

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)

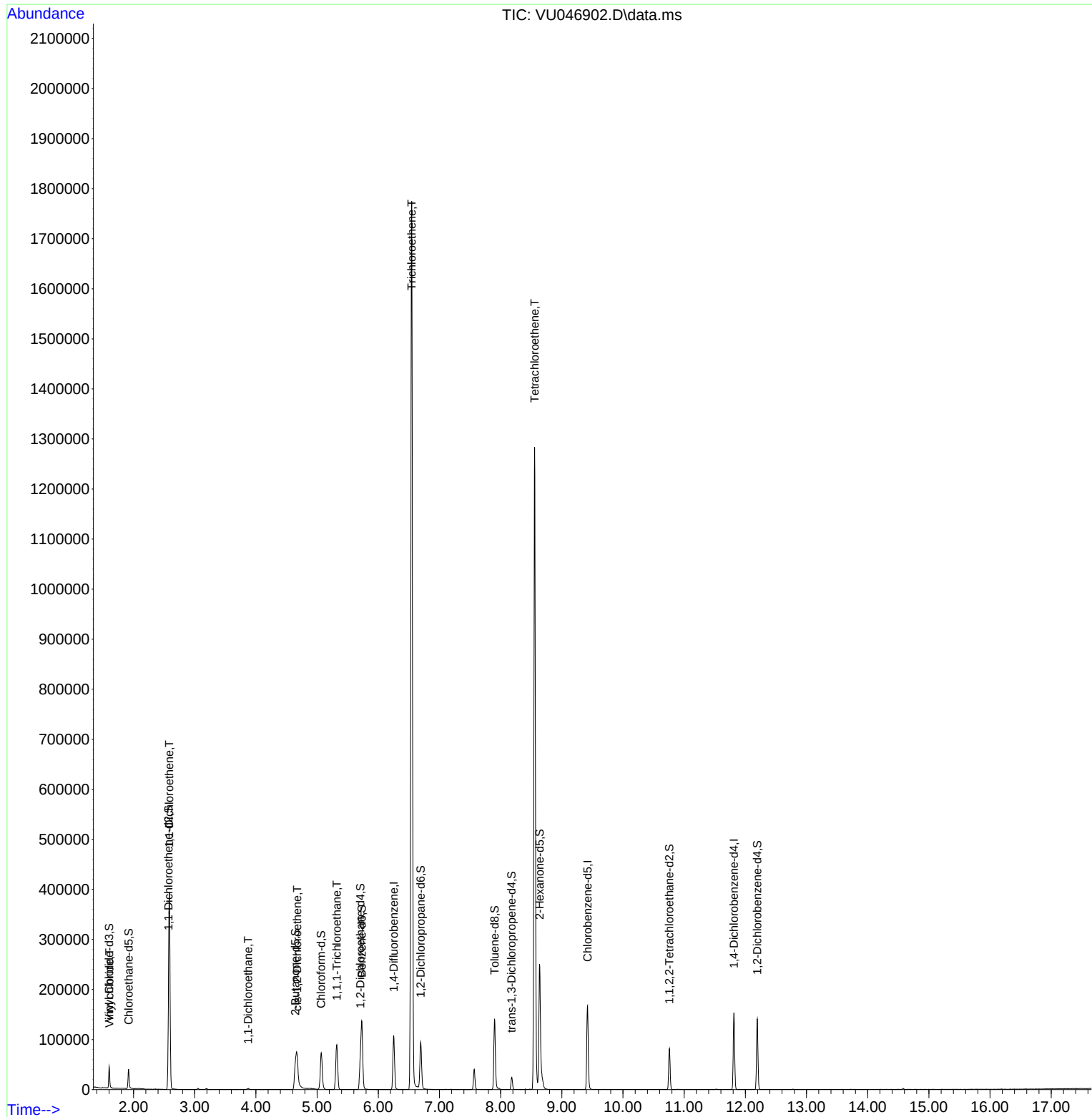
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	89440	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	98377	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	41502	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	29950	3.952	ug/L	0.00
Spiked Amount	5.000	Range	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
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
34) Trichloroethene	6.546	95	625724	104.051	ug/L	98
47) Tetrachloroethene	8.555	164	282991	57.860	ug/L	97

