

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020122\
 Data File : VU046988.D
 Acq On : 02 Feb 2022 01:47
 Operator : SY/MD
 Sample : N1349-14 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HQ3

Quant Time: Feb 02 04:09:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 02 03:49:05 2022
 Response via : Initial Calibration

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

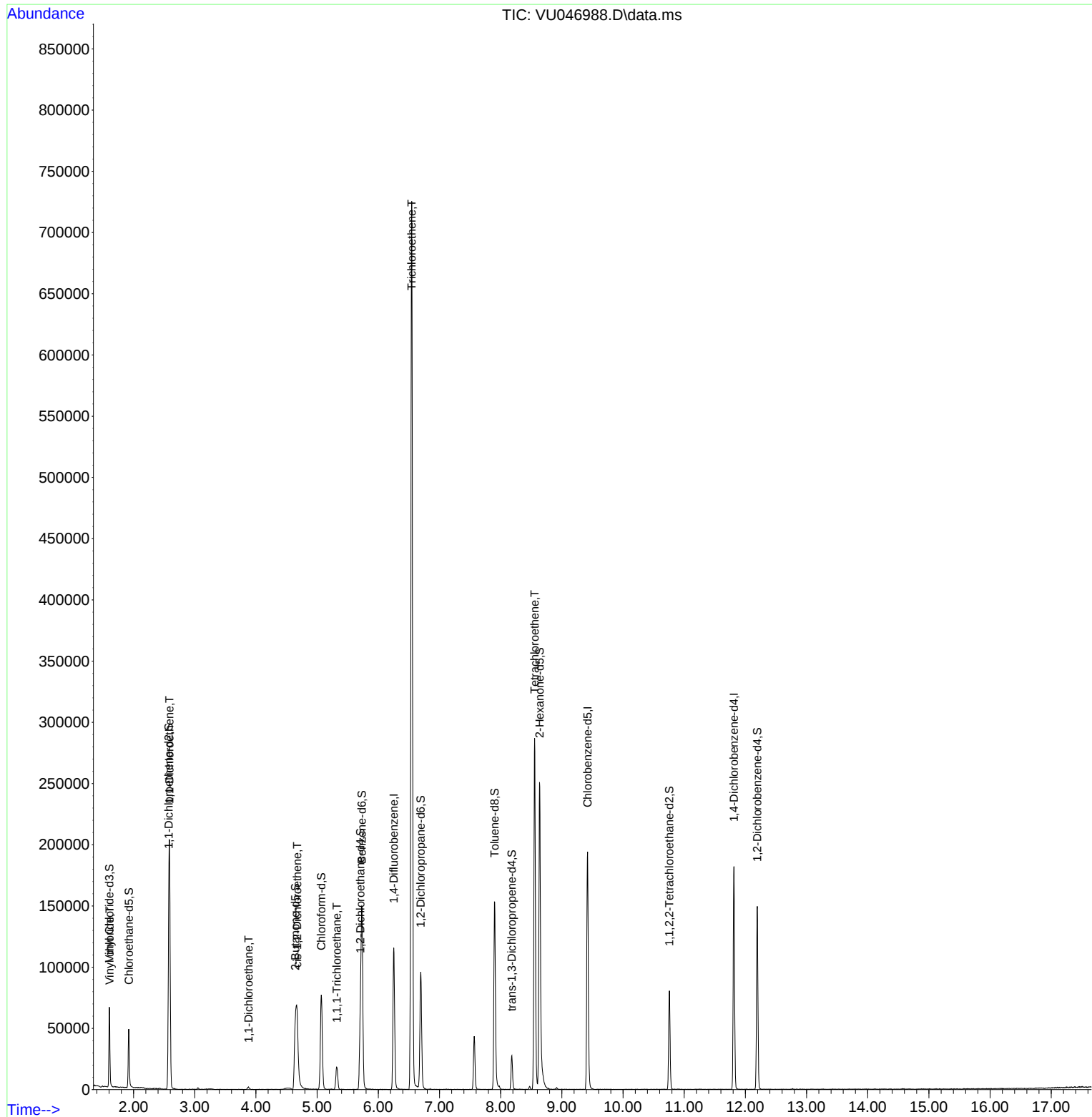
Internal Standards							
1) 1,4-Difluorobenzene		6.253	114	95548	5.000	ug/L	0.00
28) Chlorobenzene-d5		9.420	117	114888	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.812	152	47809	5.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.604	65	45091	5.569	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.400%	
7) Chloroethane-d5		1.922	69	37819	5.929	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	118.600%	
11) 1,1-Dichloroethene-d2		2.575	65	17847	5.542	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	110.800%	
20) 2-Butanone-d5		4.646	46	114560	47.762	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.520%	
24) Chloroform-d		5.070	84	73586	5.177	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.600%	
26) 1,2-Dichloroethane-d4		5.707	65	40545	5.238	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.800%	
32) Benzene-d6		5.732	84	142777	4.228	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%	
36) 1,2-Dichloropropane-d6		6.694	67	47275	4.663	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.200%	
41) Toluene-d8		7.903	98	112463	3.639	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.800%	
43) trans-1,3-Dichloroprop...		8.182	79	16329	3.668	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.400%	
46) 2-Hexanone-d5		8.636	63	94181	35.725	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.440%	
56) 1,1,2,2-Tetrachloroeth...		10.758	84	41038	4.032	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.600%	
66) 1,2-Dichlorobenzene-d4		12.195	152	38970	4.346	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.000%	
Target Compounds							
							Qvalue
5) Vinyl chloride		1.610	62	3559	0.462	ug/L	88
12) 1,1-Dichloroethene		2.588	96	52899	9.915	ug/L	81
19) 1,1-Dichloroethane		3.880	63	2823	0.291	ug/L	92
22) cis-1,2-Dichloroethene		4.674	96	18507	3.036	ug/L	96
29) 1,1,1-Trichloroethane		5.321	97	14392	1.391	ug/L	98
34) Trichloroethene		6.546	95	254785	36.279	ug/L	99
47) Tetrachloroethene		8.555	164	64577	11.306	ug/L	99

