

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020222\
 Data File : VU047008.D
 Acq On : 02 Feb 2022 17:52
 Operator : SY/MD
 Sample : N1349-14 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HQ3

Quant Time: Feb 03 03:02:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 03 02:56:36 2022
 Response via : Initial Calibration

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

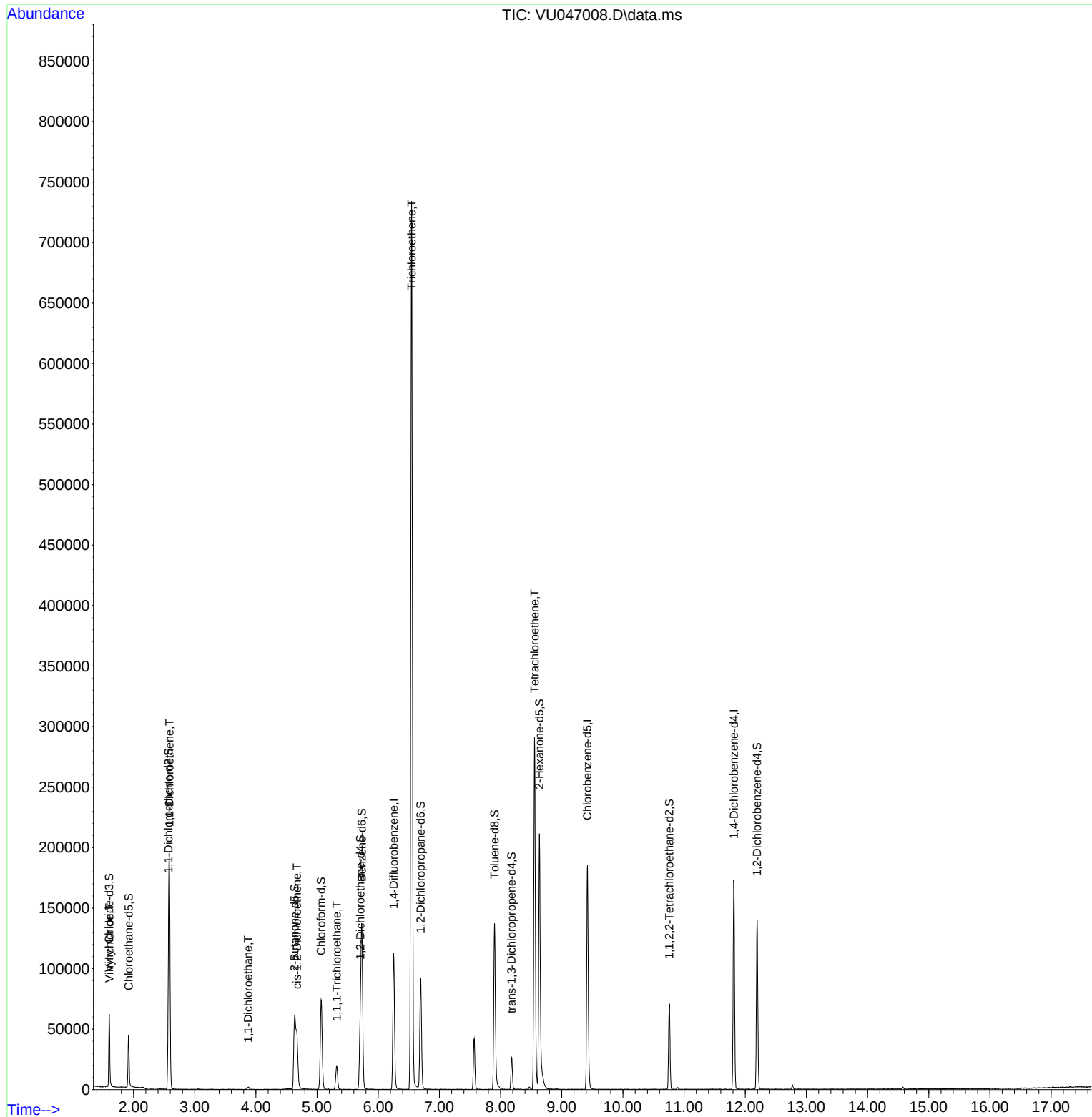
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	90771	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	111419	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	46518	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	41817	5.437	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 108.800%		
7) Chloroethane-d5	1.919	69	33414	5.514	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 110.200%		
11) 1,1-Dichloroethene-d2	2.572	65	15374	5.025	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 100.400%		
20) 2-Butanone-d5	4.633	46	96833	42.496	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	= 85.000%		
24) Chloroform-d	5.067	84	70452	5.218	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 104.400%		
26) 1,2-Dichloroethane-d4	5.706	65	36694	4.990	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 99.800%		
32) Benzene-d6	5.732	84	132261	4.039	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 80.800%		
36) 1,2-Dichloropropane-d6	6.694	67	44892	4.566	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 91.400%		
41) Toluene-d8	7.902	98	101762	3.395	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 68.000%#		
43) trans-1,3-Dichloroprop...	8.179	79	15655	3.626	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 72.600%		
46) 2-Hexanone-d5	8.636	63	74330	29.073	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 58.140%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	36919	3.740	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 74.800%		
66) 1,2-Dichlorobenzene-d4	12.195	152	37457	4.294	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 85.800%		
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.607	62	3372	0.461	ug/L #	71
12) 1,1-Dichloroethene	2.588	96	52986	10.454	ug/L #	70
19) 1,1-Dichloroethane	3.874	63	2754	0.299	ug/L	89
22) cis-1,2-Dichloroethene	4.671	96	18620	3.215	ug/L	98
29) 1,1,1-Trichloroethane	5.321	97	14427	1.438	ug/L	99
34) Trichloroethene	6.546	95	257437	37.798	ug/L	99
47) Tetrachloroethene	8.555	164	67599	12.203	ug/L	96

