

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011222\
 Data File : VU046739.D
 Acq On : 12 Jan 2022 13:52
 Operator : SY/MD
 Sample : N1101-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXW7

Quant Time: Jan 13 01:01:13 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)

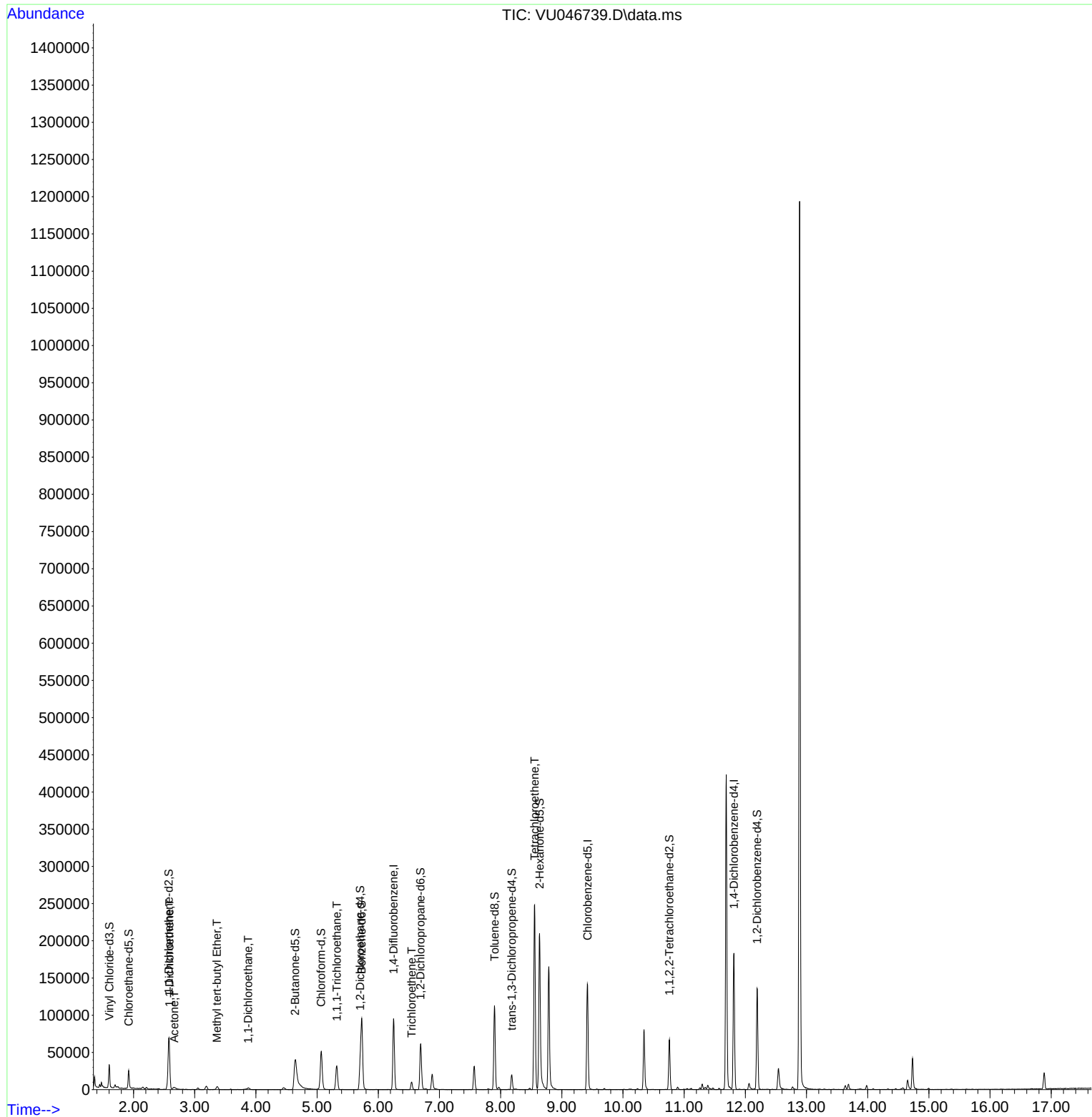
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	78948	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	82449	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	47955	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	20390	3.279	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.600%
7) Chloroethane-d5	1.919	69	18999	3.880	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.600%
11) 1,1-Dichloroethene-d2	2.575	65	9229	3.520	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.400%
20) 2-Butanone-d5	4.643	46	77452	42.939	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.880%
24) Chloroform-d	5.067	84	48075	4.219	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
26) 1,2-Dichloroethane-d4	5.704	65	29023	4.455	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
32) Benzene-d6	5.729	84	91202	3.968	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.400%
36) 1,2-Dichloropropane-d6	6.691	67	29813	4.317	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.400%
41) Toluene-d8	7.900	98	75855	3.636	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.800%
43) trans-1,3-Dichloroprop...	8.183	79	12853	4.024	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.400%
46) 2-Hexanone-d5	8.636	63	84861	45.251	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.500%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	32039	4.520	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	35181	3.983	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	79.600%#
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.588	96	11573	1.666	ug/L	96
13) Acetone	2.665	43	7170	4.240	ug/L	74
17) Methyl tert-butyl Ether	3.363	73	4864	0.240	ug/L	98
19) 1,1-Dichloroethane	3.874	63	2165	0.159	ug/L	95
29) 1,1,1-Trichloroethane	5.321	97	23878	1.751	ug/L	97
34) Trichloroethene	6.546	95	3705	0.429	ug/L	95
47) Tetrachloroethene	8.556	164	56156	9.190	ug/L	94

