

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011222\
 Data File : VU046736.D
 Acq On : 12 Jan 2022 12:40
 Operator : SY/MD
 Sample : N1101-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXW6

Quant Time: Jan 12 13:01:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jan 10 00:25:50 2022
 Response via : Initial Calibration

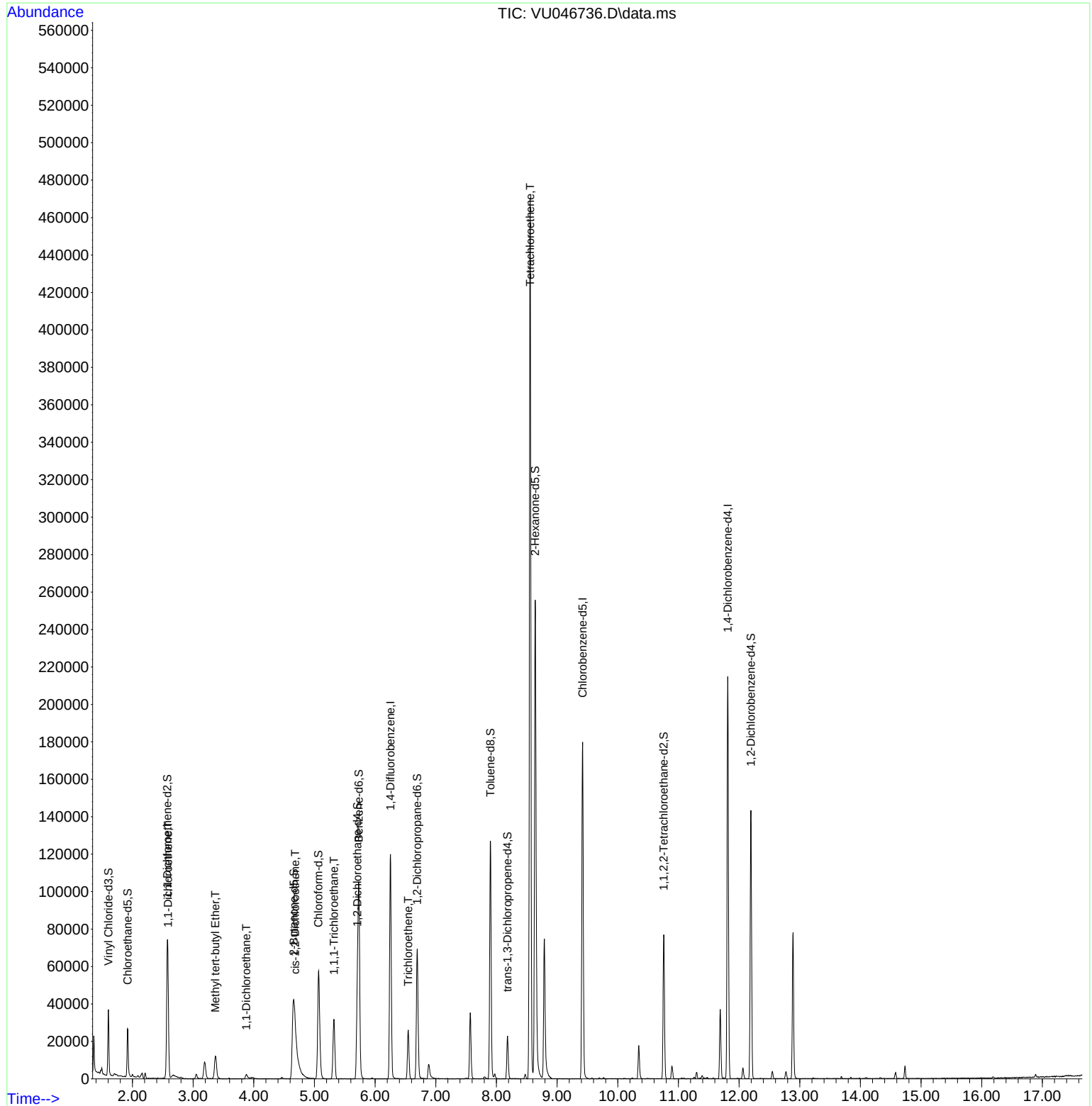
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	100478	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	105499	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	58584	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	21766	2.750	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	55.000%
7) Chloroethane-d5	1.919	69	20433	3.279	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	65.600%
11) 1,1-Dichloroethene-d2	2.575	65	10060	3.014	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.200%
20) 2-Butanone-d5	4.658	46	111026	48.363	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.720%
24) Chloroform-d	5.067	84	53442	3.685	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.800%
26) 1,2-Dichloroethane-d4	5.707	65	32076	3.869	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.400%
32) Benzene-d6	5.732	84	100666	3.423	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	68.400%#
36) 1,2-Dichloropropane-d6	6.694	67	32741	3.705	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	74.000%
41) Toluene-d8	7.899	98	84752	3.175	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	63.600%#
43) trans-1,3-Dichloroprop...	8.182	79	13729	3.359	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.200%
46) 2-Hexanone-d5	8.639	63	105850	44.111	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.220%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	37485	4.133	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	38979	3.612	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	72.200%#
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.588	96	12710	1.438	ug/L	90
17) Methyl tert-butyl Ether	3.366	73	15090	0.585	ug/L	99
19) 1,1-Dichloroethane	3.877	63	2885	0.166	ug/L	98
22) cis-1,2-Dichloroethene	4.681	96	1247	0.121	ug/L #	82
29) 1,1,1-Trichloroethane	5.321	97	23423	1.343	ug/L	99
34) Trichloroethene	6.546	95	9305	0.842	ug/L	95
47) Tetrachloroethene	8.555	164	103544	13.242	ug/L	96

