

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112322\
 Data File : VU052092.D
 Acq On : 23 Nov 2022 16:35
 Operator : JC/MD
 Sample : N5684-02DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH1H2DL

Quant Time: Nov 24 04:14:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 24 04:13:15 2022
 Response via : Initial Calibration

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

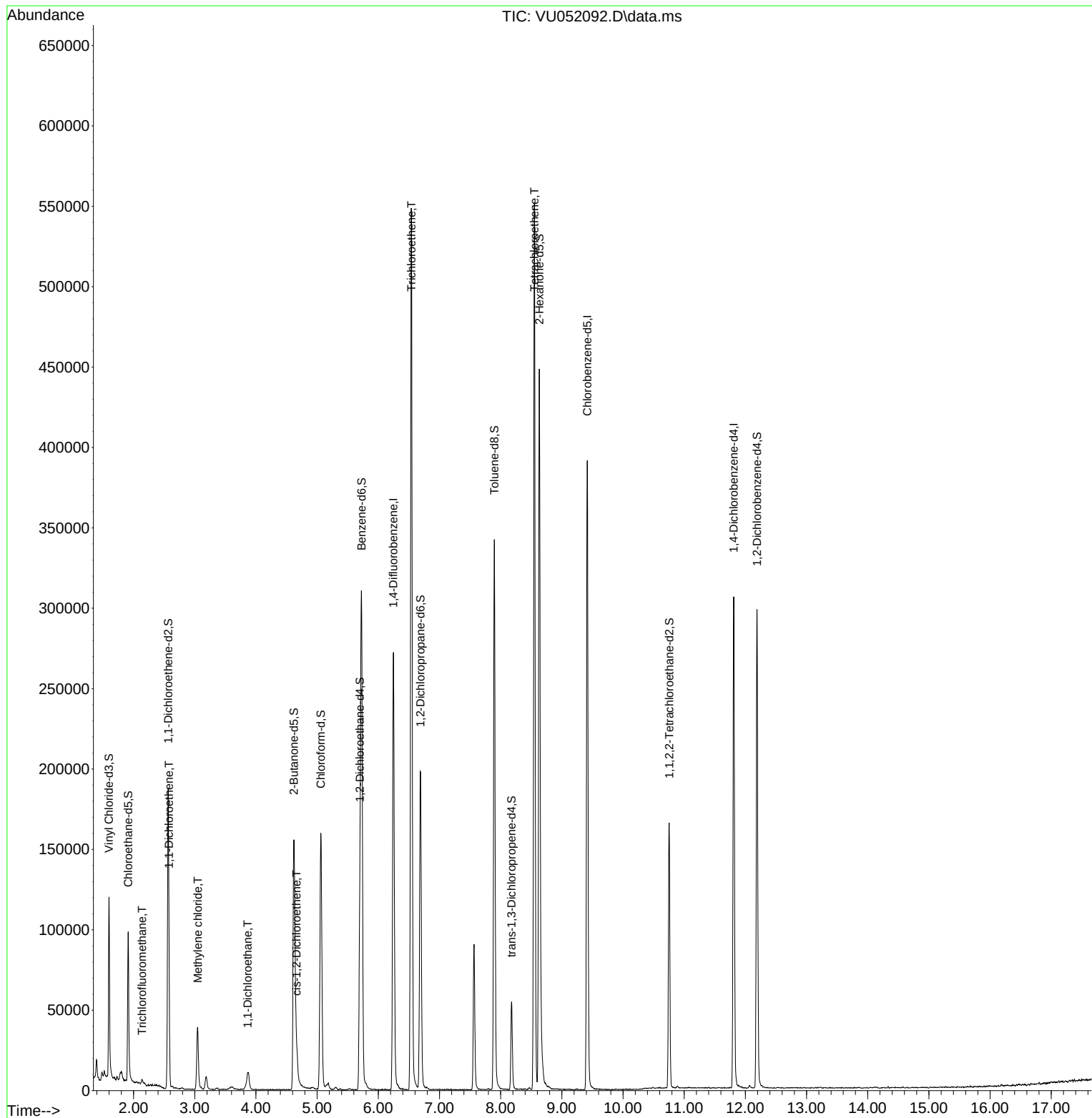
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	227988	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	231872	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	86265	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	86613	3.906	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.200%
7) Chloroethane-d5	1.912	69	75492	4.383	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.600%
11) 1,1-Dichloroethene-d2	2.565	65	33805	4.253	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.000%
20) 2-Butanone-d5	4.620	46	200302	49.829	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.660%
24) Chloroform-d	5.060	84	154945	4.755	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	5.700	65	79792	4.848	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
32) Benzene-d6	5.726	84	310984	4.518	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
36) 1,2-Dichloropropane-d6	6.687	67	102092	4.792	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.800%
41) Toluene-d8	7.896	98	237533	3.814	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.200%
43) trans-1,3-Dichloroprop...	8.179	79	32811	4.226	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.600%
46) 2-Hexanone-d5	8.632	63	156154	47.463	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.920%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	86048	4.659	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	83166	5.035	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.800%
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	2.138	101	1726	0.063	ug/L	94
12) 1,1-Dichloroethene	2.578	96	5848	0.354	ug/L	# 1
16) Methylene chloride	3.047	84	20672	0.924	ug/L	99
19) 1,1-Dichloroethane	3.864	63	8082	0.253	ug/L	92
22) cis-1,2-Dichloroethene	4.665	96	6861	0.369	ug/L	98
34) Trichloroethene	6.539	95	194885	10.354	ug/L	99
47) Tetrachloroethene	8.552	164	123278	8.546	ug/L	97