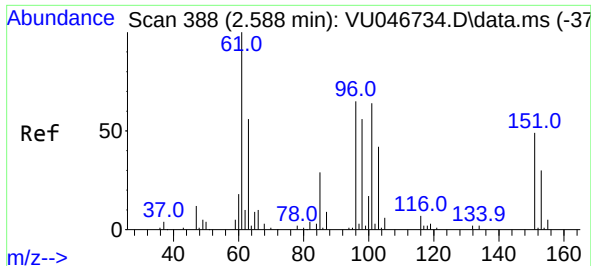
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 13 01:01:13 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
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#12

1,1-Dichloroethene

Concen: 1.666 ug/L

RT: 2.588 min Scan# 388

Delta R.T. 0.010 min

Lab File: VU046739.D

Acq: 12 Jan 2022 13:52

Instrument :

MSVOA_U

ClientSampleId :

BFXW7

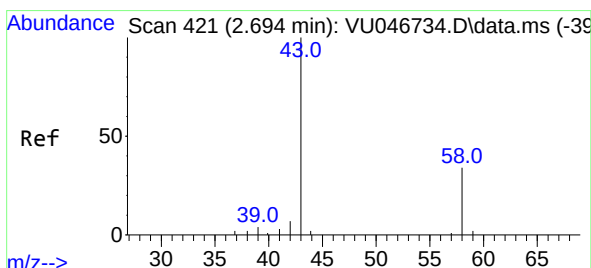
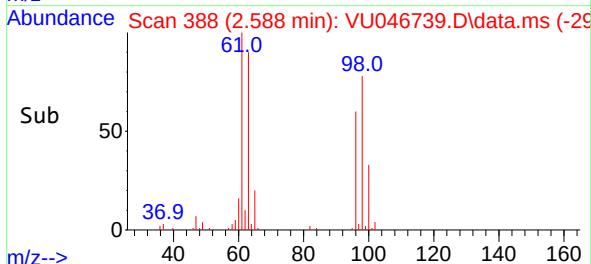
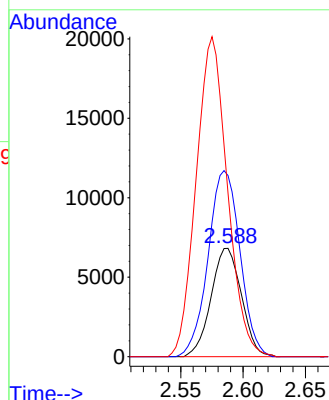
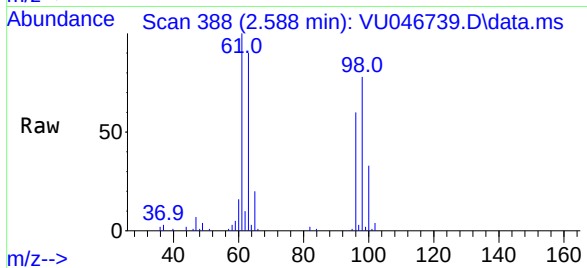
Tgt Ion: 96 Resp: 11573