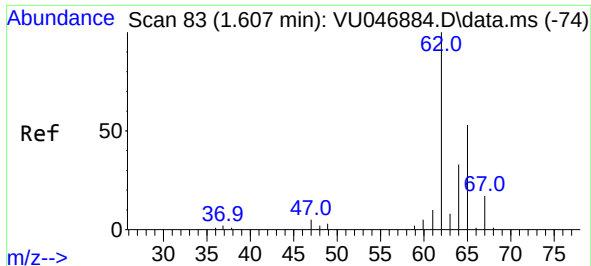
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

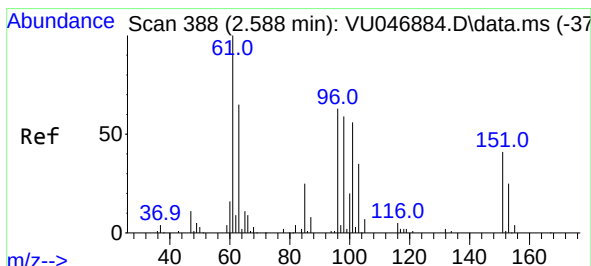
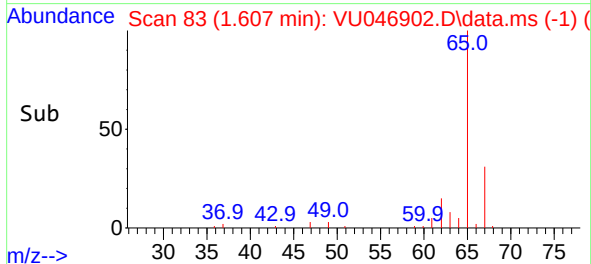
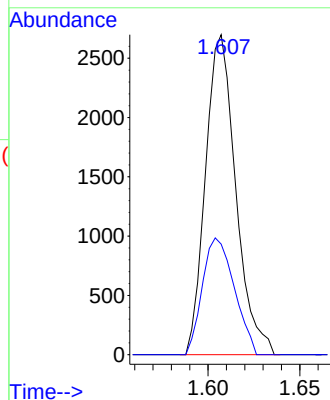
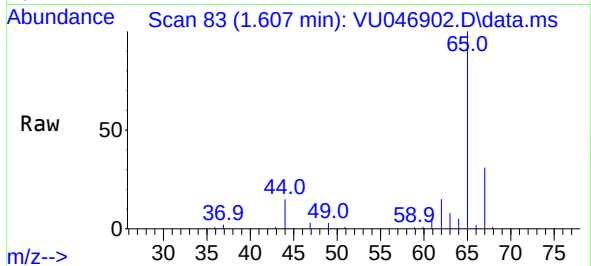




#5
 Vinyl chloride
 Concen: 0.429 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU046902.D
 Acq: 28 Jan 2022 19:02

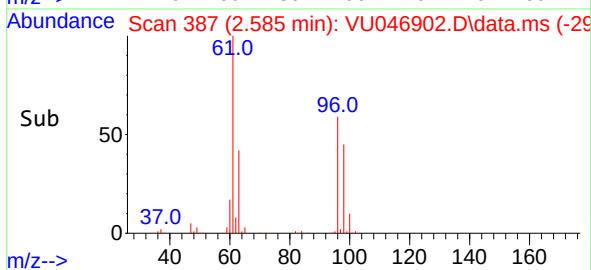
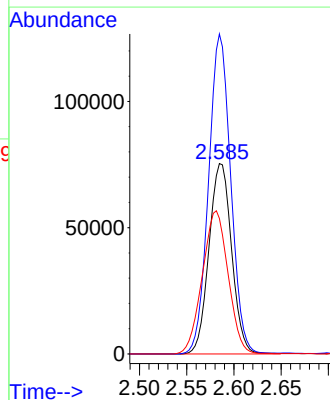
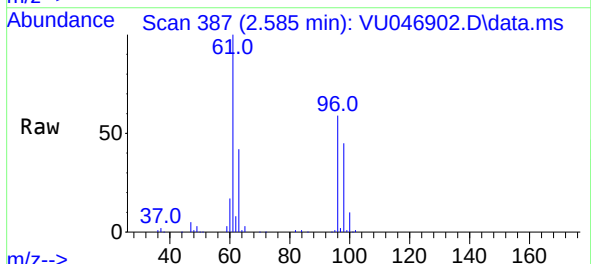
Instrument :
 MSVOA_U
 ClientSampleId :
 COHL4

