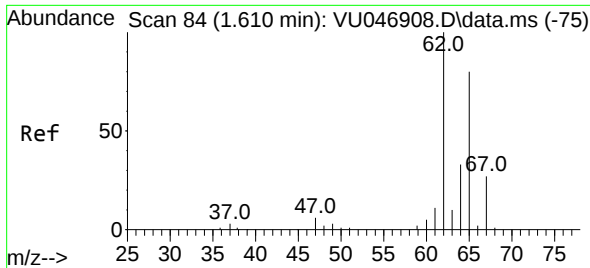
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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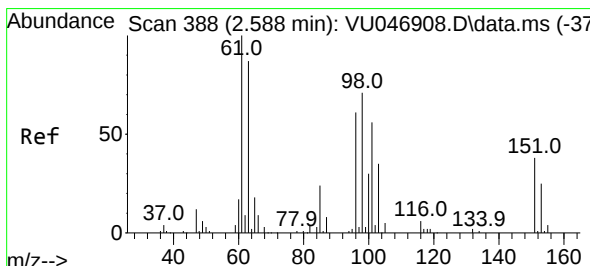
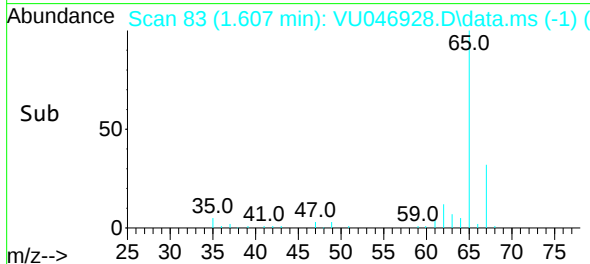
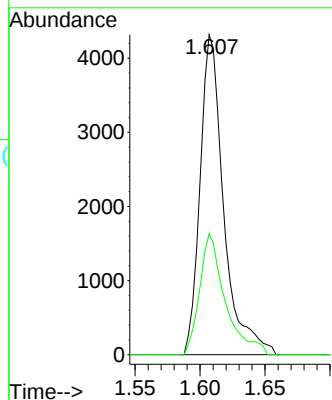
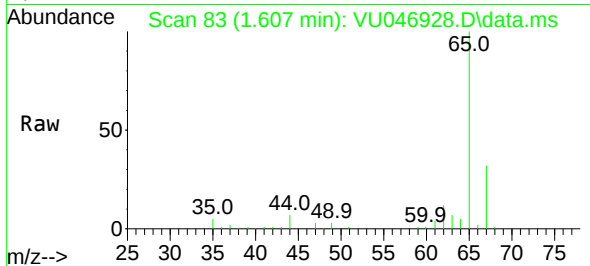




#5
 Vinyl chloride
 Concen: 0.648 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU046928.D
 Acq: 31 Jan 2022 19:30

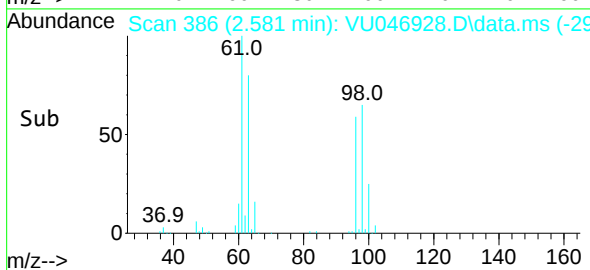
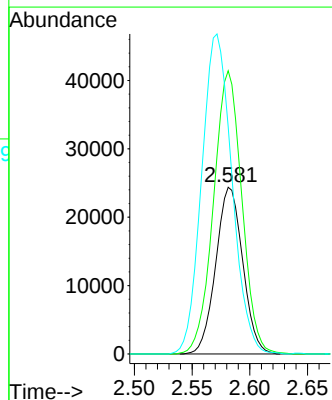
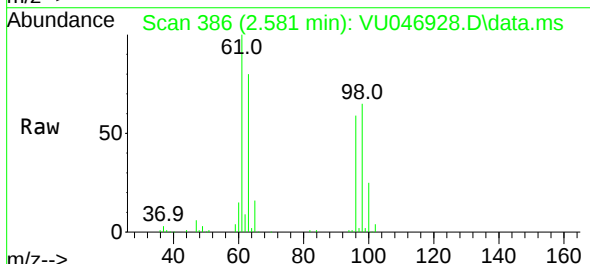
Instrument :
 MSVOA_U
 ClientSampleId :
 COHL6