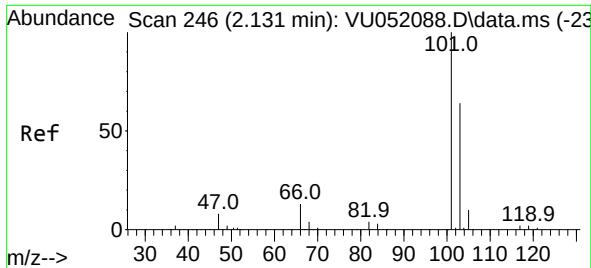
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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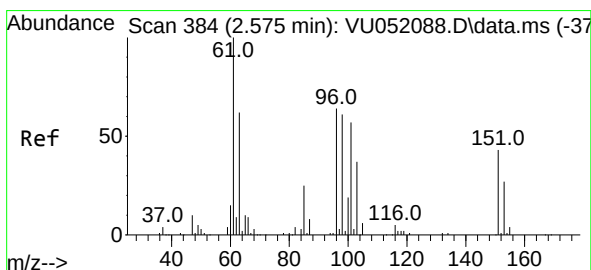
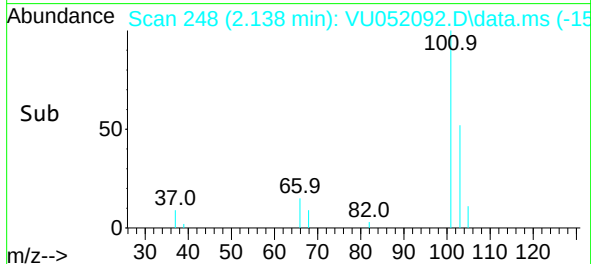
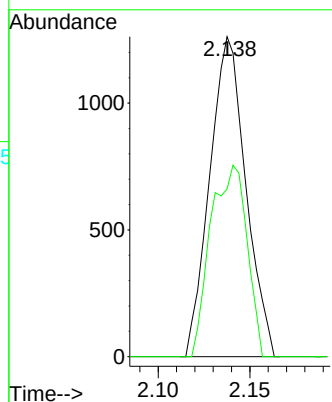
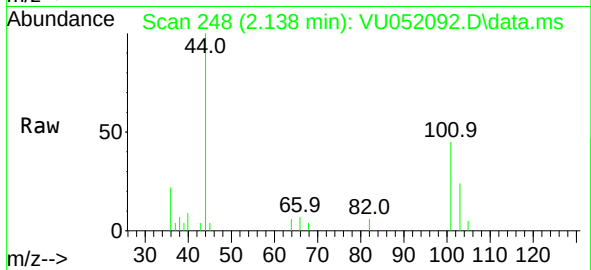




#9
 Trichlorofluoromethane
 Concen: 0.063 ug/L
 RT: 2.138 min Scan# 246
 Delta R.T. 0.006 min
 Lab File: VU052092.D
 Acq: 23 Nov 2022 16:35