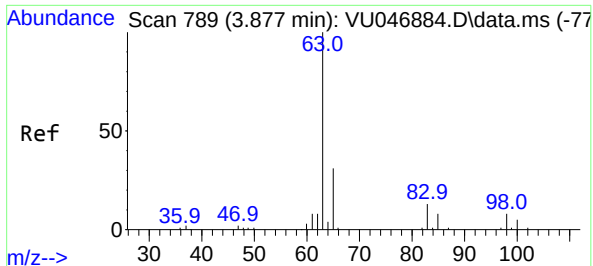
Tgt Ion: 62 Resp: 3094
 Ion Ratio Lower Upper
 62 100
 64 34.6 22.9 42.5



#12
 1,1-Dichloroethene
 Concen: 25.146 ug/L
 RT: 2.585 min Scan# 387
 Delta R.T. -0.003 min
 Lab File: VU046902.D
 Acq: 28 Jan 2022 19:02

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#



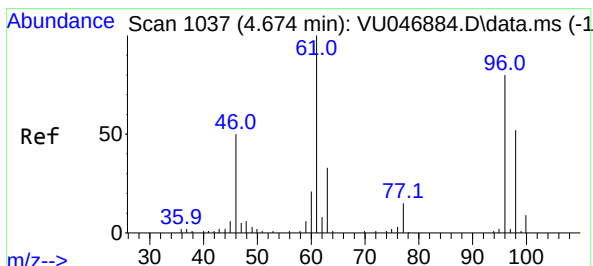
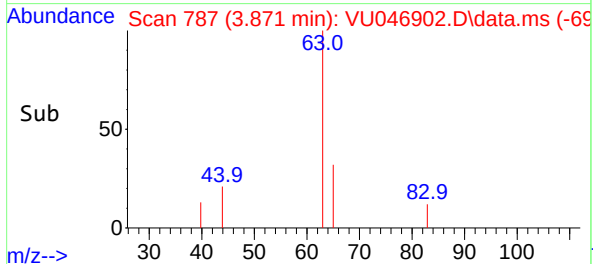
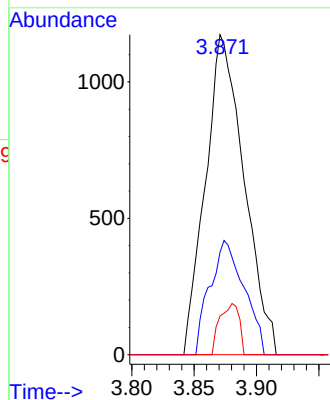
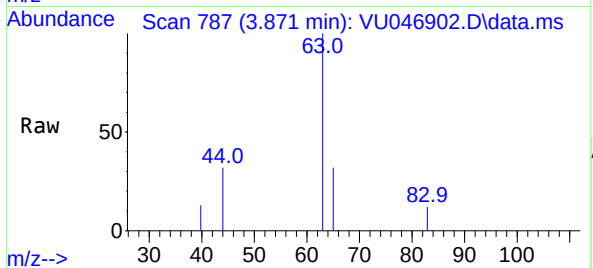


#19
1,1-Dichloroethane
Concen: 0.278 ug/L
RT: 3.871 min Scan# 789
Delta R.T. -0.006 min
Lab File: VU046902.D
Acq: 28 Jan 2022 19:02

