

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012822\
 Data File : VU046905.D
 Acq On : 28 Jan 2022 20:15
 Operator : SY/MD
 Sample : N1273-20 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COHL8

Quant Time: Jan 29 00:44:14 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)

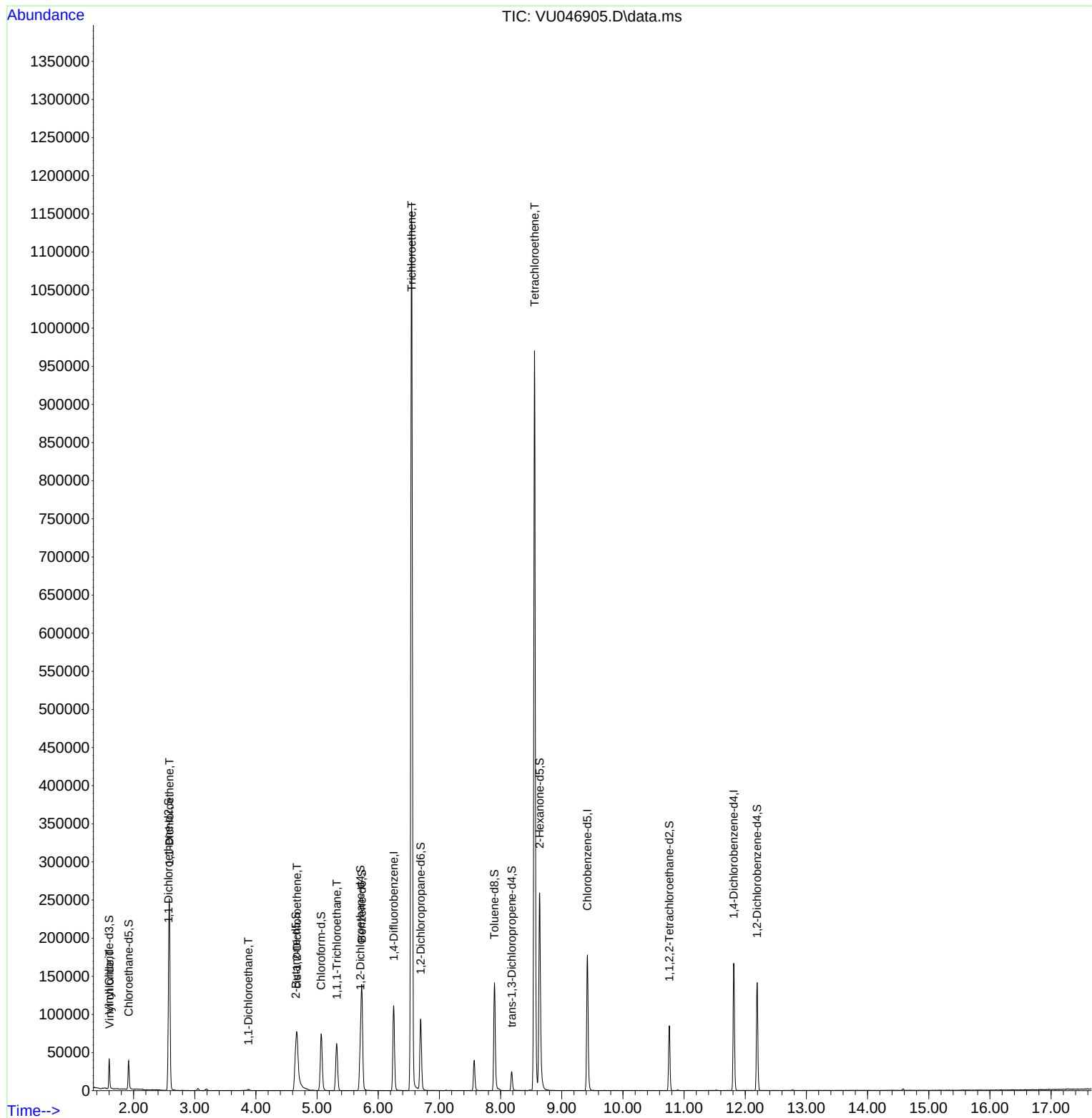
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	92364	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	104080	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	44427	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	29421	3.759	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.200%
7) Chloroethane-d5	1.919	69	28917	4.689	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.800%
11) 1,1-Dichloroethene-d2	2.571	65	13291	4.269	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.400%
20) 2-Butanone-d5	4.652	46	120973	52.175	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.340%
24) Chloroform-d	5.067	84	70423	5.126	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.600%
26) 1,2-Dichloroethane-d4	5.706	65	39360	5.260	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.200%
32) Benzene-d6	5.732	84	129914	4.247	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
36) 1,2-Dichloropropane-d6	6.693	67	45459	4.950	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.000%
41) Toluene-d8	7.899	98	99207	3.543	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.800%
43) trans-1,3-Dichloroprop...	8.182	79	14876	3.688	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.800%
46) 2-Hexanone-d5	8.639	63	102793	43.041	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.080%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	42564	4.616	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	37116	4.455	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.000%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.610	62	707	0.095	ug/L #	55
12) 1,1-Dichloroethene	2.588	96	75965	14.729	ug/L #	65
19) 1,1-Dichloroethane	3.877	63	1460	0.156	ug/L #	76
22) cis-1,2-Dichloroethene	4.671	96	20005	3.395	ug/L	100
29) 1,1,1-Trichloroethane	5.321	97	45302	4.833	ug/L	98
34) Trichloroethene	6.546	95	408744	64.245	ug/L	98
47) Tetrachloroethene	8.555	164	215165	41.582	ug/L	96