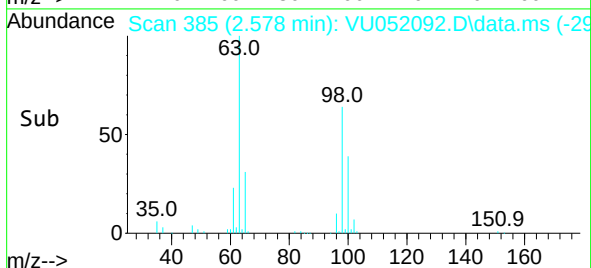
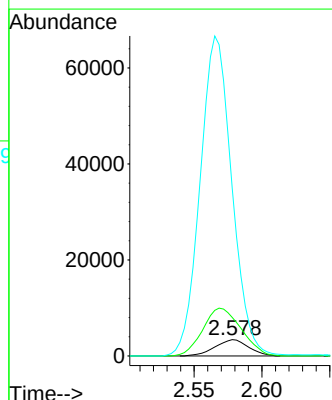
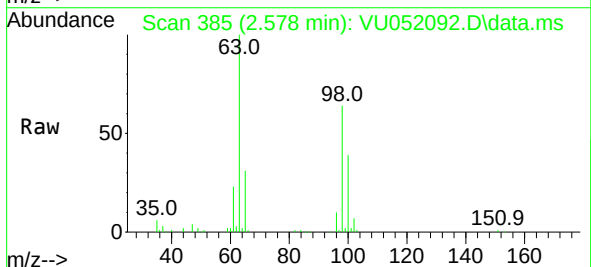
Instrument :
 MSVOA_U
 ClientSampleId :
 BH1H2DL

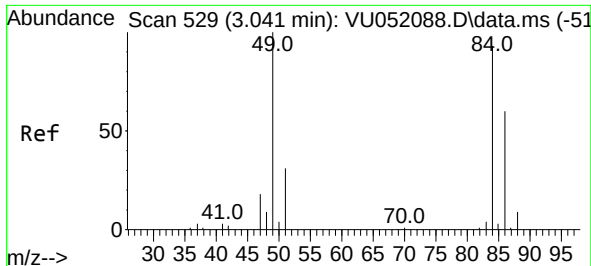
Tgt Ion:101 Resp: 1726
 Ion Ratio Lower Upper
 101 100
 103 60.1 51.6 77.4



#12
 1,1-Dichloroethene
 Concen: 0.354 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.003 min
 Lab File: VU052092.D
 Acq: 23 Nov 2022 16:35

Tgt Ion: 96 Resp: 5848
 Ion Ratio Lower Upper
 96 100
 61 236.3 114.8 213.2#
 63 1030.8 93.7 174.1#

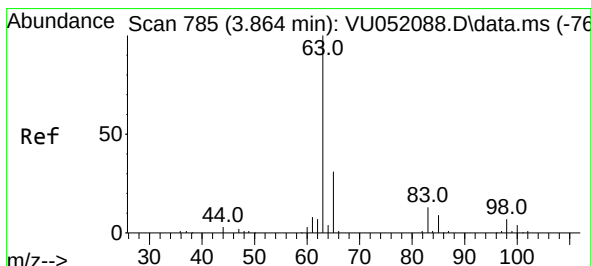
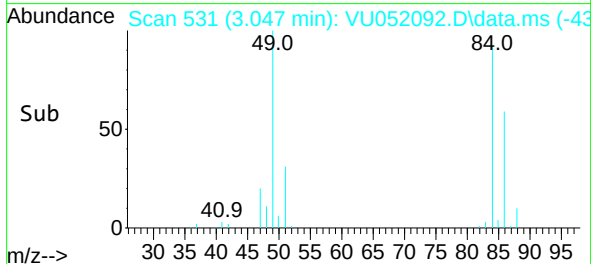
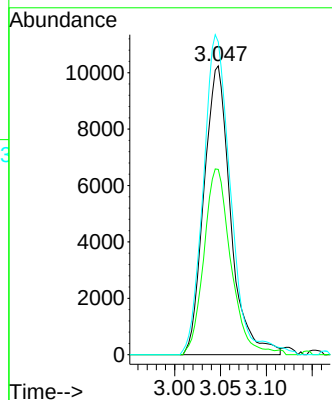
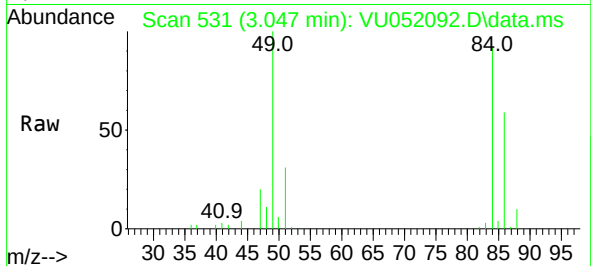




