

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020222\
 Data File : VU047012.D
 Acq On : 02 Feb 2022 19:29
 Operator : SY/MD
 Sample : N1349-15 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HQ4

Quant Time: Feb 03 03:03:00 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)

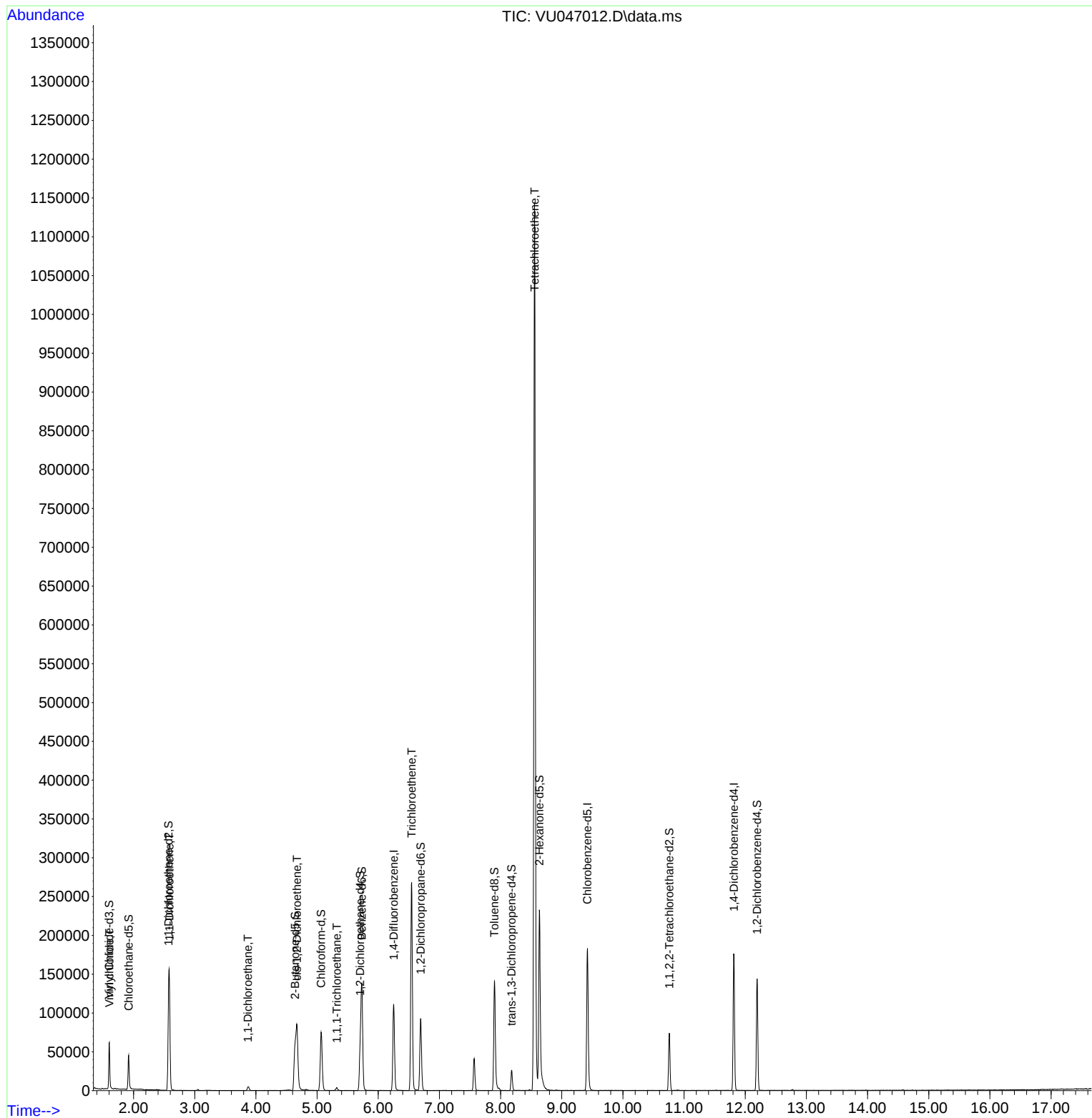
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	90387	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	111871	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	48164	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	42226	5.513	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.200%
7) Chloroethane-d5	1.919	69	34425	5.705	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.000%
11) 1,1-Dichloroethene-d2	2.571	65	16415	5.388	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.800%
20) 2-Butanone-d5	4.639	46	100812	44.430	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.860%
24) Chloroform-d	5.067	84	71330	5.305	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.200%
26) 1,2-Dichloroethane-d4	5.703	65	38191	5.216	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.400%
32) Benzene-d6	5.732	84	134422	4.088	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.800%
36) 1,2-Dichloropropane-d6	6.694	67	45859	4.645	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.000%
41) Toluene-d8	7.899	98	103652	3.444	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.800%#
43) trans-1,3-Dichloroprop...	8.179	79	15259	3.520	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.400%
46) 2-Hexanone-d5	8.636	63	82361	32.084	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	64.160%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	38188	3.853	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	38027	4.210	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.200%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.607	62	2697	0.370	ug/L #	80
12) 1,1-Dichloroethene	2.588	96	36416	7.215	ug/L #	80
19) 1,1-Dichloroethane	3.870	63	6078	0.662	ug/L	97
22) cis-1,2-Dichloroethene	4.671	96	33015	5.725	ug/L	98
29) 1,1,1-Trichloroethane	5.321	97	2851	0.283	ug/L	97
34) Trichloroethene	6.546	95	93521	13.676	ug/L	99
47) Tetrachloroethene	8.555	164	260396	46.819	ug/L	95