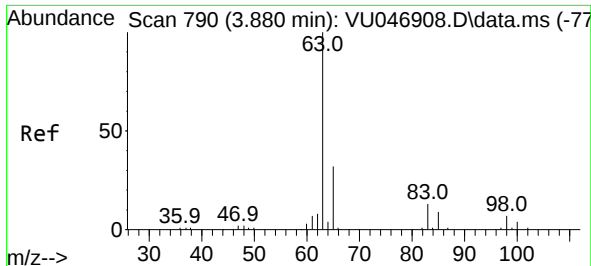
Tgt Ion: 62 Resp: 5459
 Ion Ratio Lower Upper
 62 100
 64 37.8 22.9 42.5



#12
 1,1-Dichloroethene
 Concen: 6.784 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. -0.006 min
 Lab File: VU046928.D
 Acq: 31 Jan 2022 19:30

Tgt Ion: 96 Resp: 39551
 Ion Ratio Lower Upper
 96 100
 61 169.9 124.7 231.5
 63 136.2 105.2 195.4





#19

1,1-Dichloroethane

Concen: 0.520 ug/L

RT: 3.874 min Scan# 790

Delta R.T. -0.006 min

Lab File: VU046928.D

Acq: 31 Jan 2022 19:30

Instrument :

MSVOA_U

ClientSampleId :

COHL6

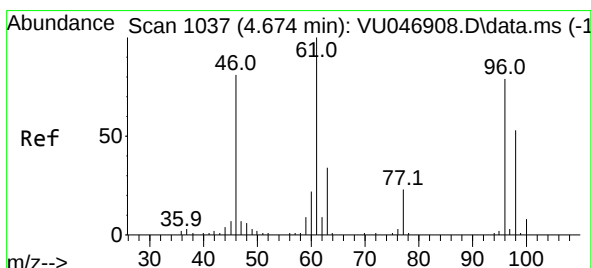
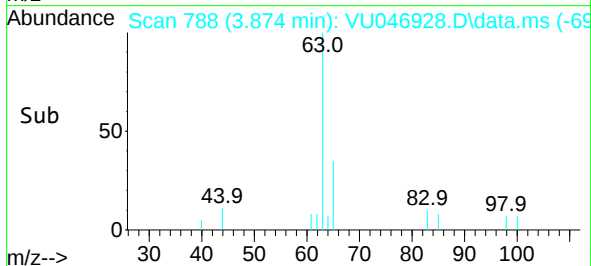
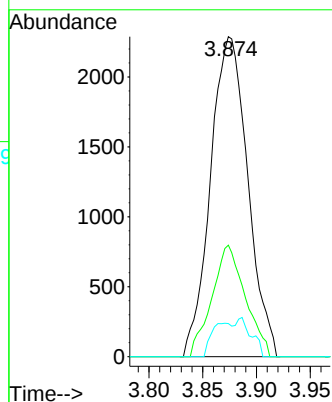
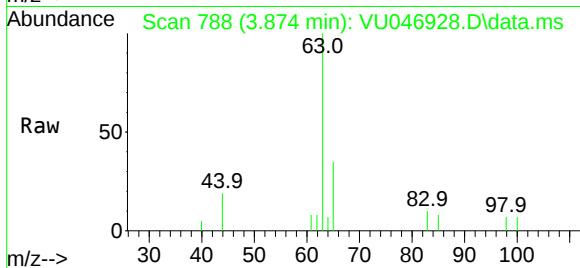
Tgt Ion: 63 Resp: 5510