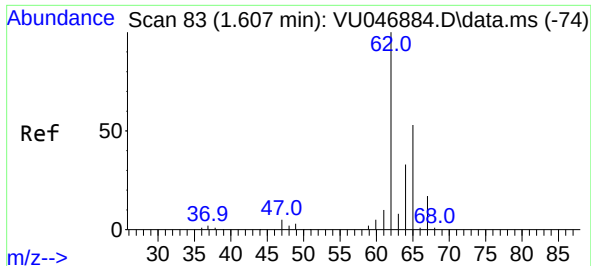
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jan 29 00:38:36 2022
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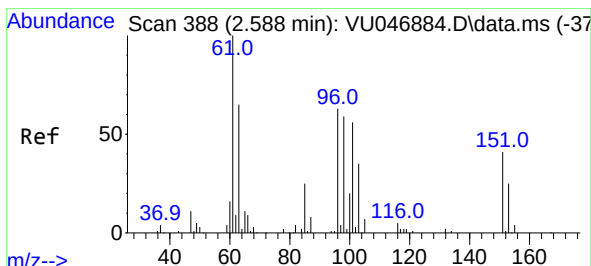
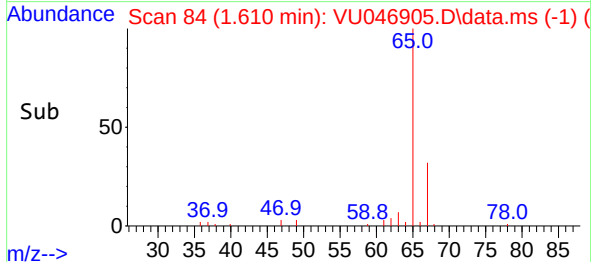
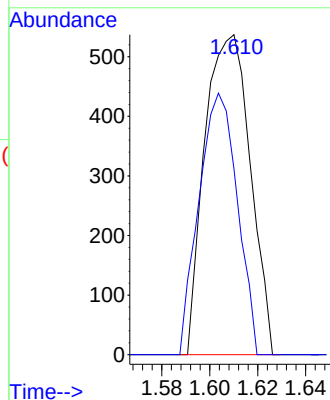
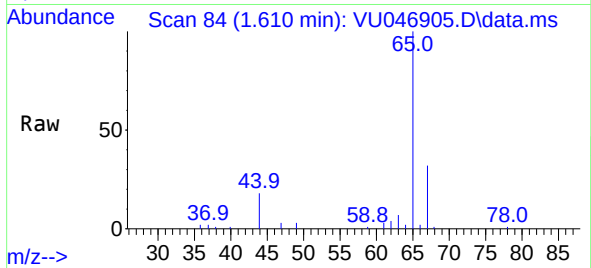




#5
 Vinyl chloride
 Concen: 0.095 ug/L
 RT: 1.610 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VU046905.D
 Acq: 28 Jan 2022 20:15