Ion Ratio Lower Upper

96 100

61 167.0 124.7 231.5

63 150.7 105.2 195.4



#13

Acetone

Concen: 4.240 ug/L

RT: 2.665 min Scan# 412

Delta R.T. -0.019 min

Lab File: VU046739.D

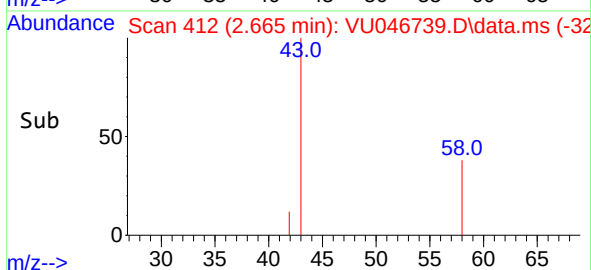
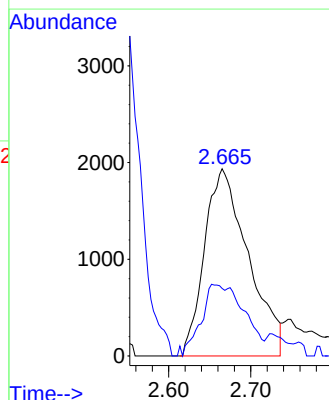
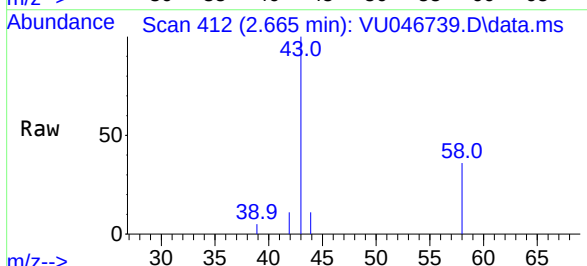
Acq: 12 Jan 2022 13:52

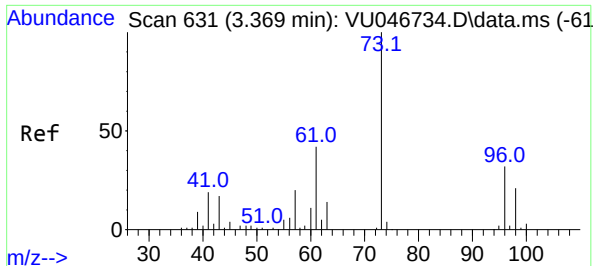
Tgt Ion: 43 Resp: 7170

Ion Ratio Lower Upper

43 100

58 20.3 0.0 71.6

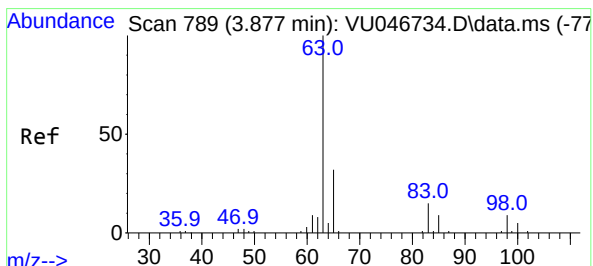
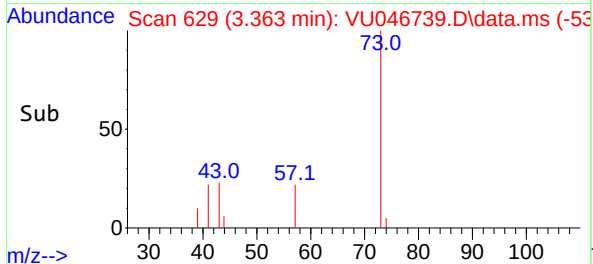
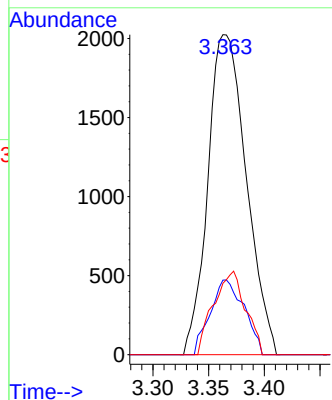
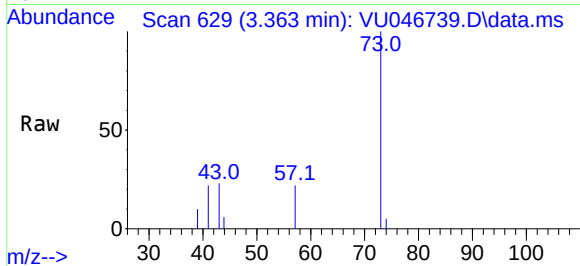