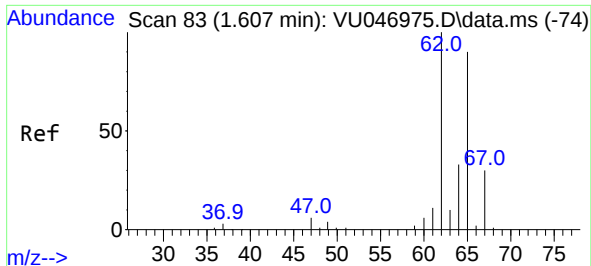
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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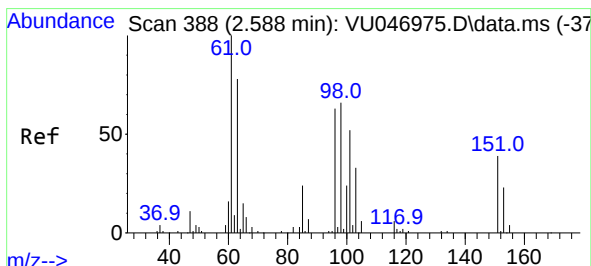
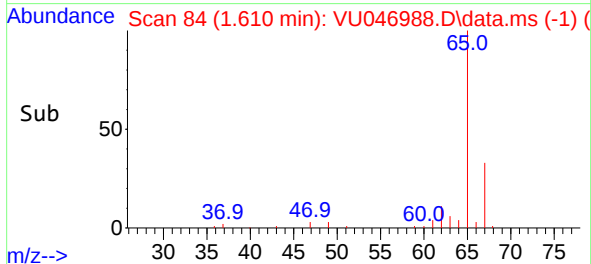
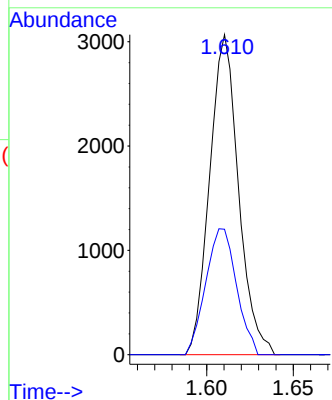
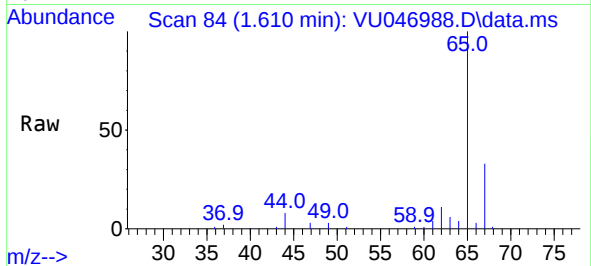




#5
 Vinyl chloride
 Concen: 0.462 ug/L
 RT: 1.610 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VU046988.D
 Acq: 02 Feb 2022 01:47