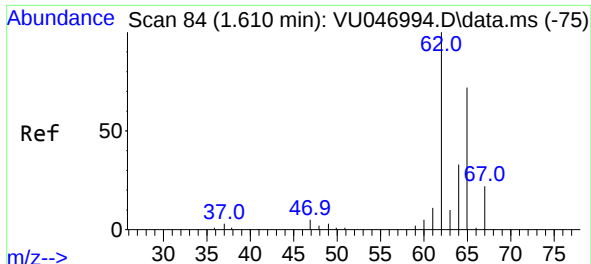
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

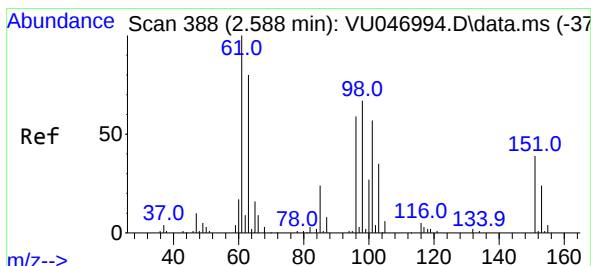
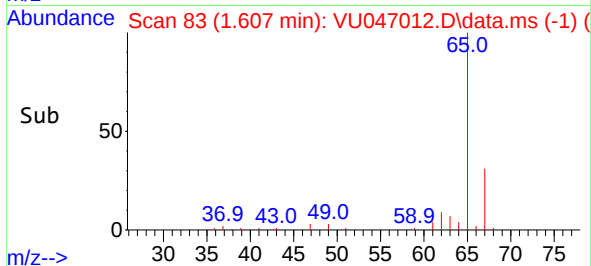
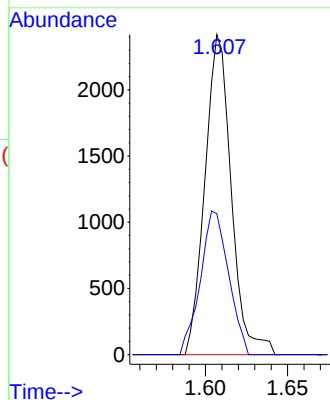
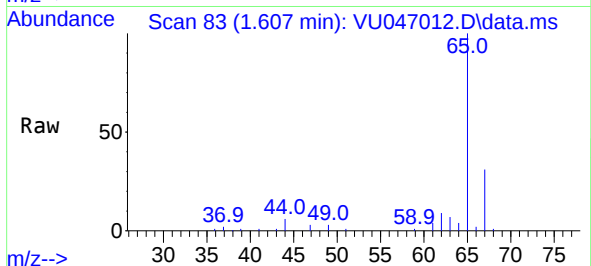




#5
 Vinyl chloride
 Concen: 0.370 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU047012.D
 Acq: 02 Feb 2022 19:29