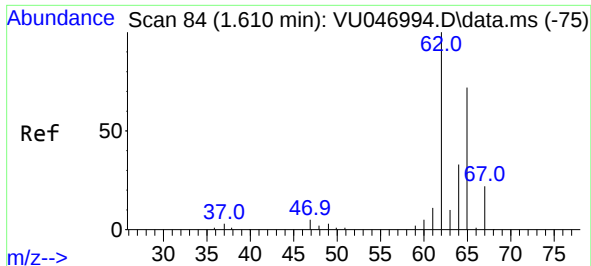
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Feb 03 02:56:36 2022
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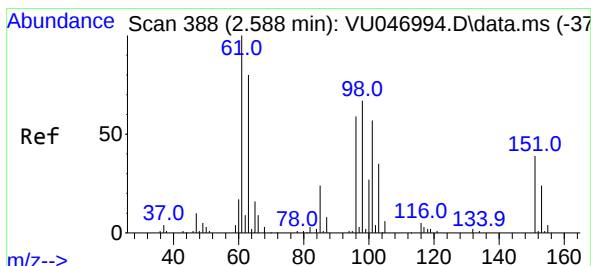
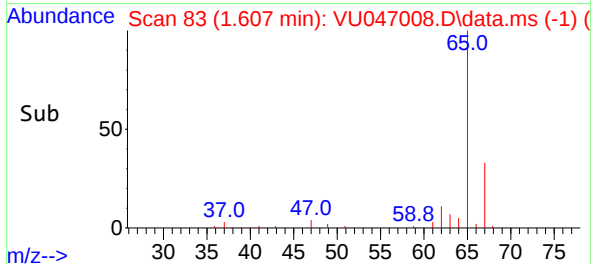
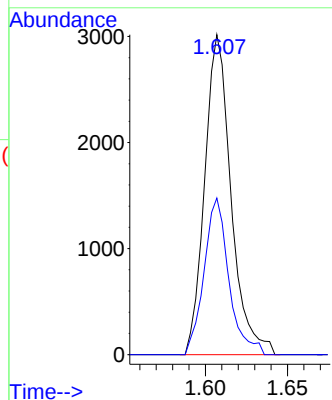
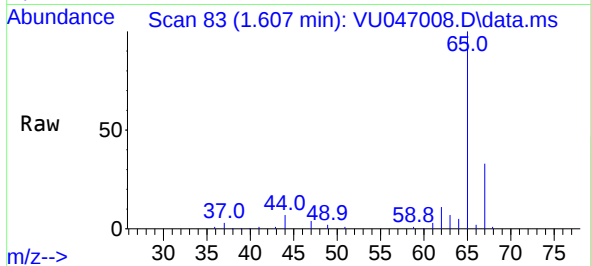




#5
 Vinyl chloride
 Concen: 0.461 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU047008.D
 Acq: 02 Feb 2022 17:52