#17
Methyl tert-butyl Ether
Concen: 0.240 ug/L
RT: 3.363 min Scan# 61
Delta R.T. 0.004 min
Lab File: VU046739.D
Acq: 12 Jan 2022 13:52

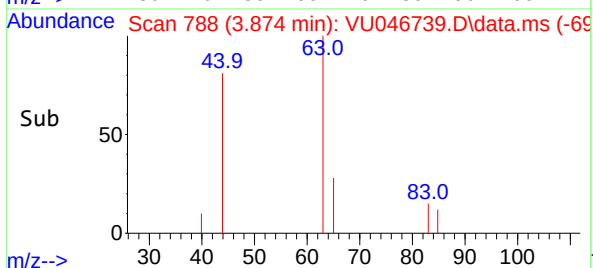
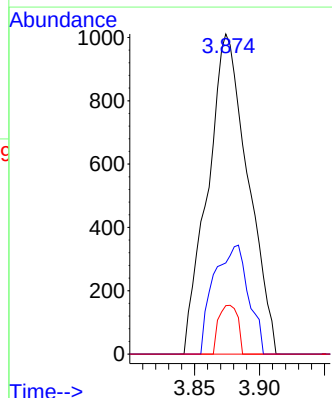
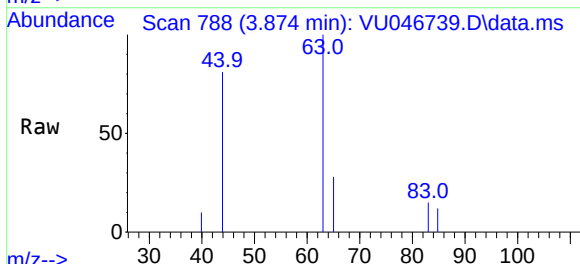
Instrument :
MSVOA_U
ClientSampleId :
BFXW7

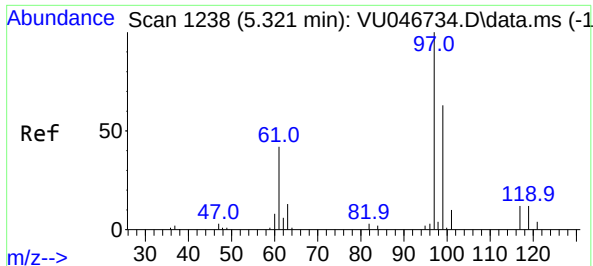
Tgt Ion: 73	Resp:	4864
Ion	Ratio	Lower Upper
73	100	
43	20.6	14.8 22.2
57	21.6	17.4 26.0



#19
1,1-Dichloroethane
Concen: 0.159 ug/L
RT: 3.874 min Scan# 788
Delta R.T. 0.007 min
Lab File: VU046739.D
Acq: 12 Jan 2022 13:52

Tgt Ion: 63	Resp:	2165
Ion	Ratio	Lower Upper
63	100	
65	28.5	22.3 41.5
83	15.1	9.6 17.8

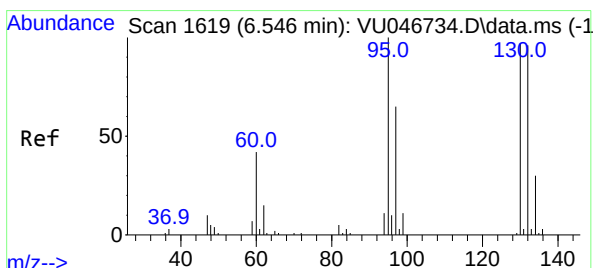
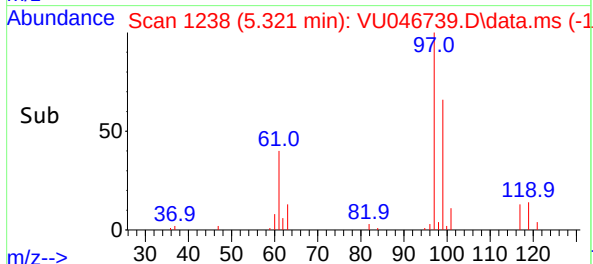
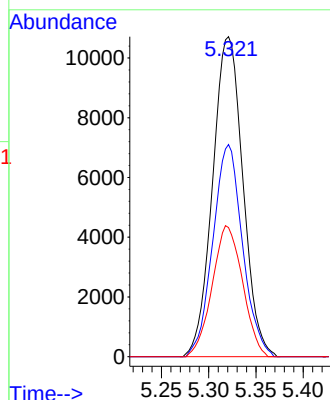
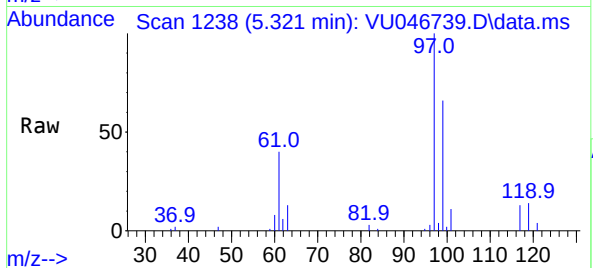