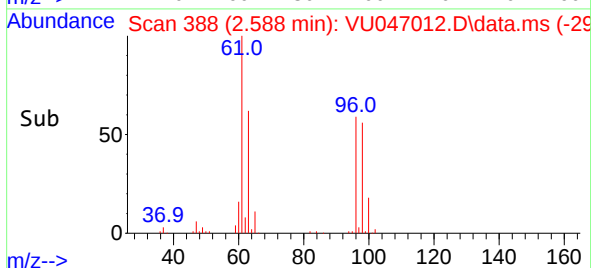
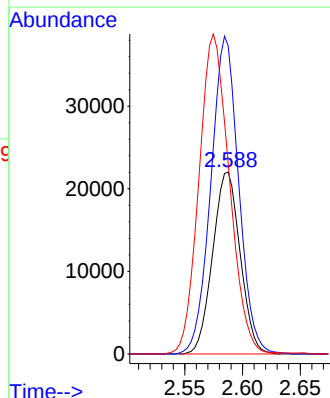
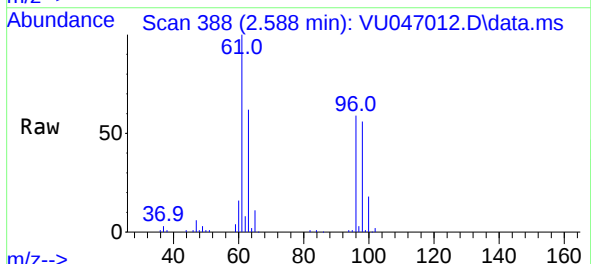
Instrument :
 MSVOA_U
 ClientSampleId :
 C0HQ4

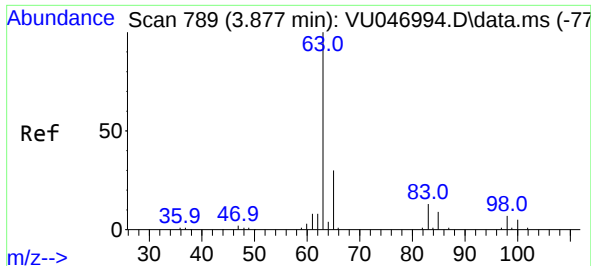
Tgt Ion: 62 Resp: 2697
 Ion Ratio Lower Upper
 62 100
 64 44.1 22.9 42.5#



#12
 1,1-Dichloroethene
 Concen: 7.215 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU047012.D
 Acq: 02 Feb 2022 19:29

Tgt Ion: 96 Resp: 36416
 Ion Ratio Lower Upper
 96 100
 61 169.3 124.7 231.5
 63 104.6 105.2 195.4#



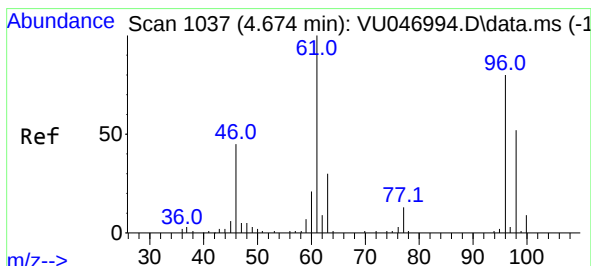
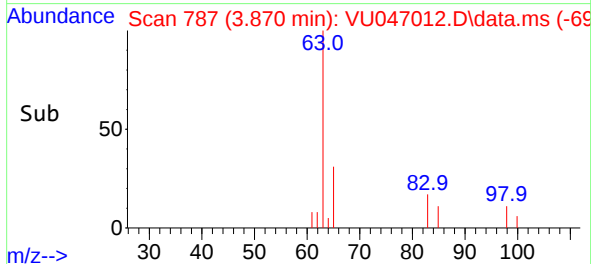
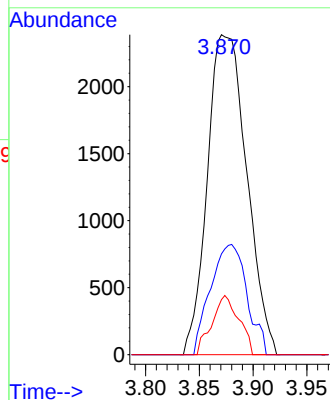
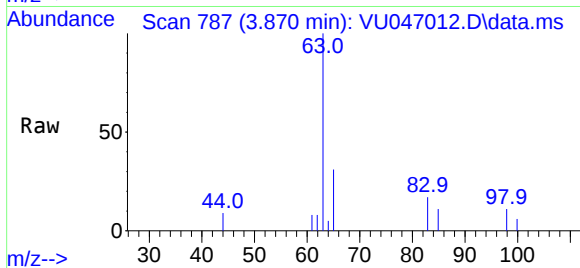