#16
Methylene chloride
Concen: 0.924 ug/L
RT: 3.047 min Scan# 51
Delta R.T. 0.006 min
Lab File: VU052092.D
Acq: 23 Nov 2022 16:35

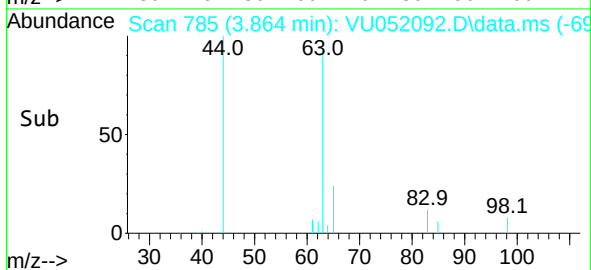
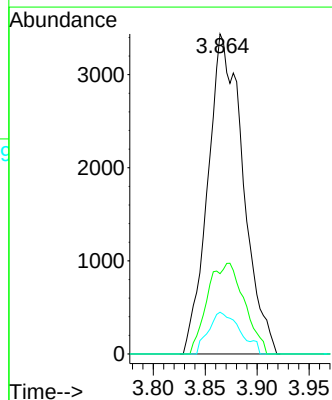
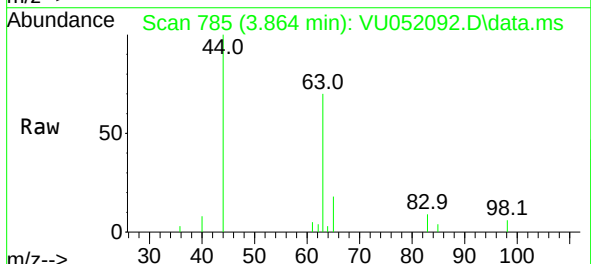
Instrument :
MSVOA_U
ClientSampleId :
BH1H2DL

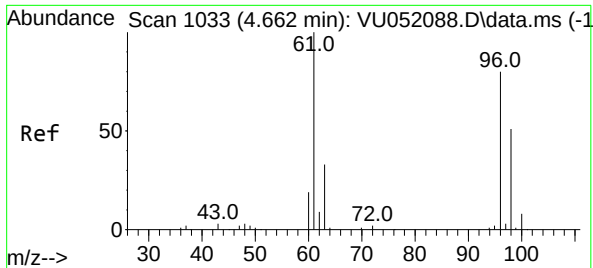
Tgt Ion: 84 Resp: 20672
Ion Ratio Lower Upper
84 100
86 64.1 43.8 81.4
49 108.3 75.9 141.1



#19
1,1-Dichloroethane
Concen: 0.253 ug/L
RT: 3.864 min Scan# 785
Delta R.T. -0.000 min
Lab File: VU052092.D
Acq: 23 Nov 2022 16:35

Tgt Ion: 63 Resp: 8082
Ion Ratio Lower Upper
63 100
65 25.1 22.2 41.2
83 13.1 9.2 17.0

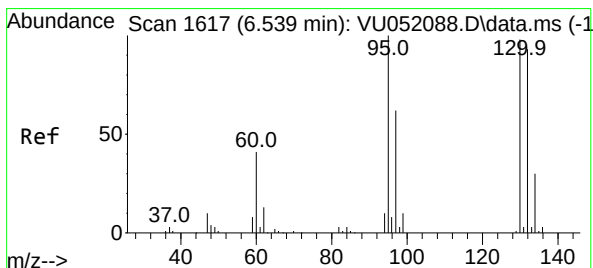
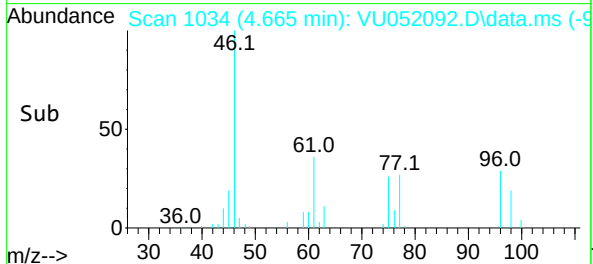
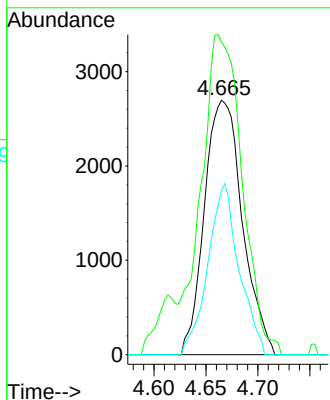
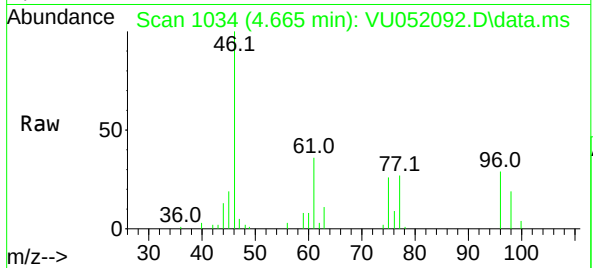