Ion Ratio Lower Upper

63 100

65 34.8 22.3 41.5

83 10.3 9.6 17.8



#22

cis-1,2-Dichloroethene

Concen: 9.118 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VU046928.D

Acq: 31 Jan 2022 19:30

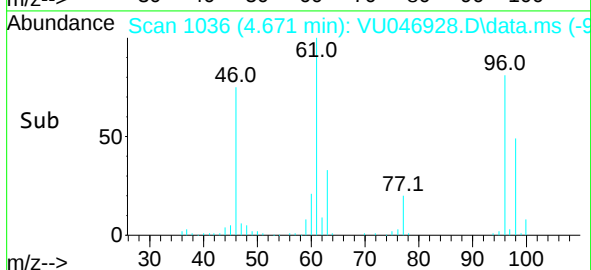
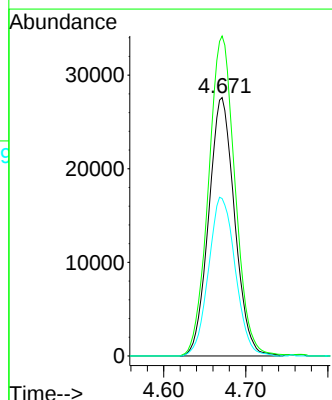
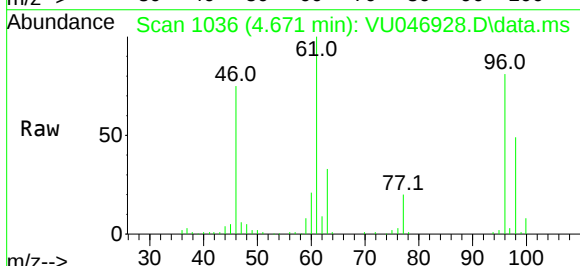
Tgt Ion: 96 Resp: 60735

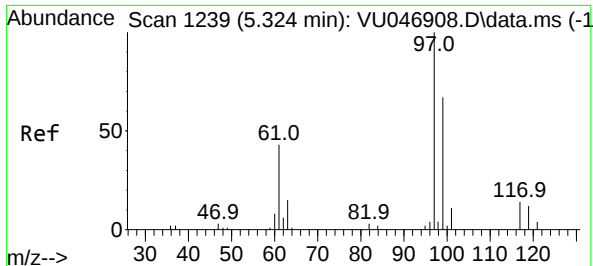
Ion Ratio Lower Upper

96 100

61 123.8 88.5 164.3

98 60.9 44.4 82.5





#29

1,1,1-Trichloroethane

Concen: 1.715 ug/L

RT: 5.321 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU046928.D

Acq: 31 Jan 2022 19:30

Instrument :

MSVOA_U

ClientSampleId :

COHL6

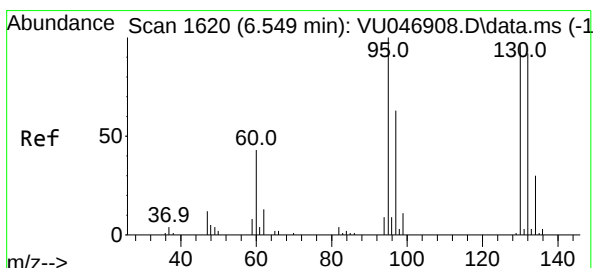
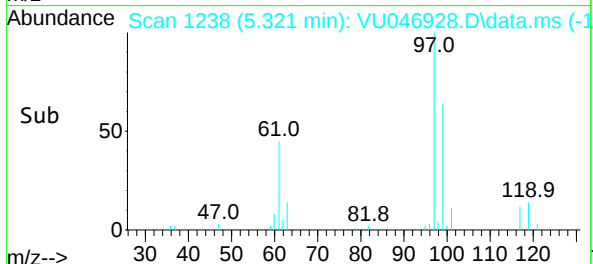
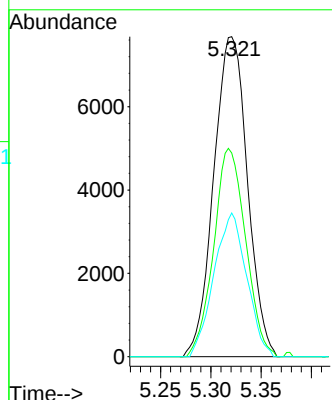
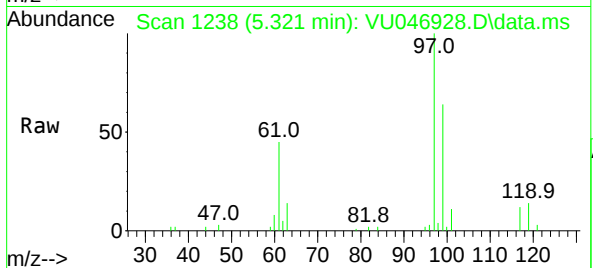
Tgt Ion: 97 Resp: 17920