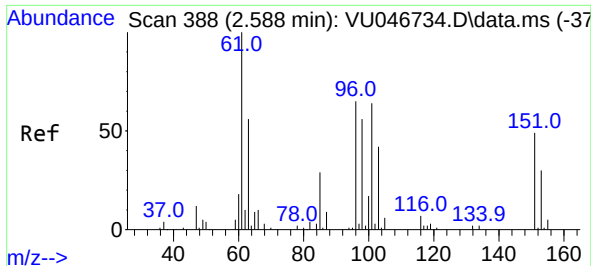
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 1.438 ug/L

RT: 2.588 min Scan# 31

Delta R.T. 0.010 min

Lab File: VU046736.D

Acq: 12 Jan 2022 12:40

Instrument :

MSVOA_U

ClientSampleId :

BFXW6

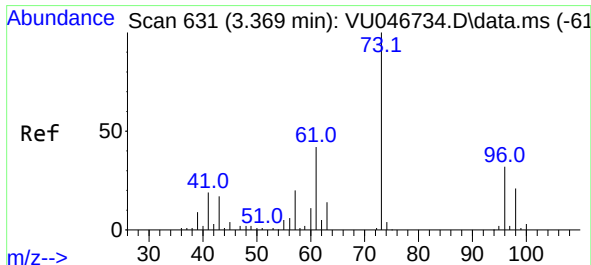
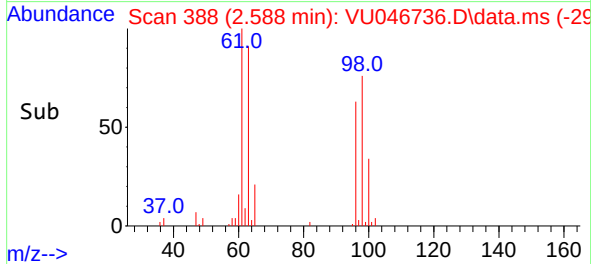
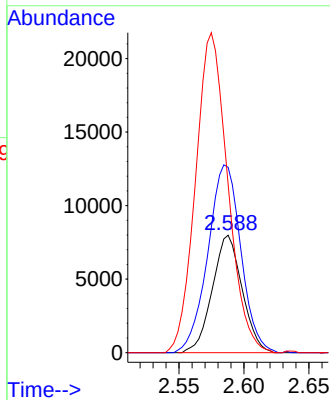
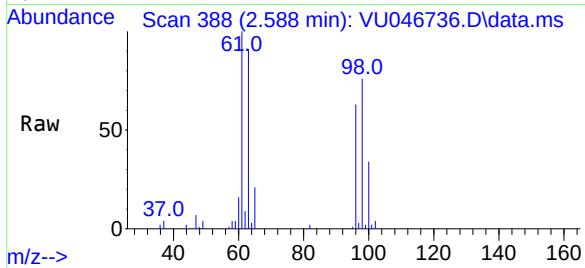
Tgt Ion: 96 Resp: 12710