#22
cis-1,2-Dichloroethene
Concen: 0.369 ug/L
RT: 4.665 min Scan# 1033
Delta R.T. 0.003 min
Lab File: VU052092.D
Acq: 23 Nov 2022 16:35

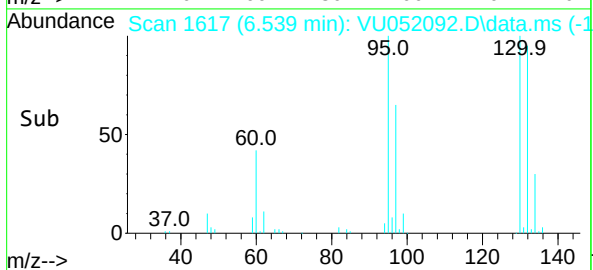
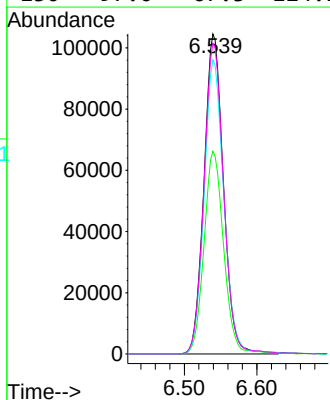
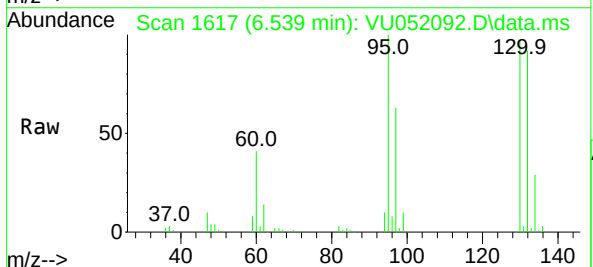
Instrument :
MSVOA_U
ClientSampleId :
BH1H2DL

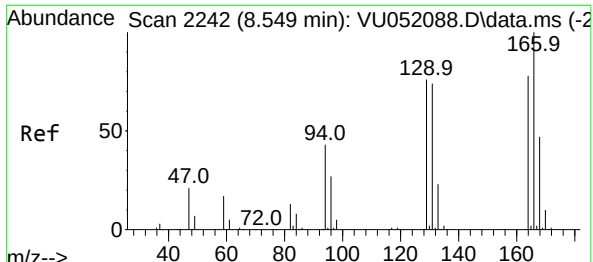
Tgt Ion: 96 Resp: 6861
Ion Ratio Lower Upper
96 100
61 123.1 85.1 158.1
98 64.3 42.8 79.6



#34
Trichloroethene
Concen: 10.354 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU052092.D
Acq: 23 Nov 2022 16:35

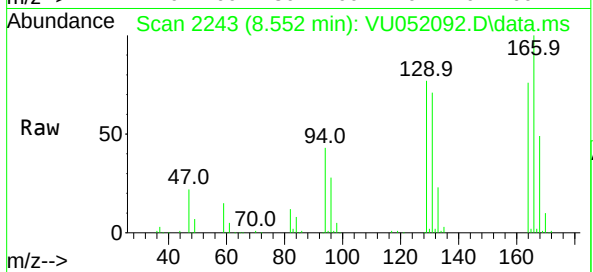
Tgt Ion: 95 Resp: 194885
Ion Ratio Lower Upper
95 100
97 63.3 43.7 81.1
132 91.9 64.3 119.3
130 97.0 67.3 124.9





#47
 Tetrachloroethene
 Concen: 8.546 ug/L
 RT: 8.552 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VU052092.D
 Acq: 23 Nov 2022 16:35

Instrument :
 MSVOA_U
 ClientSampleId :
 BH1H2DL



Tgt Ion:164 Resp: 123278

Ion	Ratio	Lower	Upper
164	100		
129	100.2	67.4	125.2
131	93.4	67.1	124.7
166	131.0	89.7	166.5

