

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020122\
 Data File : VU046974.D
 Acq On : 01 Feb 2022 19:28
 Operator : SY/MD
 Sample : N1273-21 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COHL9

Quant Time: Feb 02 02:07:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 02 02:02:08 2022
 Response via : Initial Calibration

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

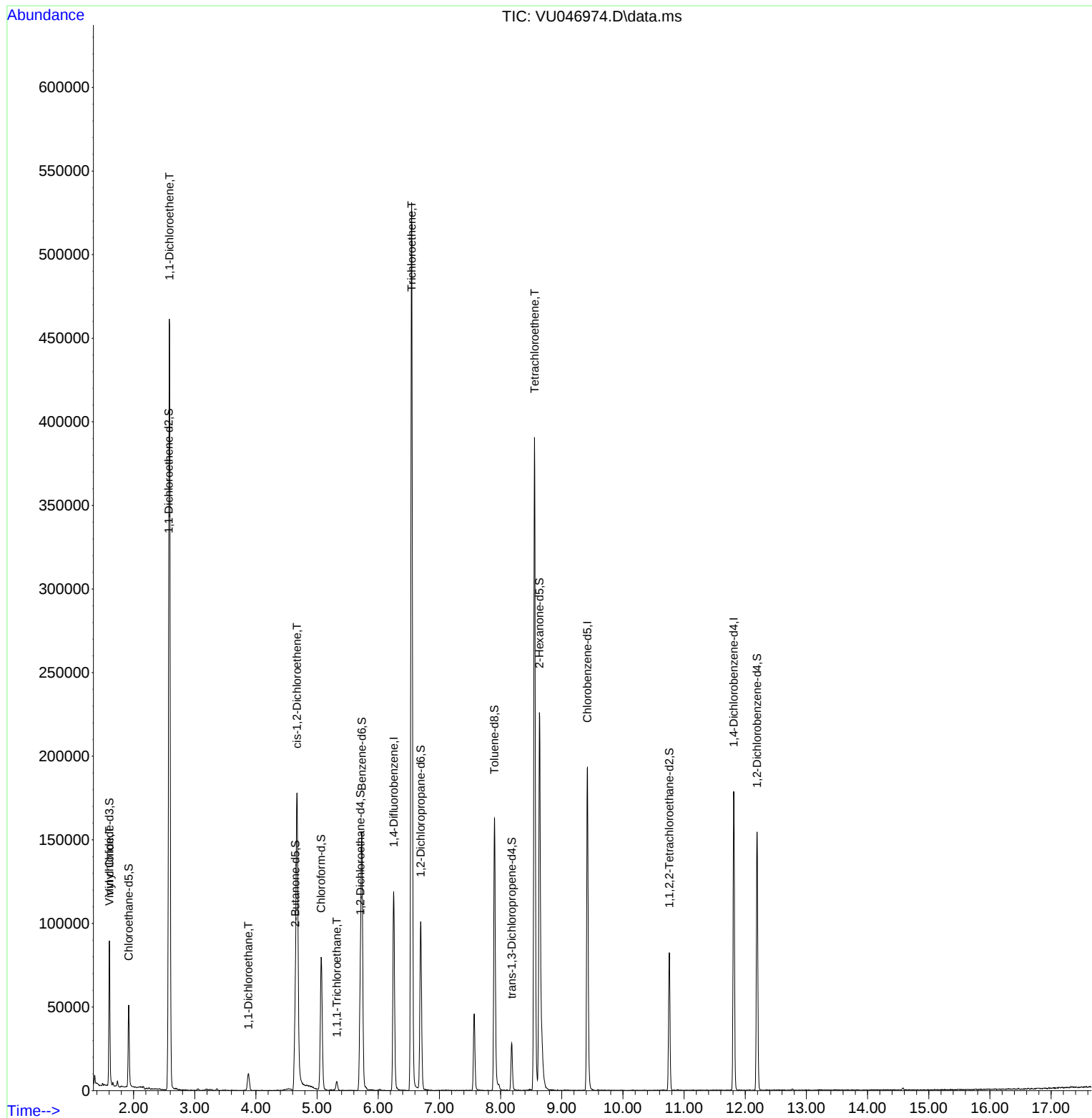
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	98499	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	114416	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	47298	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	47894	5.738	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	114.800%	
7) Chloroethane-d5	1.919	69	37830	5.753	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	115.000%	
11) 1,1-Dichloroethene-d2	2.575	65	18887	5.689	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	113.800%	
20) 2-Butanone-d5	4.645	46	98582	39.869	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	79.740%	
24) Chloroform-d	5.067	84	75393	5.145	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.000%	
26) 1,2-Dichloroethane-d4	5.706	65	41559	5.208	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.200%	
32) Benzene-d6	5.732	84	149296	4.440	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.800%	
36) 1,2-Dichloropropane-d6	6.694	67	49187	4.872	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	97.400%	
41) Toluene-d8	7.899	98	115669	3.758	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	75.200%	
43) trans-1,3-Dichloroprop...	8.182	79	16869	3.804	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	76.000%	
46) 2-Hexanone-d5	8.636	63	94589	36.028	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	72.060%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	41787	4.122	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	82.400%	
66) 1,2-Dichlorobenzene-d4	12.195	152	40302	4.544	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	90.800%	
Target Compounds						
						Qvalue
5) Vinyl chloride	1.607	62	16918	2.130	ug/L	99
12) 1,1-Dichloroethene	2.588	96	145373	26.432	ug/L #	65
19) 1,1-Dichloroethane	3.877	63	12814	1.281	ug/L	95
22) cis-1,2-Dichloroethene	4.671	96	82335	13.102	ug/L	96
29) 1,1,1-Trichloroethane	5.321	97	3912	0.380	ug/L	97
34) Trichloroethene	6.546	95	184649	26.401	ug/L	98
47) Tetrachloroethene	8.555	164	87121	15.316	ug/L	97