#19
1,1-Dichloroethane
Concen: 0.662 ug/L
RT: 3.870 min Scan# 71
Delta R.T. -0.007 min
Lab File: VU047012.D
Acq: 02 Feb 2022 19:29

Instrument :
MSVOA_U
ClientSampleId :
C0HQ4

Tgt Ion: 63 Resp: 6078

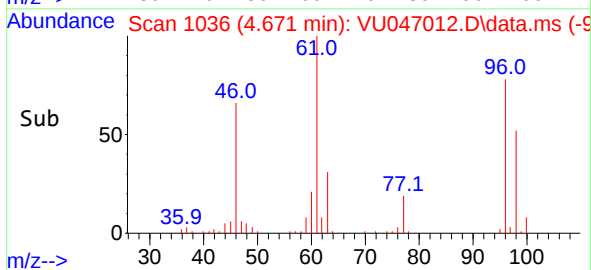
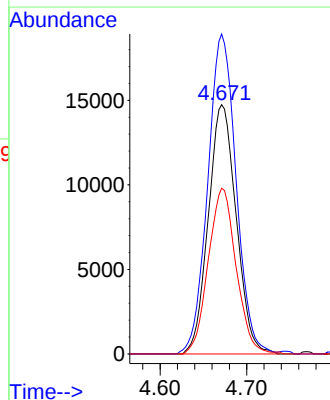
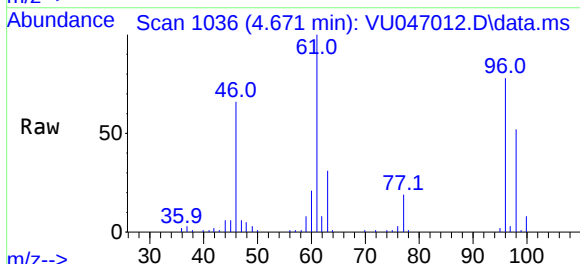
Ion	Ratio	Lower	Upper
63	100		
65	31.5	22.3	41.5
83	17.2	9.6	17.8

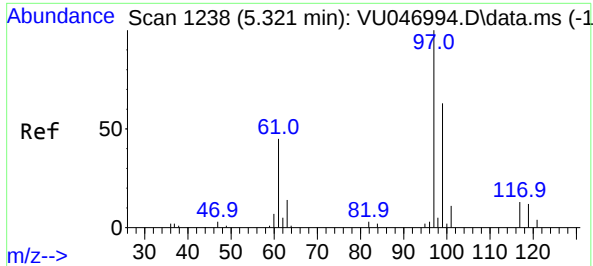


#22
cis-1,2-Dichloroethene
Concen: 5.725 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. -0.003 min
Lab File: VU047012.D
Acq: 02 Feb 2022 19:29

Tgt Ion: 96 Resp: 33015

Ion	Ratio	Lower	Upper
96	100		
61	128.3	88.5	164.3
98	66.5	44.4	82.5



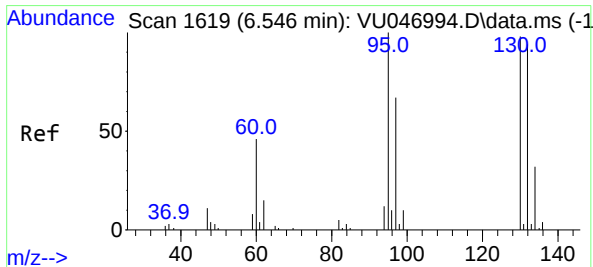
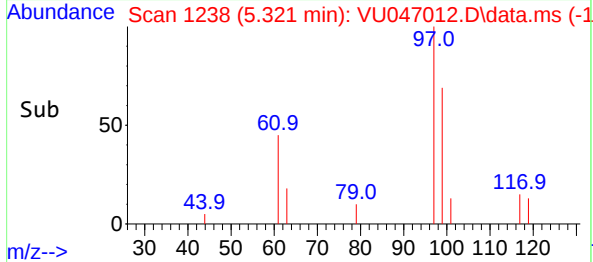
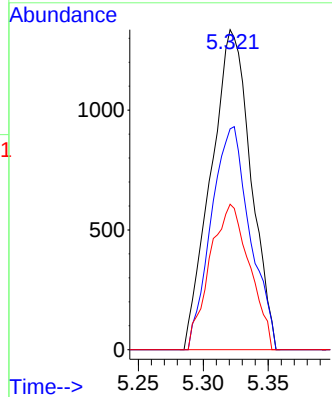
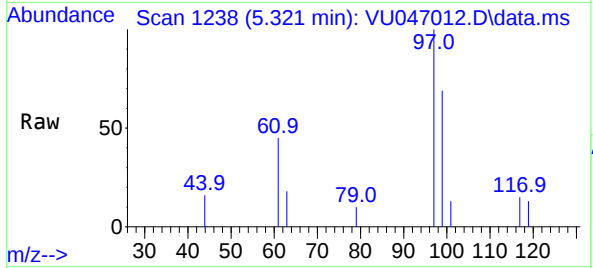