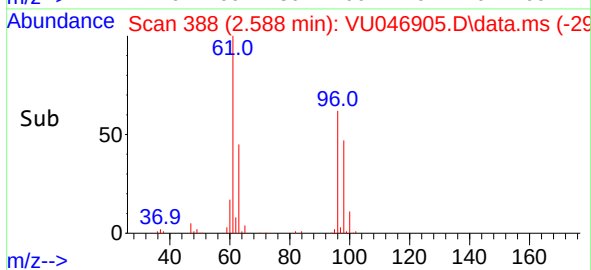
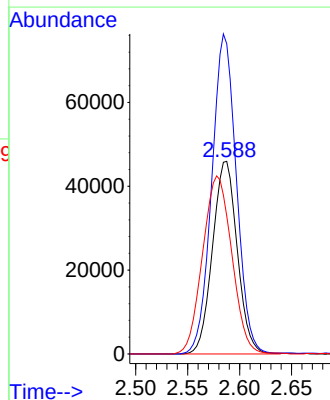
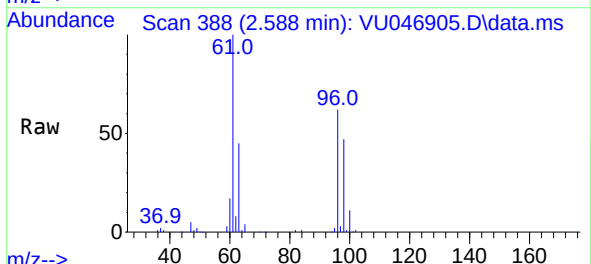
Instrument :
 MSVOA_U
 ClientSampleId :
 COHL8

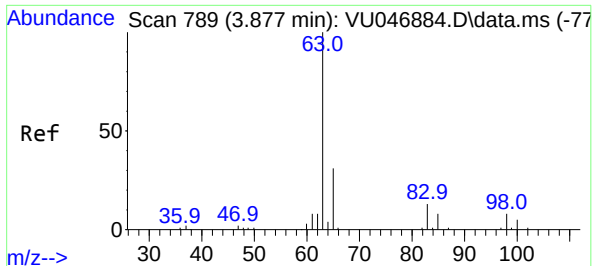
Tgt Ion: 62 Resp: 707
 Ion Ratio Lower Upper
 62 100
 64 58.1 22.9 42.5#



#12
 1,1-Dichloroethene
 Concen: 14.729 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU046905.D
 Acq: 28 Jan 2022 20:15

Tgt Ion: 96 Resp: 75965
 Ion Ratio Lower Upper
 96 100
 61 161.0 124.7 231.5
 63 71.7 105.2 195.4#

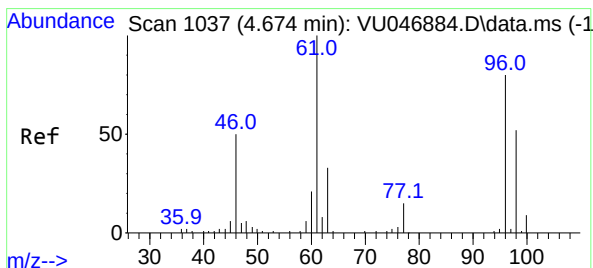
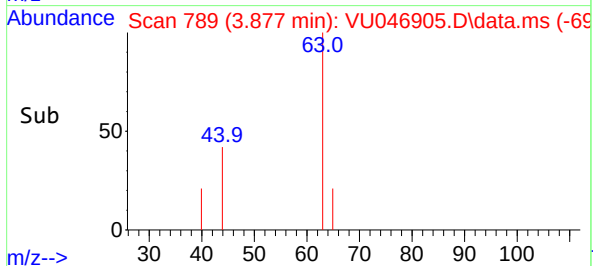
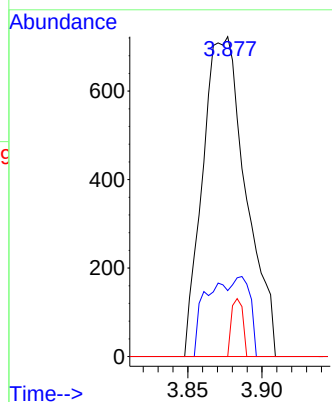
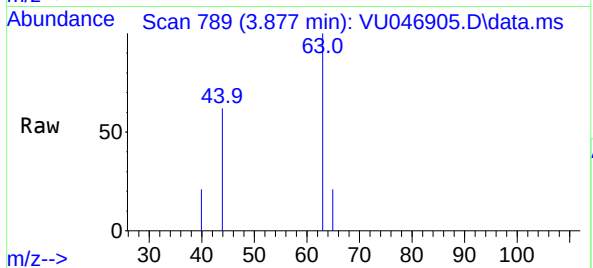