Ion Ratio Lower Upper

96 100

61 157.8 124.7 231.5

63 143.4 105.2 195.4



#17

Methyl tert-butyl Ether

Concen: 0.585 ug/L

RT: 3.366 min Scan# 630

Delta R.T. 0.007 min

Lab File: VU046736.D

Acq: 12 Jan 2022 12:40

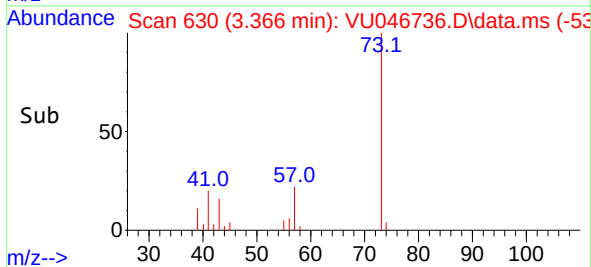
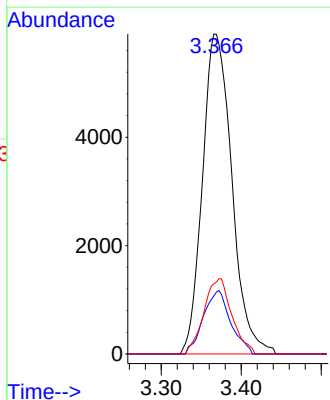
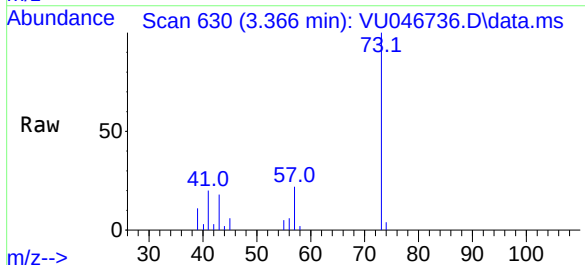
Tgt Ion: 73 Resp: 15090

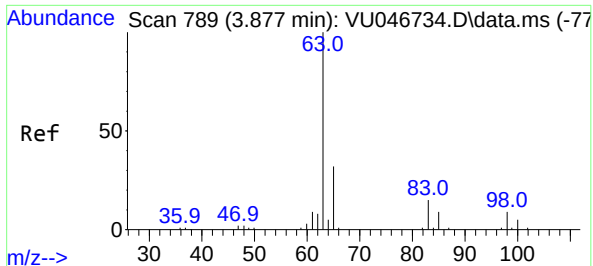
Ion Ratio Lower Upper

73 100

43 18.4 14.8 22.2

57 22.3 17.4 26.0

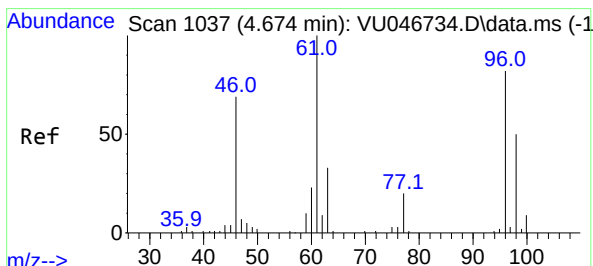
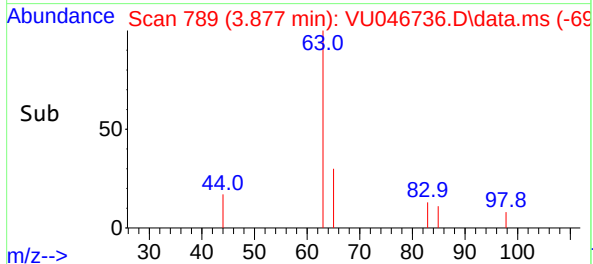
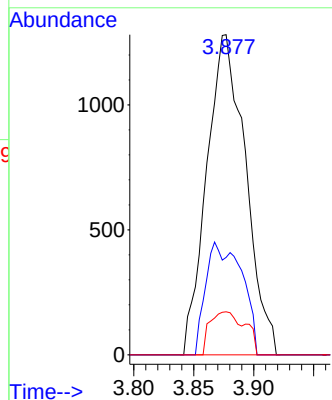
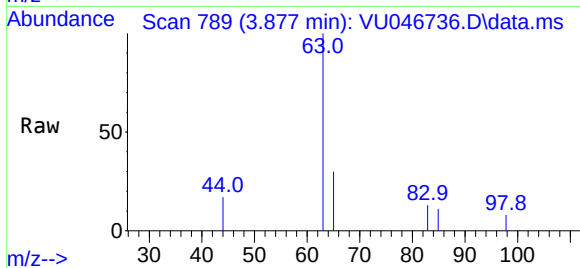