#29
1,1,1-Trichloroethane
Concen: 1.751 ug/L
RT: 5.321 min Scan# 11
Delta R.T. 0.004 min
Lab File: VU046739.D
Acq: 12 Jan 2022 13:52

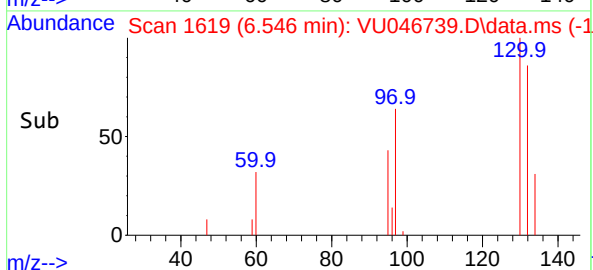
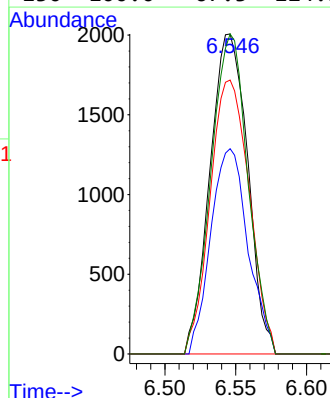
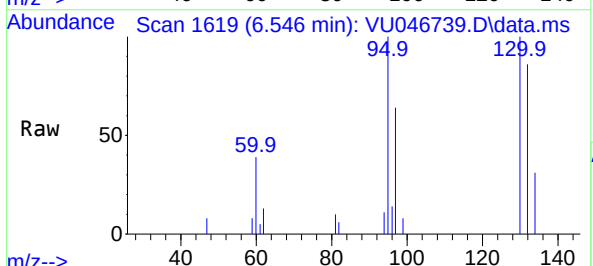
Instrument :
MSVOA_U
ClientSampleId :
BFXW7

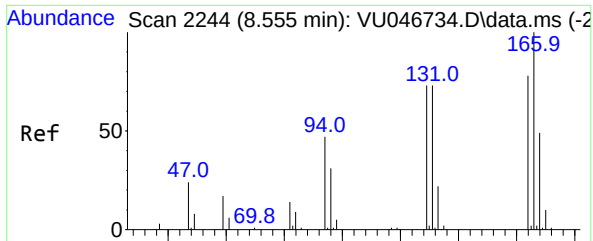
Tgt Ion:	97	Resp:	23878
Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.3	76.9
61	41.0	36.1	54.1



#34
Trichloroethene
Concen: 0.429 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.004 min
Lab File: VU046739.D
Acq: 12 Jan 2022 13:52

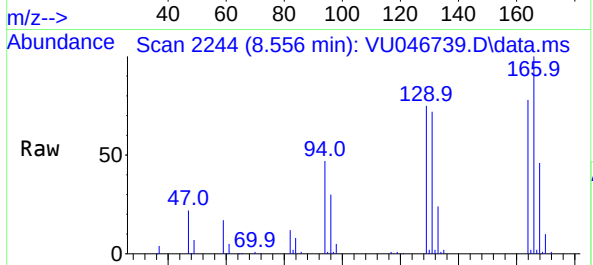
Tgt Ion:	95	Resp:	3705
Ion	Ratio	Lower	Upper
95	100		
97	64.2	46.5	86.5
132	85.6	65.1	120.9
130	100.0	67.3	124.9





#47
Tetrachloroethene
Concen: 9.190 ug/L
RT: 8.556 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU046739.D
Acq: 12 Jan 2022 13:52

Instrument :
MSVOA_U
ClientSampleId :
BFXW7



Tgt Ion:164 Resp: 56156

Ion	Ratio	Lower	Upper
164	100		
129	96.6	71.8	133.4
131	92.1	68.5	127.3
166	127.9	94.1	174.8