#19
1,1-Dichloroethane
Concen: 0.156 ug/L
RT: 3.877 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU046905.D
Acq: 28 Jan 2022 20:15

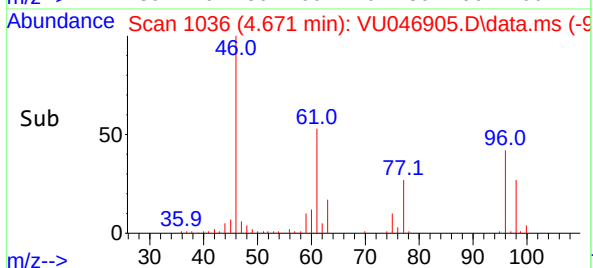
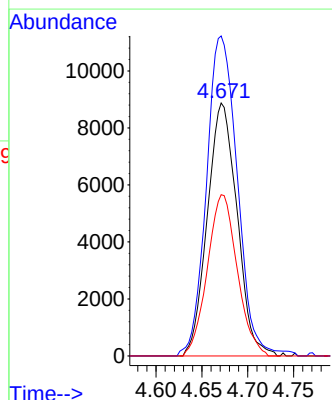
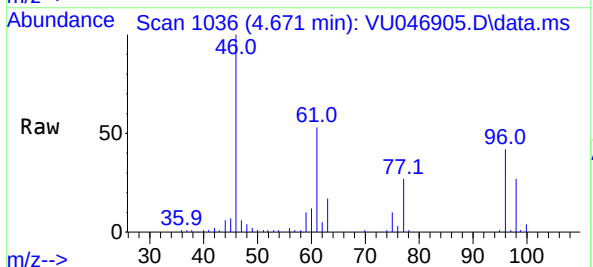
Instrument :
MSVOA_U
ClientSampleId :
COHL8

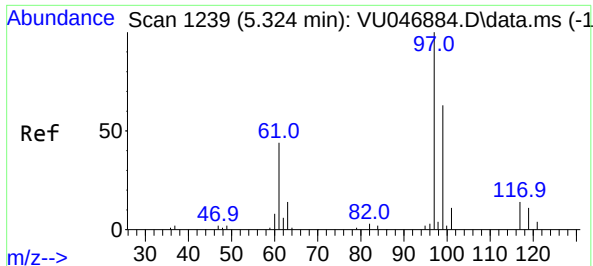
Tgt Ion: 63 Resp: 1460
Ion Ratio Lower Upper
63 100
65 20.6 22.3 41.5#
83 0.0 9.6 17.8#



#22
cis-1,2-Dichloroethene
Concen: 3.395 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.003 min
Lab File: VU046905.D
Acq: 28 Jan 2022 20:15

Tgt Ion: 96 Resp: 20005
Ion Ratio Lower Upper
96 100
61 126.5 88.5 164.3
98 63.8 44.4 82.5



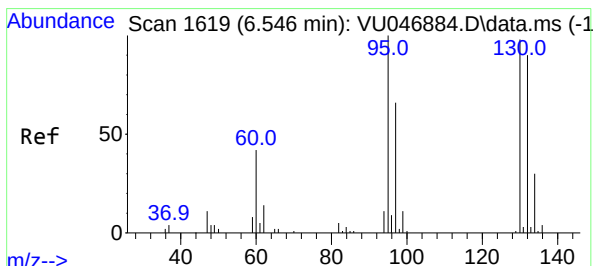
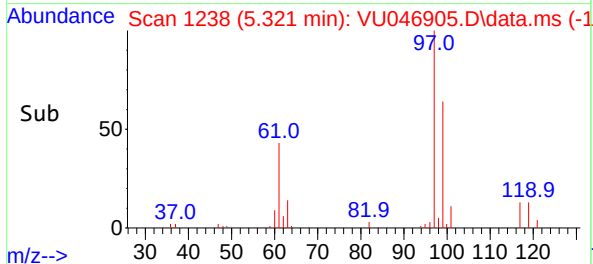
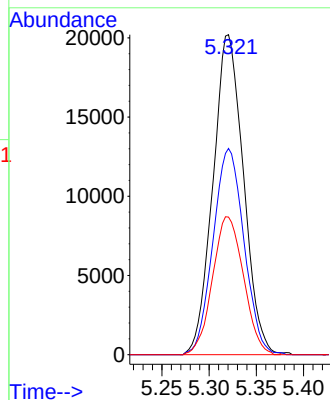
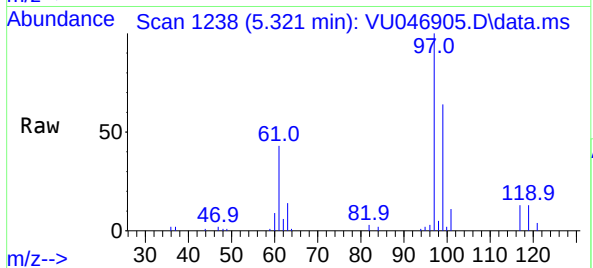