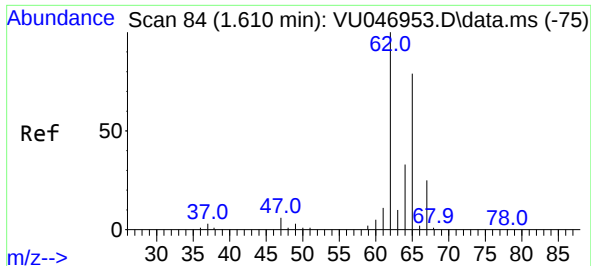
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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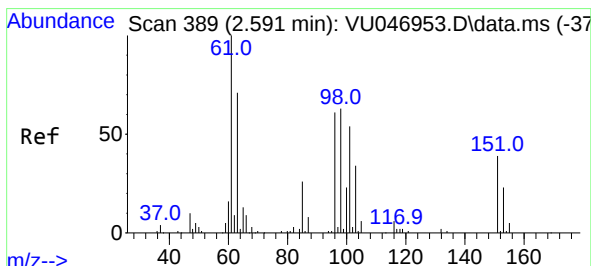
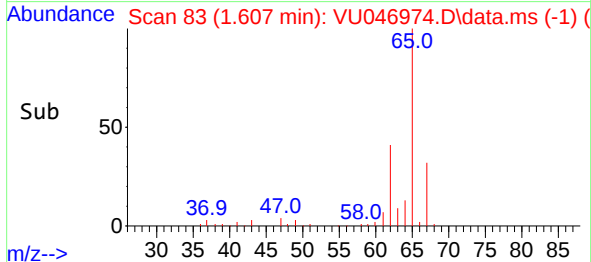
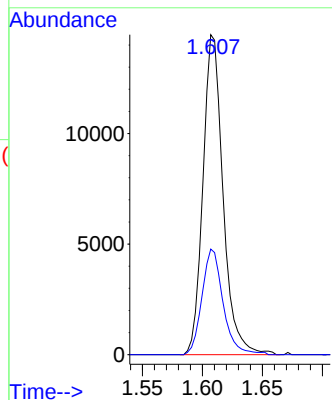
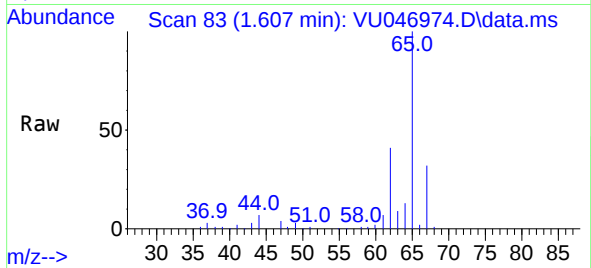