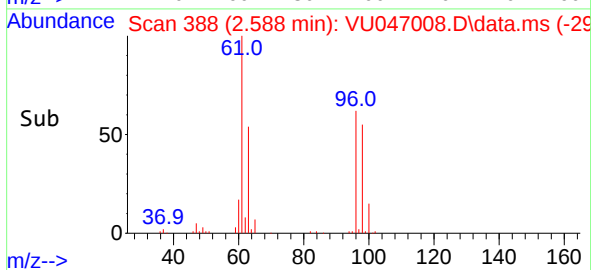
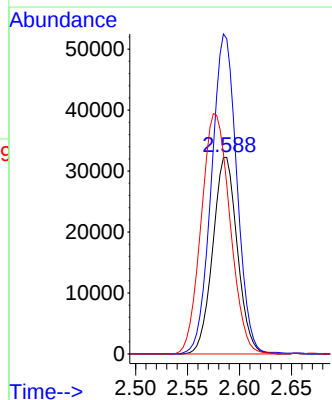
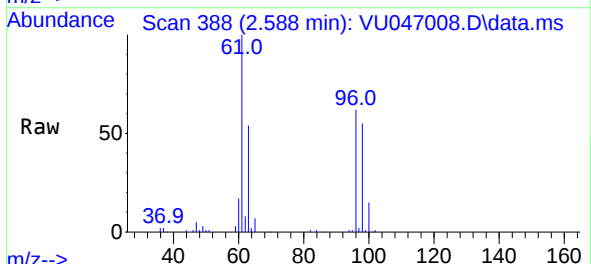
Instrument :
 MSVOA_U
 ClientSampleId :
 C0HQ3

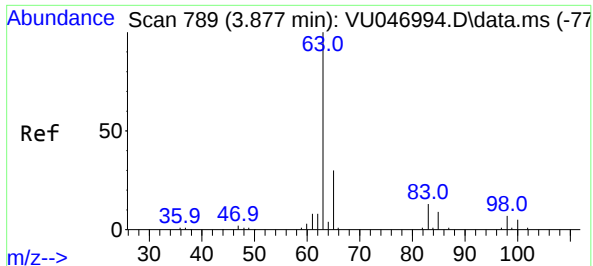
Tgt Ion: 62 Resp: 3372
 Ion Ratio Lower Upper
 62 100
 64 48.9 22.9 42.5#



#12
 1,1-Dichloroethene
 Concen: 10.454 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU047008.D
 Acq: 02 Feb 2022 17:52

Tgt Ion: 96 Resp: 52986
 Ion Ratio Lower Upper
 96 100
 61 160.2 124.7 231.5
 63 86.0 105.2 195.4#





#19

1,1-Dichloroethane

Concen: 0.299 ug/L

RT: 3.874 min Scan# 71

Delta R.T. -0.003 min

Lab File: VU047008.D

Acq: 02 Feb 2022 17:52

Instrument :

MSVOA_U

ClientSampleId :

C0HQ3

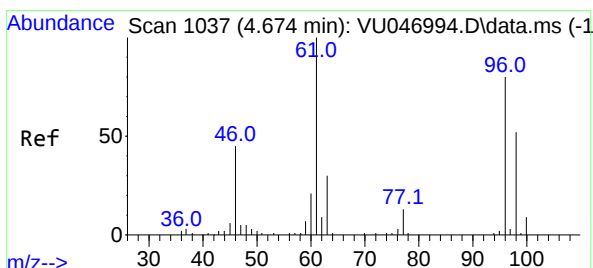
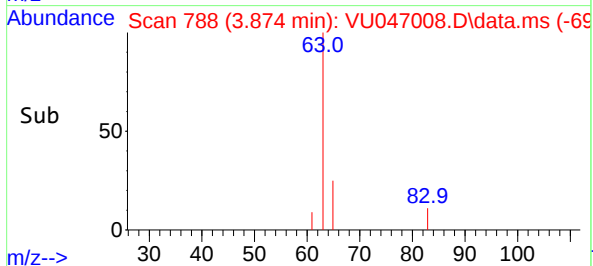
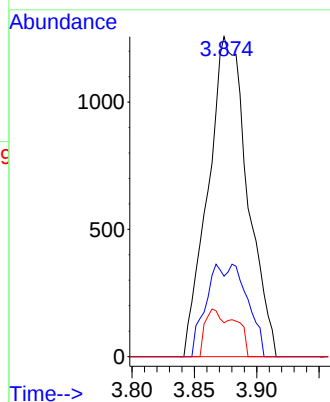
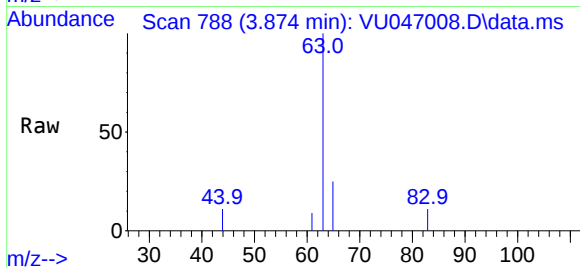
Tgt Ion: 63 Resp: 2754