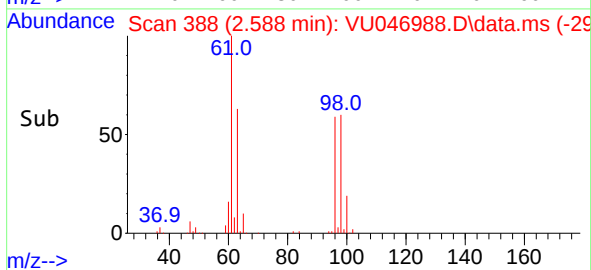
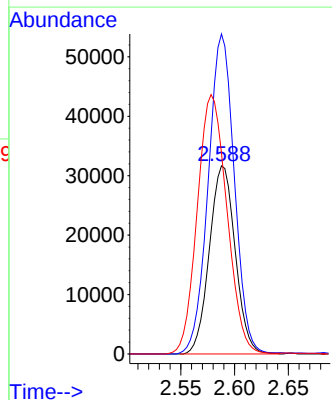
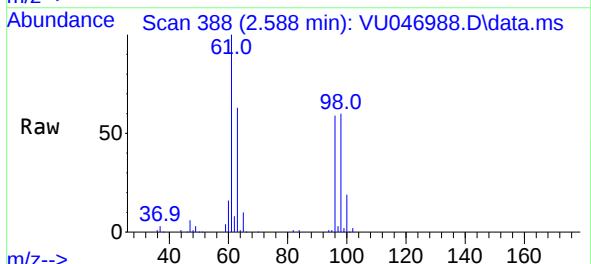
Instrument :
 MSVOA_U
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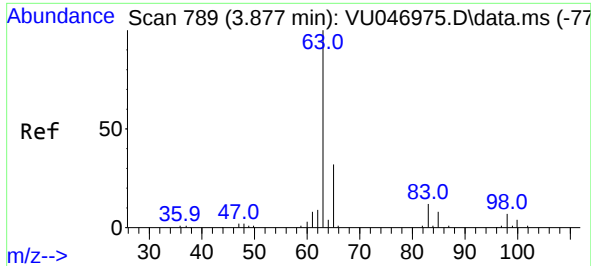
Tgt Ion: 62 Resp: 3559
 Ion Ratio Lower Upper
 62 100
 64 39.2 22.9 42.5



#12
 1,1-Dichloroethene
 Concen: 9.915 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU046988.D
 Acq: 02 Feb 2022 01:47

Tgt Ion: 96 Resp: 52899
 Ion Ratio Lower Upper
 96 100
 61 170.0 124.7 231.5
 63 106.7 105.2 195.4

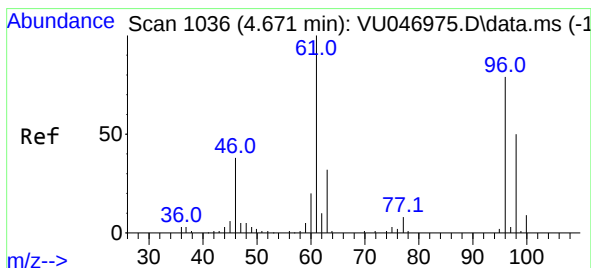
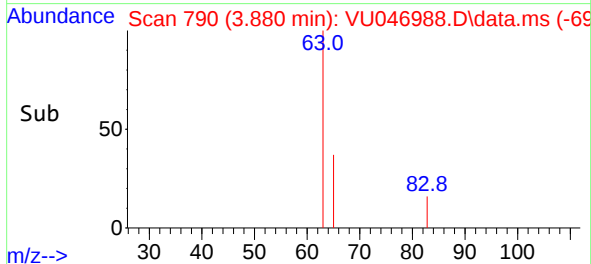
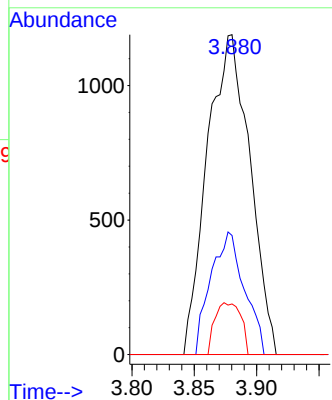
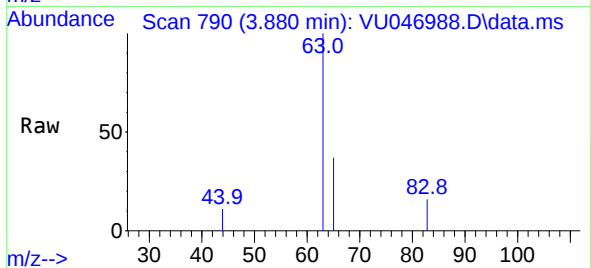