#19
1,1-Dichloroethane
Concen: 0.166 ug/L
RT: 3.877 min Scan# 71
Delta R.T. 0.010 min
Lab File: VU046736.D
Acq: 12 Jan 2022 12:40

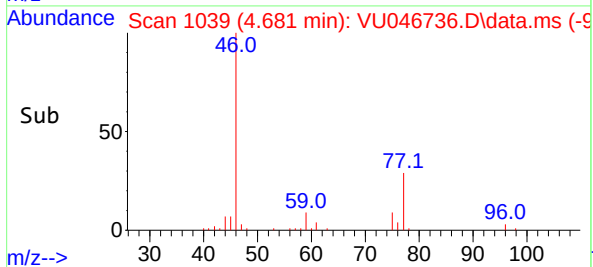
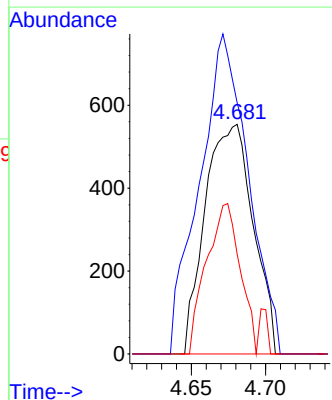
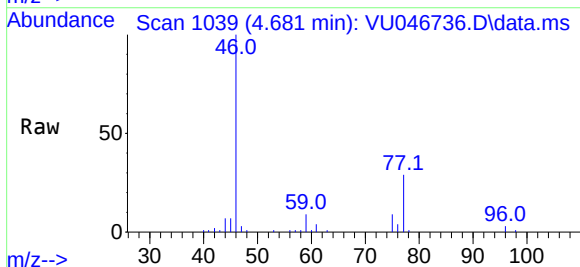
Instrument :
MSVOA_U
ClientSampleId :
BFXW6

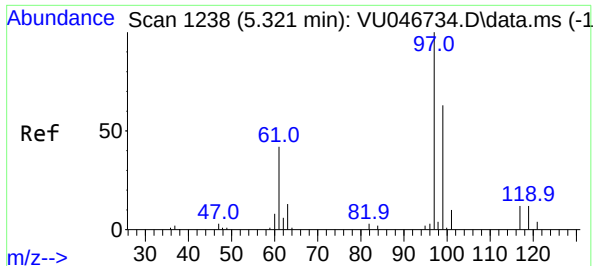
Tgt Ion:	63	Resp:	2885
Ion	Ratio	Lower	Upper
63	100		
65	30.4	22.3	41.5
83	13.4	9.6	17.8



#22
cis-1,2-Dichloroethene
Concen: 0.121 ug/L
RT: 4.681 min Scan# 1039
Delta R.T. 0.016 min
Lab File: VU046736.D
Acq: 12 Jan 2022 12:40

Tgt Ion:	96	Resp:	1247
Ion	Ratio	Lower	Upper
96	100		
61	109.4	88.5	164.3
98	43.5	44.4	82.5#

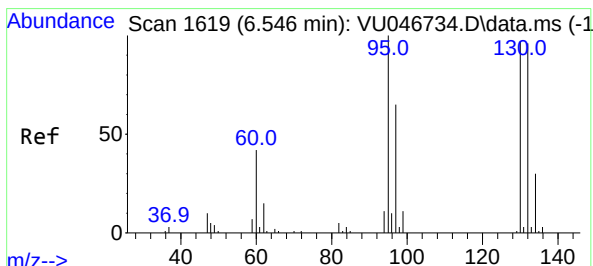
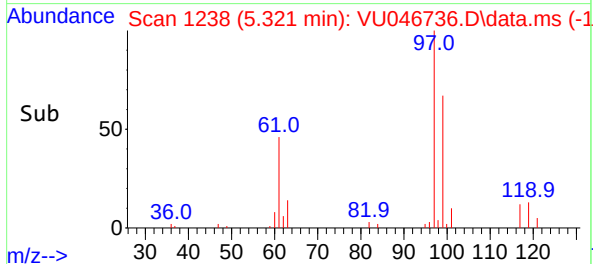
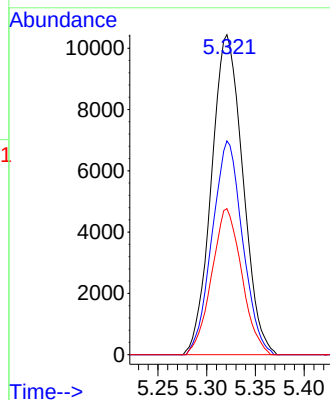
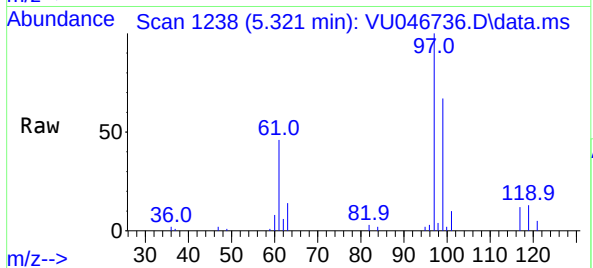