#29
 1,1,1-Trichloroethane
 Concen: 0.283 ug/L
 RT: 5.321 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VU047012.D
 Acq: 02 Feb 2022 19:29

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HQ4

Tgt Ion: 97 Resp: 2851

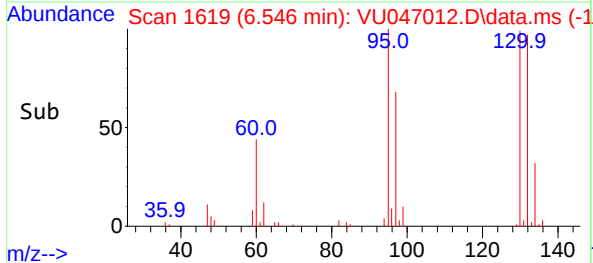
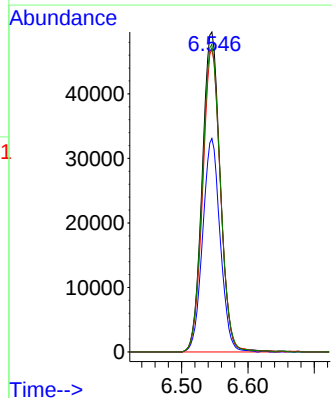
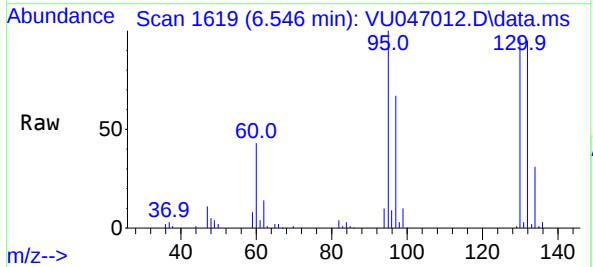
Ion	Ratio	Lower	Upper
97	100		
99	67.8	51.3	76.9
61	45.4	36.1	54.1

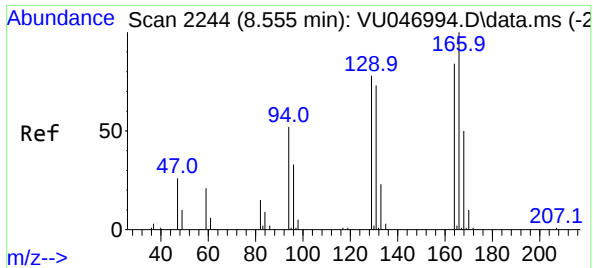


#34
 Trichloroethene
 Concen: 13.676 ug/L
 RT: 6.546 min Scan# 1619
 Delta R.T. -0.000 min
 Lab File: VU047012.D
 Acq: 02 Feb 2022 19:29

Tgt Ion: 95 Resp: 93521

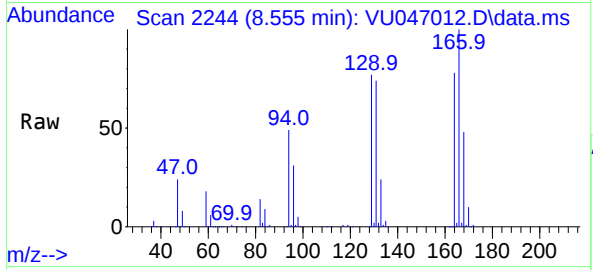
Ion	Ratio	Lower	Upper
95	100		
97	66.7	46.5	86.5
132	94.8	65.1	120.9
130	96.1	67.3	124.9





#47
Tetrachloroethene
Concen: 46.819 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047012.D
Acq: 02 Feb 2022 19:29

Instrument :
MSVOA_U
ClientSampleId :
C0HQ4



Tgt Ion:164 Resp: 260396

Ion	Ratio	Lower	Upper
164	100		
129	98.5	71.8	133.4
131	94.0	68.5	127.3
166	127.7	94.1	174.8