#29
1,1,1-Trichloroethane
Concen: 4.833 ug/L
RT: 5.321 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU046905.D
Acq: 28 Jan 2022 20:15

Instrument :
MSVOA_U
ClientSampleId :
COHL8

Tgt Ion: 97 Resp: 45302

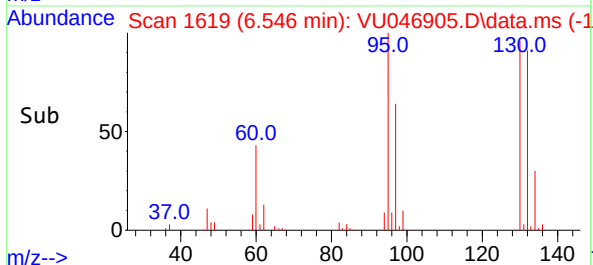
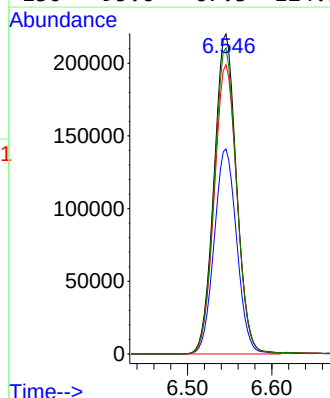
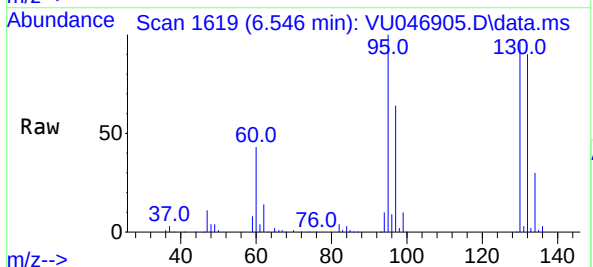
Ion	Ratio	Lower	Upper
97	100		
99	65.4	51.3	76.9
61	43.9	36.1	54.1

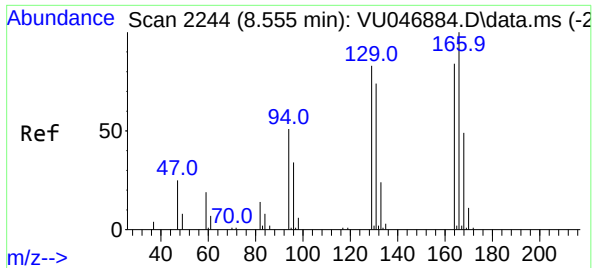


#34
Trichloroethene
Concen: 64.245 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU046905.D
Acq: 28 Jan 2022 20:15

Tgt Ion: 95 Resp: 408744

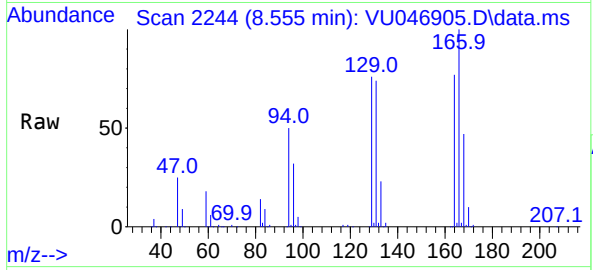
Ion	Ratio	Lower	Upper
95	100		
97	64.1	46.5	86.5
132	90.4	65.1	120.9
130	95.6	67.3	124.9





#47
 Tetrachloroethene
 Concen: 41.582 ug/L
 RT: 8.555 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU046905.D
 Acq: 28 Jan 2022 20:15

Instrument :
 MSVOA_U
 ClientSampleId :
 COHL8



Tgt Ion:164 Resp: 215165

Ion	Ratio	Lower	Upper
164	100		
129	98.7	71.8	133.4
131	95.3	68.5	127.3
166	129.5	94.1	174.8