#19
1,1-Dichloroethane
Concen: 0.291 ug/L
RT: 3.880 min Scan# 79
Delta R.T. 0.003 min
Lab File: VU046988.D
Acq: 02 Feb 2022 01:47

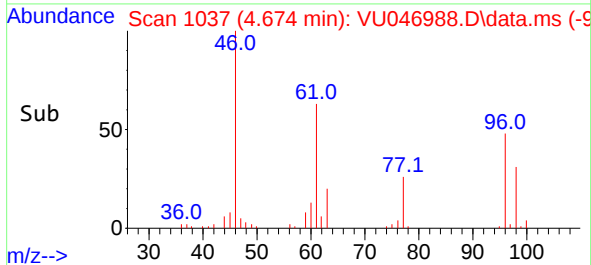
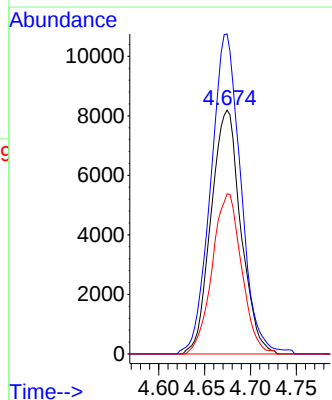
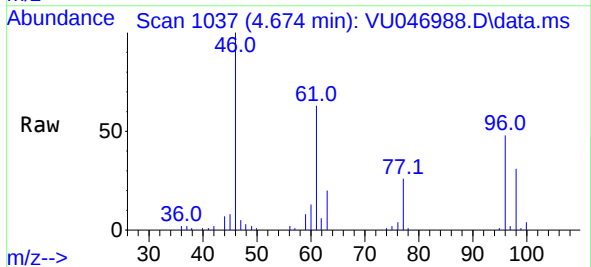
Instrument :
MSVOA_U
ClientSampleId :
C0HQ3

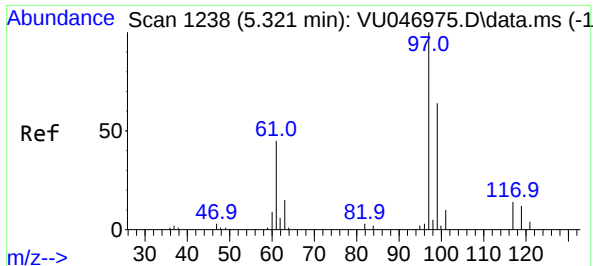
Tgt Ion: 63 Resp: 2823
Ion Ratio Lower Upper
63 100
65 37.3 22.3 41.5
83 15.8 9.6 17.8



#22
cis-1,2-Dichloroethene
Concen: 3.036 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VU046988.D
Acq: 02 Feb 2022 01:47

Tgt Ion: 96 Resp: 18507
Ion Ratio Lower Upper
96 100
61 131.2 88.5 164.3
98 65.7 44.4 82.5



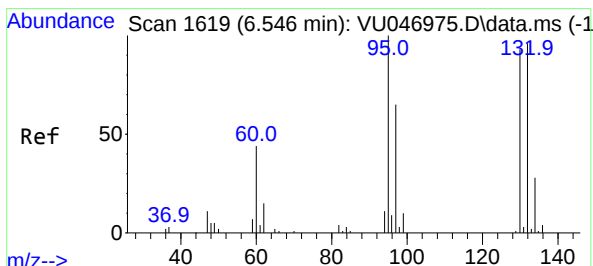
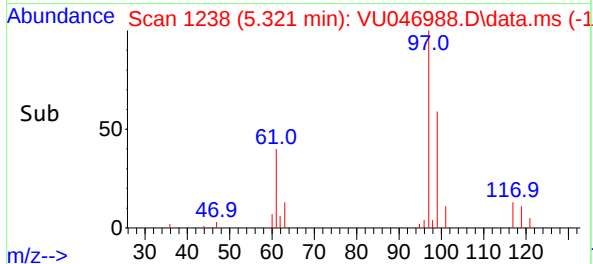
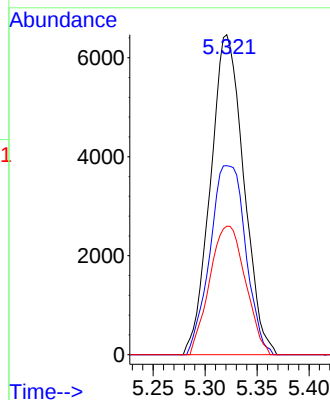
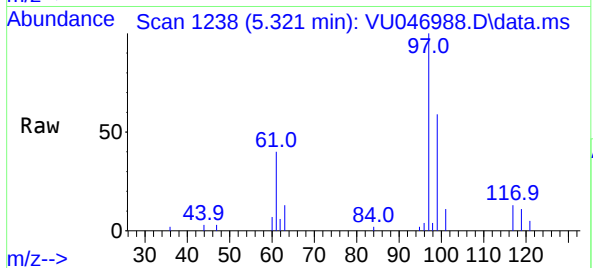