#29
1,1,1-Trichloroethane
Concen: 1.343 ug/L
RT: 5.321 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU046736.D
Acq: 12 Jan 2022 12:40

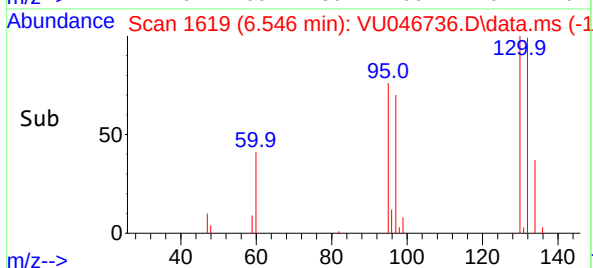
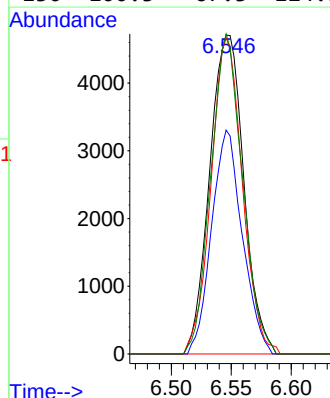
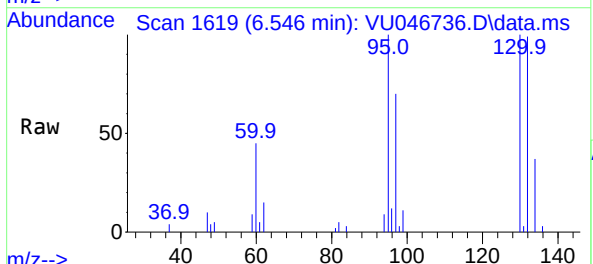
Instrument :
MSVOA_U
ClientSampleId :
BFXW6

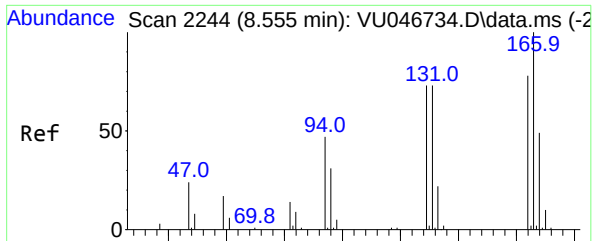
Tgt Ion:	97	Resp:	23423
Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.3	76.9
61	43.8	36.1	54.1



#34
Trichloroethene
Concen: 0.842 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.003 min
Lab File: VU046736.D
Acq: 12 Jan 2022 12:40

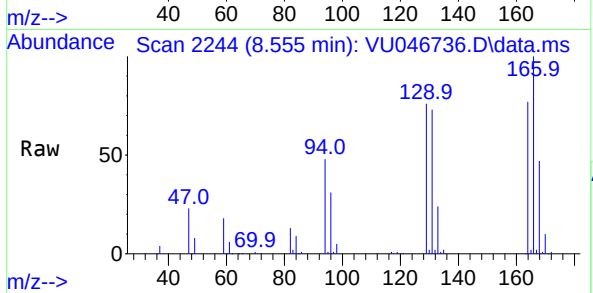
Tgt Ion:	95	Resp:	9305
Ion	Ratio	Lower	Upper
95	100		
97	70.2	46.5	86.5
132	99.1	65.1	120.9
130	100.3	67.3	124.9





#47
Tetrachloroethene
Concen: 13.242 ug/L
RT: 8.555 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU046736.D
Acq: 12 Jan 2022 12:40

Instrument :
MSVOA_U
ClientSampleId :
BFXW6



Tgt Ion:164 Resp: 103544

Ion	Ratio	Lower	Upper
164	100		
129	98.1	71.8	133.4
131	94.5	68.5	127.3
166	129.6	94.1	174.8