Instrument :
MSVOA_U
ClientSampleId :
COHL4

Tgt Ion: 63 Resp: 2525

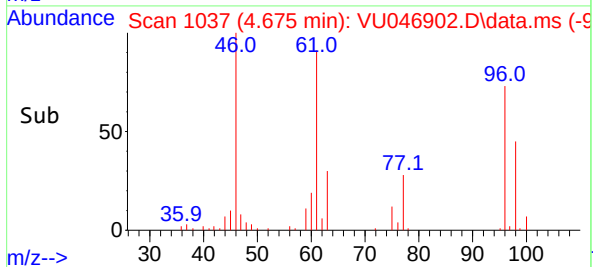
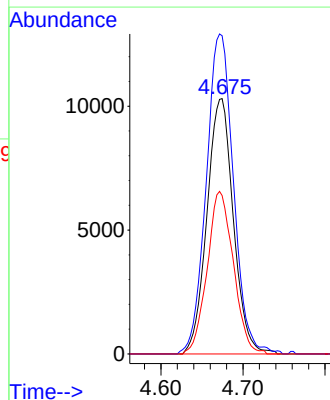
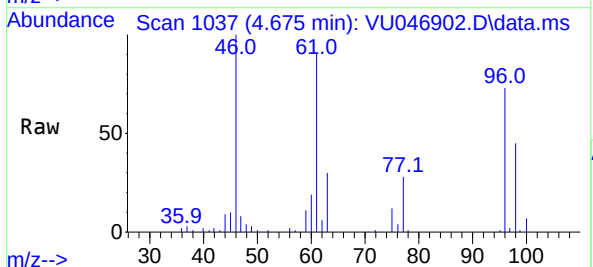
Ion	Ratio	Lower	Upper
63	100		
65	32.1	22.3	41.5
83	12.1	9.6	17.8

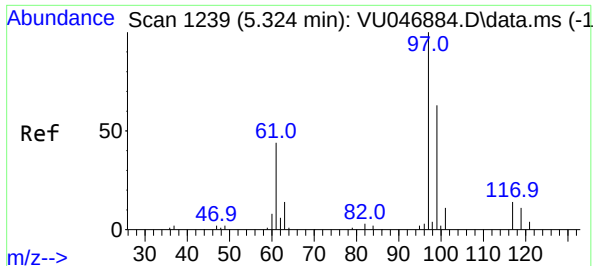


#22
cis-1,2-Dichloroethene
Concen: 4.046 ug/L
RT: 4.675 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VU046902.D
Acq: 28 Jan 2022 19:02

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

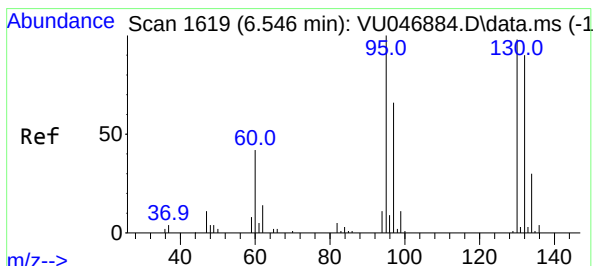
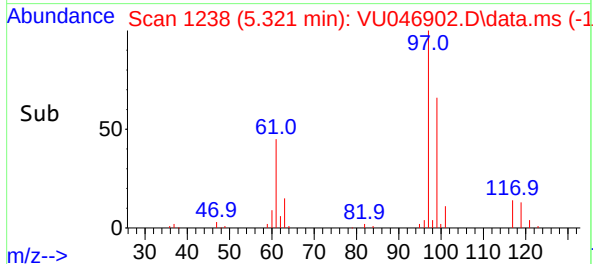
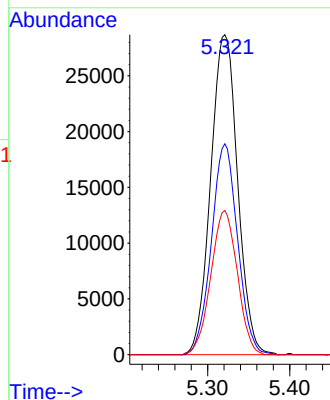
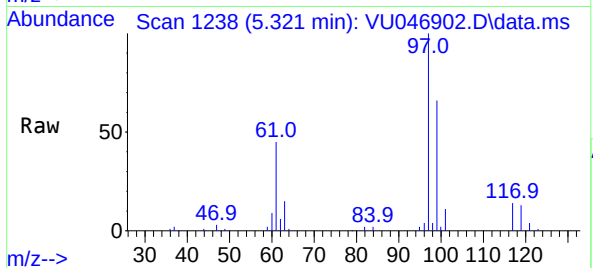




