

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080522\
 Data File : VU050110.D
 Acq On : 05 Aug 2022 21:36
 Operator : SY/MD
 Sample : N4027-19
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJJ2

Quant Time: Aug 06 06:05:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 06 06:03:36 2022
 Response via : Initial Calibration

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

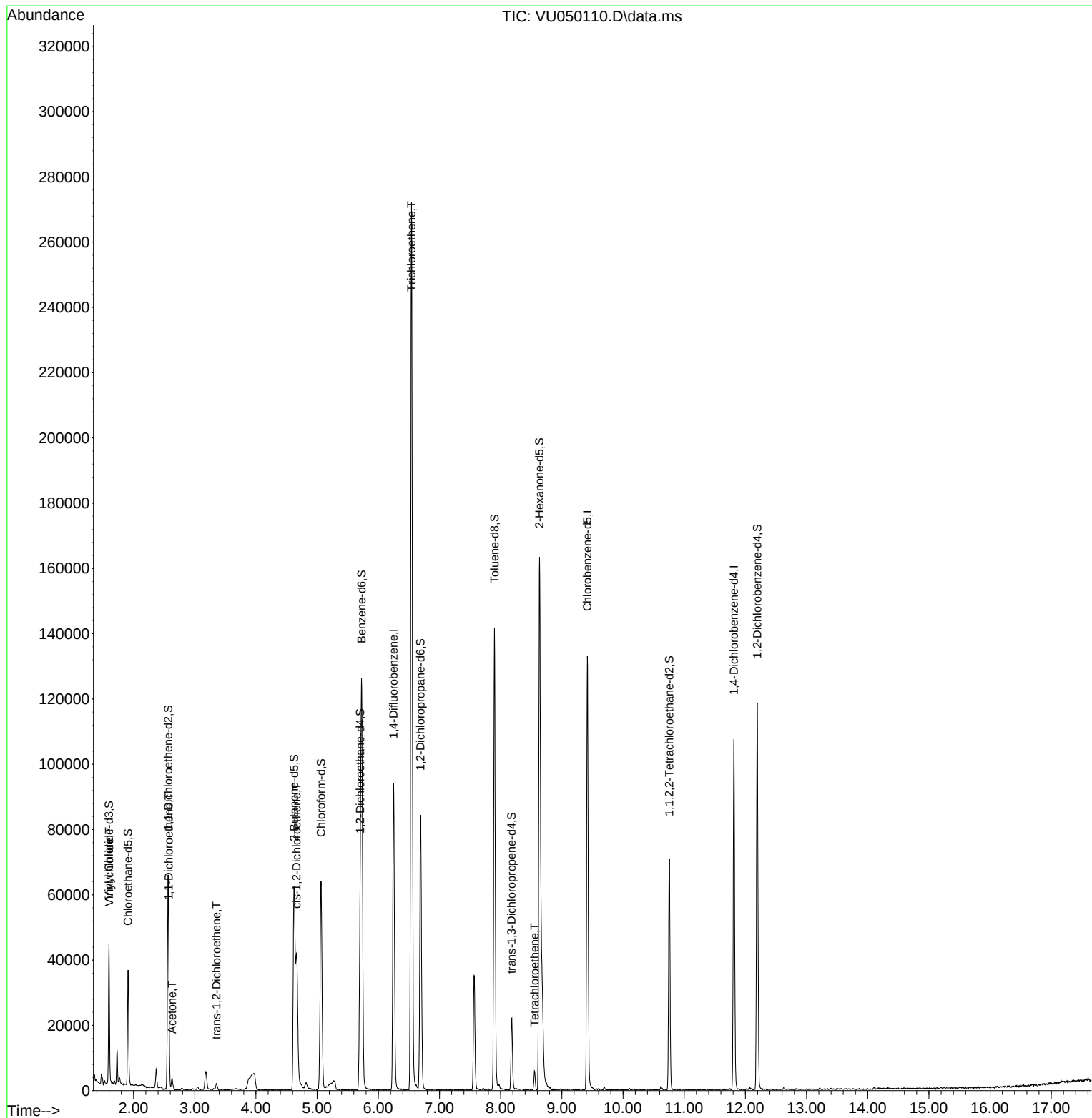
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	78883	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	79372	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	29355	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	29589	4.507	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.200%
7) Chloroethane-d5	1.909	69	26071	4.922	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.400%
11) 1,1-Dichloroethene-d2	2.565	65	11926	4.648	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.000%
20) 2-Butanone-d5	4.623	46	91848	57.374	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.740%
24) Chloroform-d	5.063	84	62276	5.100	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
26) 1,2-Dichloroethane-d4	5.703	65	33494	5.342	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.800%
32) Benzene-d6	5.729	84	122548	4.948	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
36) 1,2-Dichloropropane-d6	6.690	67	43188	5.295	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.800%
41) Toluene-d8	7.899	98	98615	4.508	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
43) trans-1,3-Dichloroprop...	8.179	79	13809	4.724	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.400%
46) 2-Hexanone-d5	8.632	63	53114	51.243	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.480%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	38343	5.353	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	33549	5.833	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.600%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.601	62	920	0.109	ug/L #	38
12) 1,1-Dichloroethene	2.575	96	2511	0.461	ug/L #	1
13) Acetone	2.629	43	4245	4.761	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	916	0.150	ug/L	93
22) cis-1,2-Dichloroethene	4.665	96	18371	2.711	ug/L	97
34) Trichloroethene	6.542	95	96972	14.418	ug/L	98
47) Tetrachloroethene	8.555	164	1489	0.309	ug/L	78