#5
 Vinyl chloride
 Concen: 2.130 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU046974.D
 Acq: 01 Feb 2022 19:28

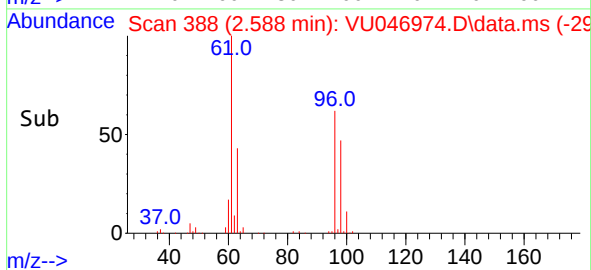
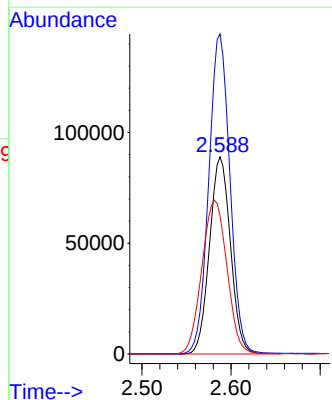
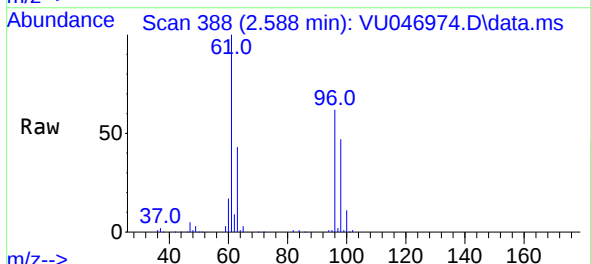
Instrument :
 MSVOA_U
 ClientSampleId :
 COHL9

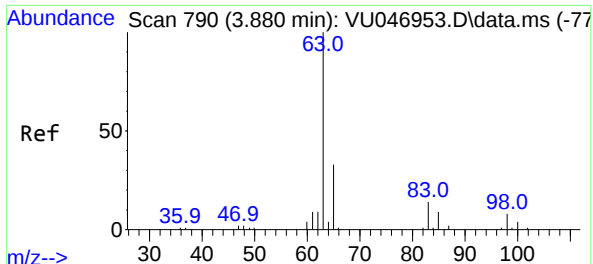
Tgt Ion: 62 Resp: 16918
 Ion Ratio Lower Upper
 62 100
 64 33.0 22.9 42.5



#12
 1,1-Dichloroethene
 Concen: 26.432 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.003 min
 Lab File: VU046974.D
 Acq: 01 Feb 2022 19:28

Tgt Ion: 96 Resp: 145373
 Ion Ratio Lower Upper
 96 100
 61 162.3 124.7 231.5
 63 70.1 105.2 195.4#





#19

1,1-Dichloroethane

Concen: 1.281 ug/L

RT: 3.877 min Scan# 71

Delta R.T. -0.003 min

Lab File: VU046974.D

Acq: 01 Feb 2022 19:28

Instrument :

MSVOA_U

ClientSampleId :