Ion Ratio Lower Upper

63 100

65 25.1 22.3 41.5

83 10.6 9.6 17.8



#22

cis-1,2-Dichloroethene

Concen: 3.215 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VU047008.D

Acq: 02 Feb 2022 17:52

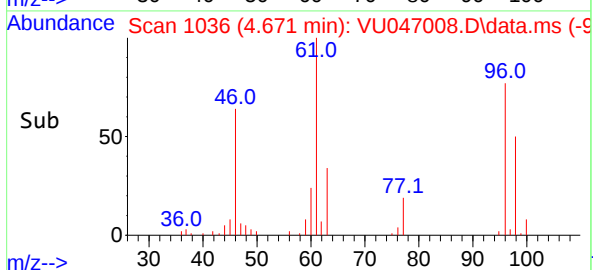
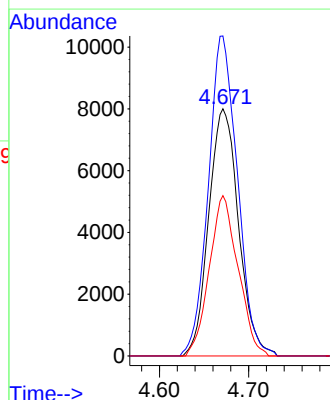
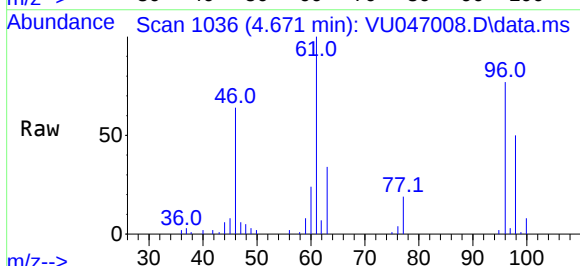
Tgt Ion: 96 Resp: 18620

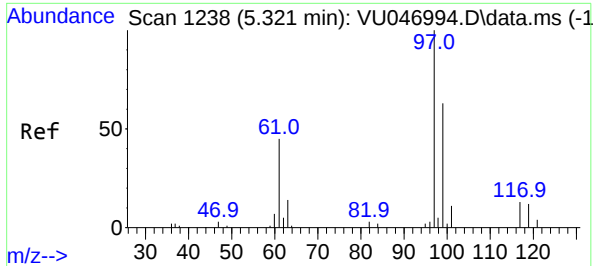
Ion Ratio Lower Upper

96 100

61 129.4 88.5 164.3

98 64.8 44.4 82.5



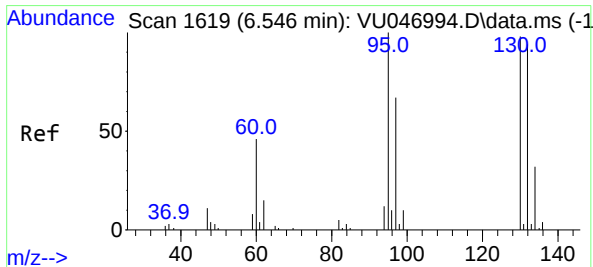
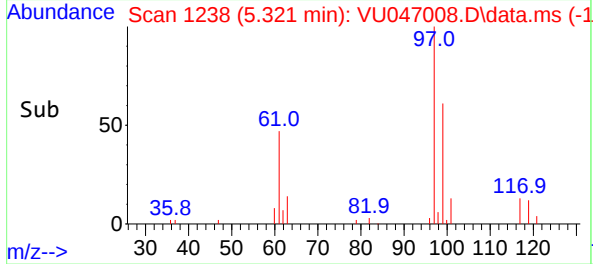
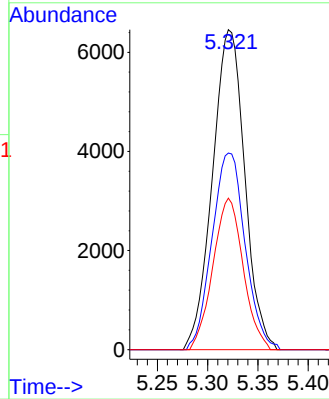
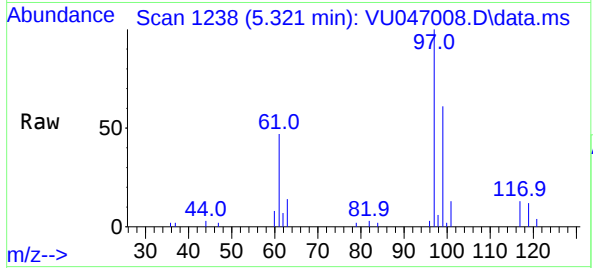