#29
1,1,1-Trichloroethane
Concen: 7.402 ug/L
RT: 5.321 min Scan# 1239
Delta R.T. -0.003 min
Lab File: VU046902.D
Acq: 28 Jan 2022 19:02

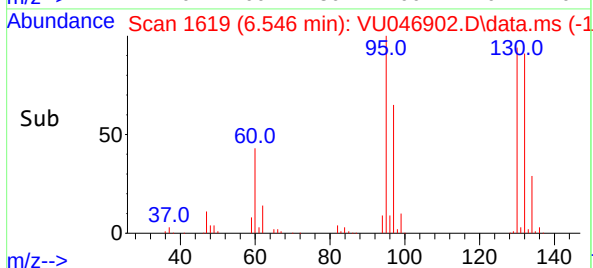
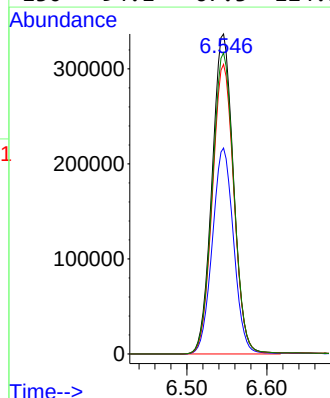
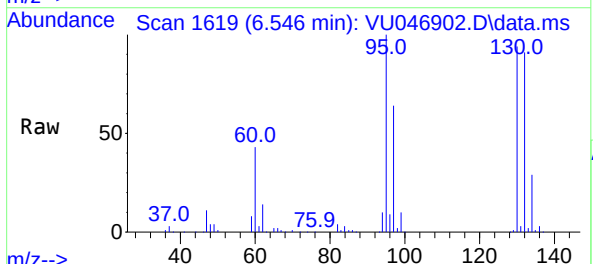
Instrument :
MSVOA_U
ClientSampleId :
COHL4

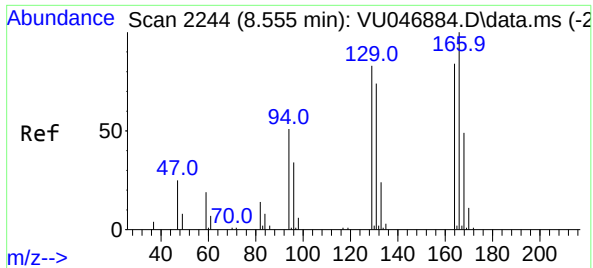
Tgt Ion: 97 Resp: 65590
Ion Ratio Lower Upper
97 100
99 63.9 51.3 76.9
61 44.3 36.1 54.1



#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

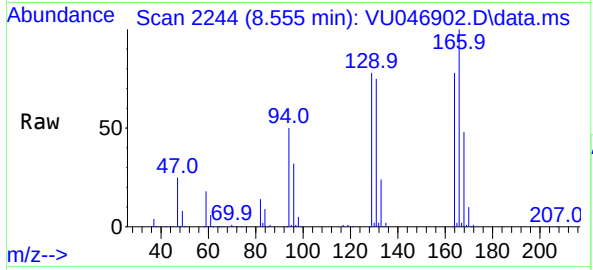
Tgt Ion: 95 Resp: 625724
Ion Ratio Lower Upper
95 100
97 64.4 46.5 86.5
132 90.5 65.1 120.9
130 94.1 67.3 124.9





#47
 Tetrachloroethene
 Concen: 57.860 ug/L
 RT: 8.555 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU046902.D
 Acq: 28 Jan 2022 19:02

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HL4



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