COHL9

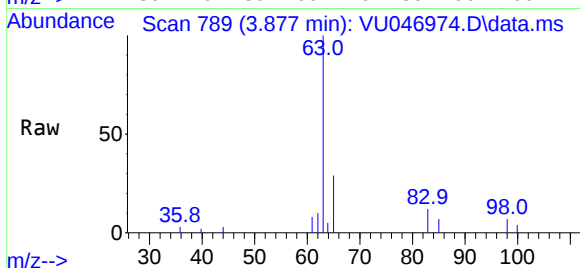
Tgt Ion: 63 Resp: 12814

Ion Ratio Lower Upper

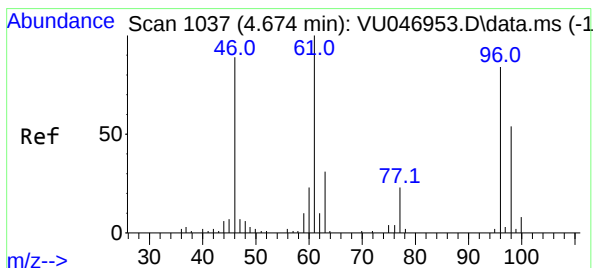
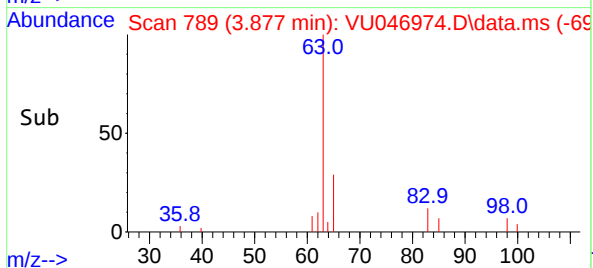
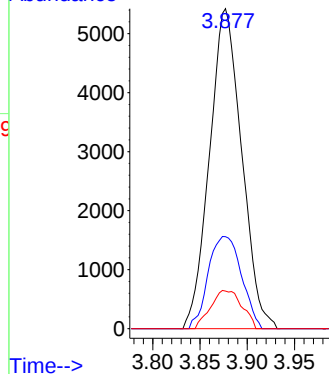
63 100

65 28.8 22.3 41.5

83 11.7 9.6 17.8



Abundance



#22

cis-1,2-Dichloroethene

Concen: 13.102 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VU046974.D

Acq: 01 Feb 2022 19:28

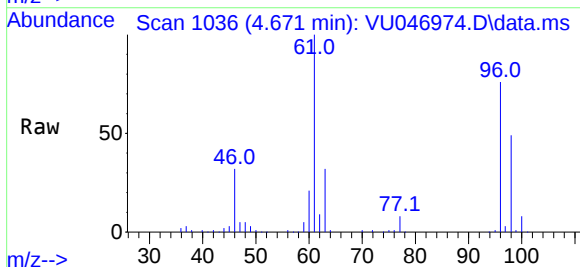
Tgt Ion: 96 Resp: 82335

Ion Ratio Lower Upper

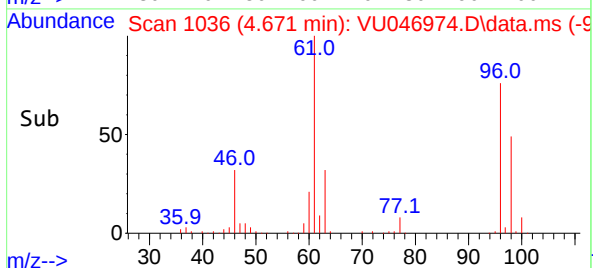
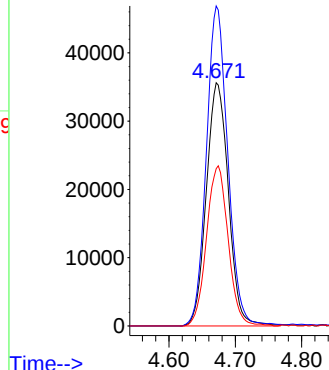
96 100