#29
1,1,1-Trichloroethane
Concen: 1.438 ug/L
RT: 5.321 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047008.D
Acq: 02 Feb 2022 17:52

Instrument :
MSVOA_U
ClientSampleId :
C0HQ3

Tgt Ion: 97 Resp: 14427

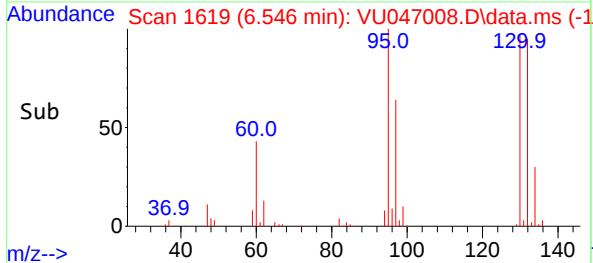
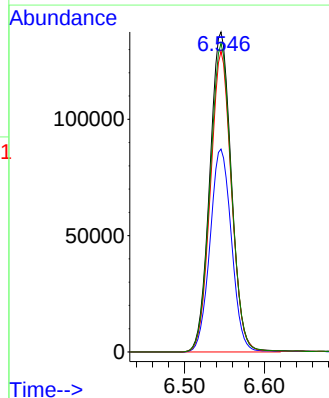
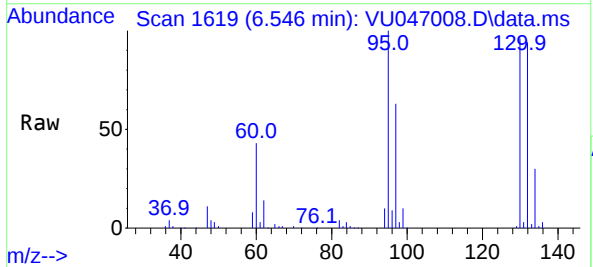
Ion	Ratio	Lower	Upper
97	100		
99	63.1	51.3	76.9
61	44.4	36.1	54.1

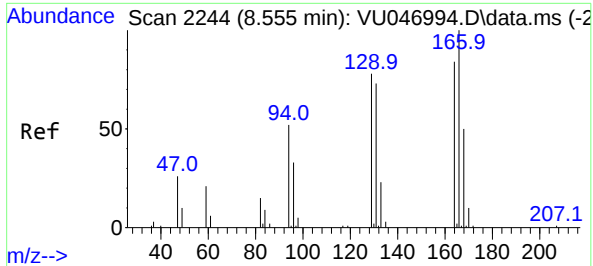


#34
Trichloroethene
Concen: 37.798 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU047008.D
Acq: 02 Feb 2022 17:52

Tgt Ion: 95 Resp: 257437

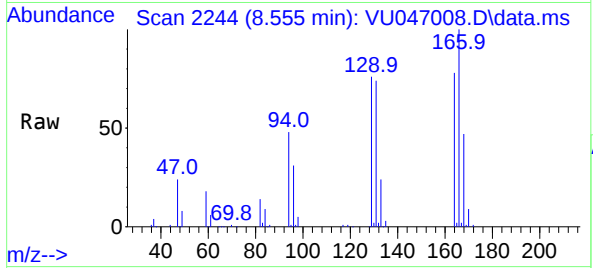
Ion	Ratio	Lower	Upper
95	100		
97	63.4	46.5	86.5
132	93.9	65.1	120.9
130	96.4	67.3	124.9





#47
 Tetrachloroethene
 Concen: 12.203 ug/L
 RT: 8.555 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU047008.D
 Acq: 02 Feb 2022 17:52

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HQ3



Tgt Ion:164 Resp: 67599

Ion	Ratio	Lower	Upper
164	100		
129	97.8	71.8	133.4
131	95.3	68.5	127.3
166	128.4	94.1	174.8