Ion Ratio Lower Upper

97 100

99 61.8 51.3 76.9

61 43.6 36.1 54.1



#34

Trichloroethene

Concen: 18.821 ug/L

RT: 6.542 min Scan# 1618

Delta R.T. -0.006 min

Lab File: VU046928.D

Acq: 31 Jan 2022 19:30

Tgt Ion: 95 Resp: 133466

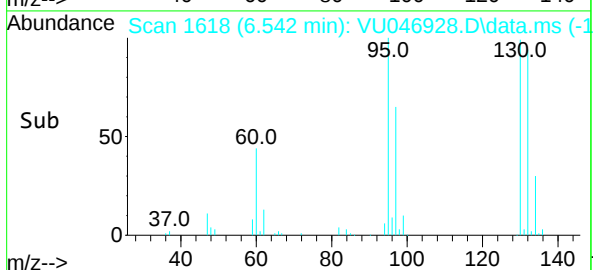
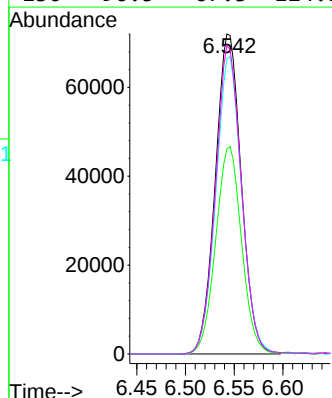
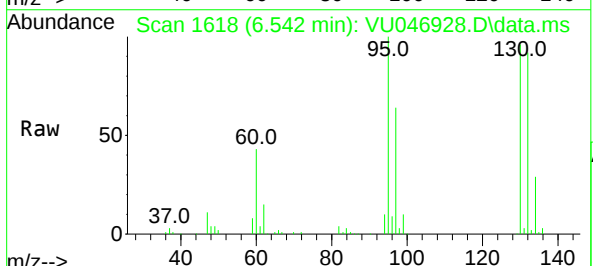
Ion Ratio Lower Upper

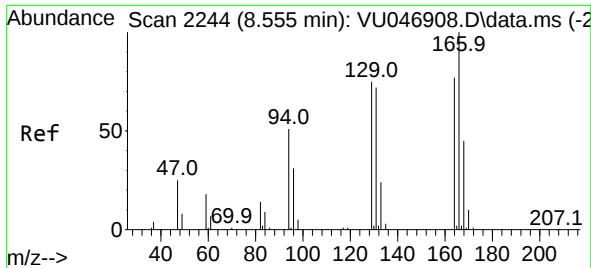
95 100

97 64.0 46.5 86.5

132 92.2 65.1 120.9

130 96.5 67.3 124.9





#47

Tetrachloroethene

Concen: 34.755 ug/L

RT: 8.555 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU046928.D

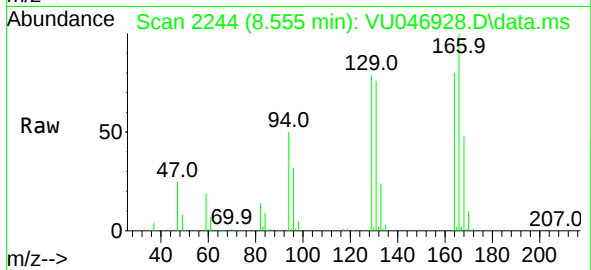
Acq: 31 Jan 2022 19:30

Instrument :

MSVOA_U

ClientSampleId :

COHL6



Tgt Ion:164 Resp: 200442

Ion Ratio Lower Upper

164 100

129 98.5 71.8 133.4

131 95.1 68.5 127.3

166 125.4 94.1 174.8