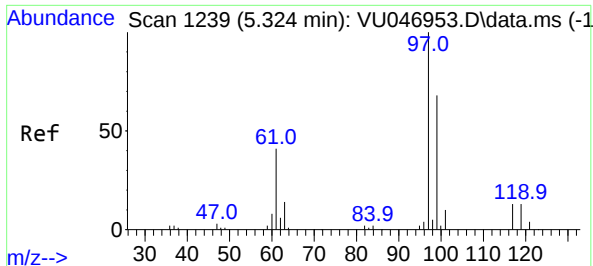
61 131.6 88.5 164.3

98 64.7 44.4 82.5



Abundance



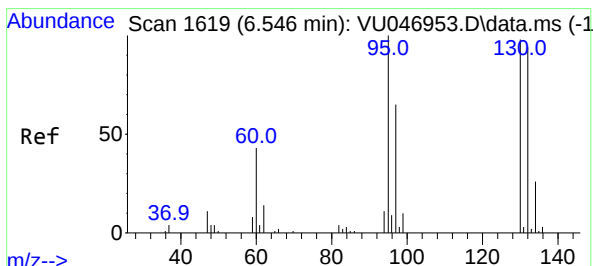
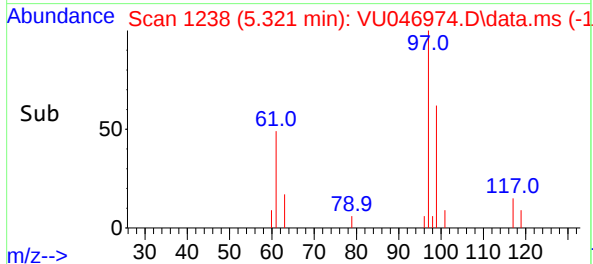
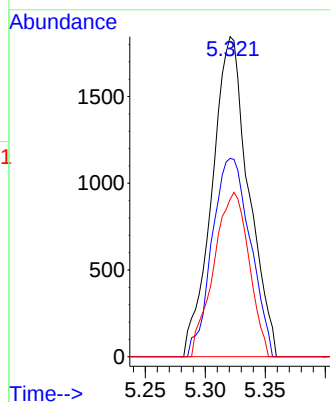
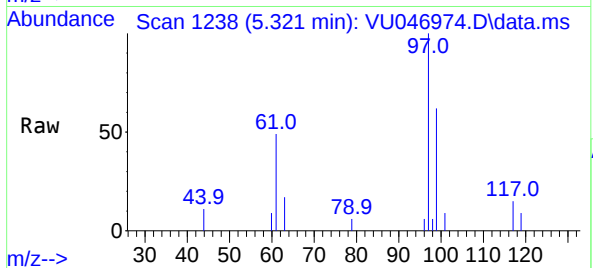


#29
1,1,1-Trichloroethane
Concen: 0.380 ug/L
RT: 5.321 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU046974.D
Acq: 01 Feb 2022 19:28

Instrument :
MSVOA_U
ClientSampleId :
COHL9

Tgt Ion: 97 Resp: 3912

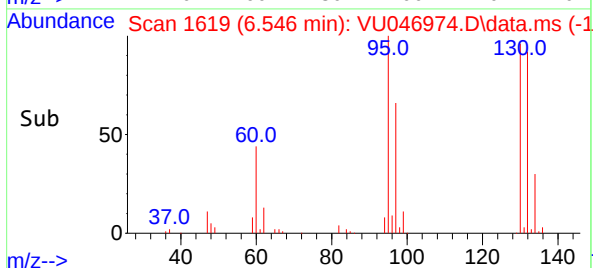
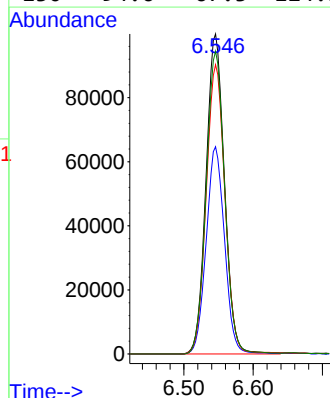
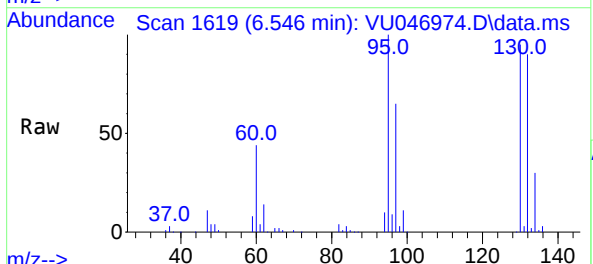
Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.3	76.9
61	49.4	36.1	54.1

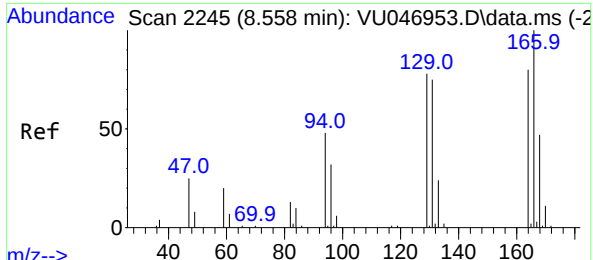


#34
Trichloroethene
Concen: 26.401 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU046974.D
Acq: 01 Feb 2022 19:28

Tgt Ion: 95 Resp: 184649

Ion	Ratio	Lower	Upper
95	100		
97	64.8	46.5	86.5
132	90.4	65.1	120.9
130	94.6	67.3	124.9





#47
 Tetrachloroethene
 Concen: 15.316 ug/L
 RT: 8.555 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VU046974.D
 Acq: 01 Feb 2022 19:28

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HL9

Tgt Ion:164 Resp: 87121

Ion	Ratio	Lower	Upper
164	100		
129	99.8	71.8	133.4
131	94.6	68.5	127.3
166	129.6	94.1	174.8