#29
1,1,1-Trichloroethane
Concen: 1.391 ug/L
RT: 5.321 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU046988.D
Acq: 02 Feb 2022 01:47

Instrument :
MSVOA_U
ClientSampleId :
C0HQ3

Tgt Ion: 97 Resp: 14392

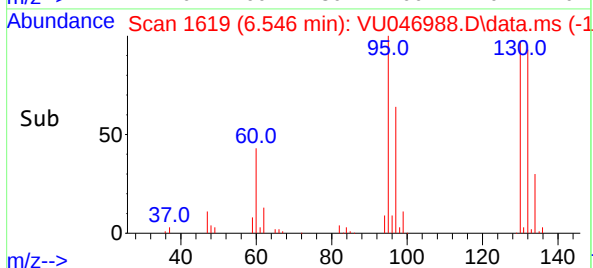
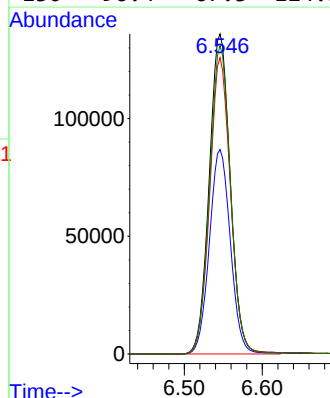
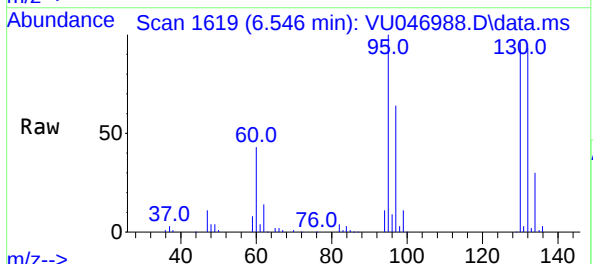
Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.3	76.9
61	43.2	36.1	54.1

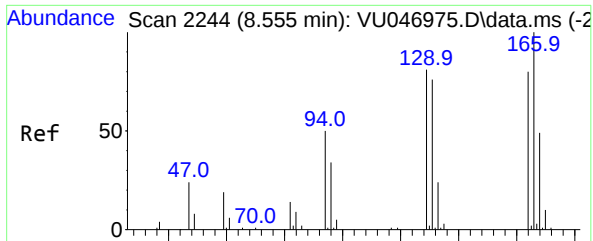


#34
Trichloroethene
Concen: 36.279 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU046988.D
Acq: 02 Feb 2022 01:47

Tgt Ion: 95 Resp: 254785

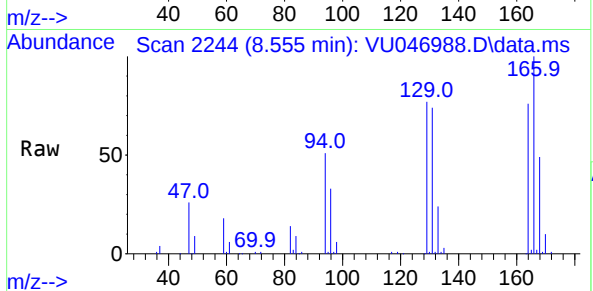
Ion	Ratio	Lower	Upper
95	100		
97	63.9	46.5	86.5
132	92.6	65.1	120.9
130	96.4	67.3	124.9





#47
 Tetrachloroethene
 Concen: 11.306 ug/L
 RT: 8.555 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU046988.D
 Acq: 02 Feb 2022 01:47

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HQ3



Tgt Ion:164 Resp: 64577

Ion	Ratio	Lower	Upper
164	100		
129	102.1	71.8	133.4
131	98.4	68.5	127.3
166	132.1	94.1	174.8