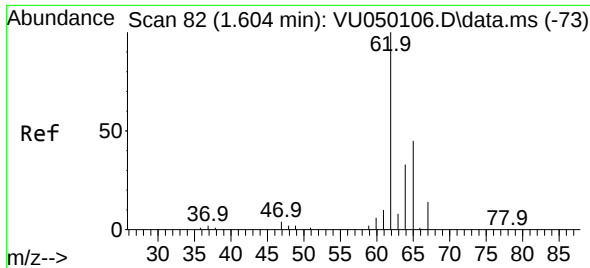
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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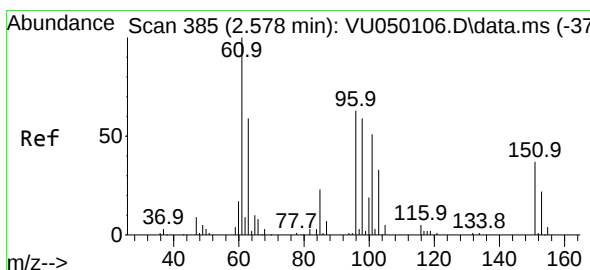
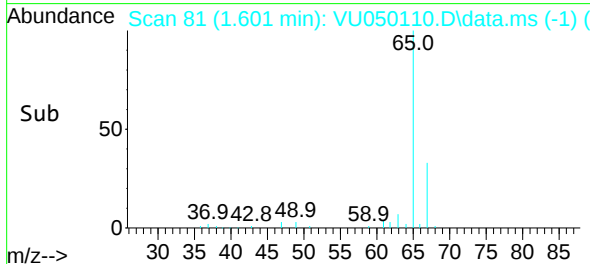
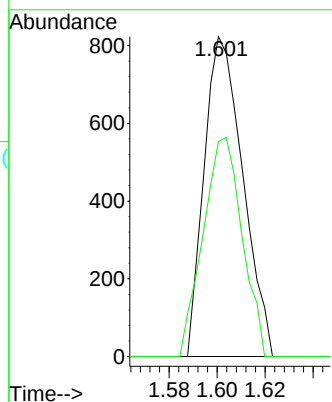
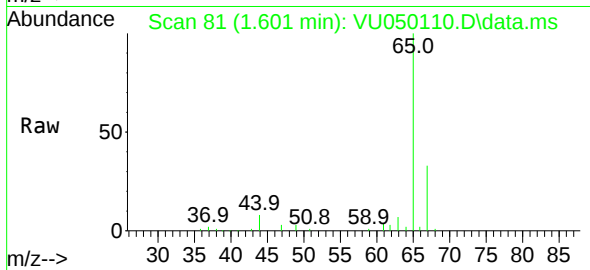




#5
 Vinyl chloride
 Concen: 0.109 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU050110.D
 Acq: 05 Aug 2022 21:36

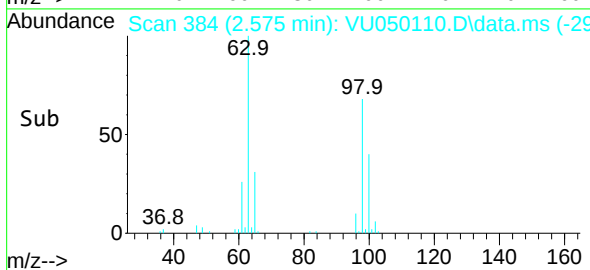
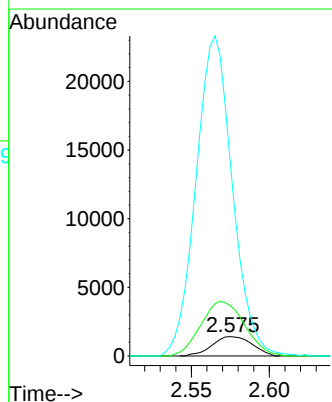
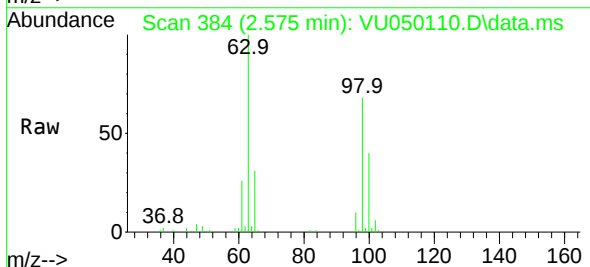
Instrument :
 MSVOA_U
 ClientSampleId :
 GBJJ2

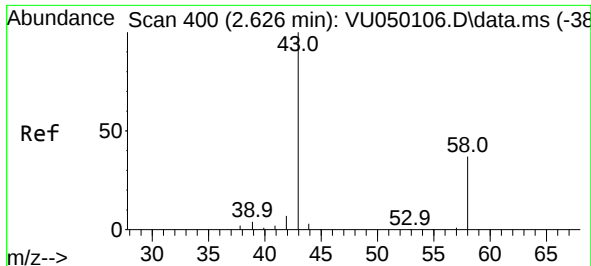
Tgt Ion: 62 Resp: 920
 Ion Ratio Lower Upper
 62 100
 64 67.2 22.8 42.4#



#12
 1,1-Dichloroethene
 Concen: 0.461 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.003 min
 Lab File: VU050110.D
 Acq: 05 Aug 2022 21:36

Tgt Ion: 96 Resp: 2511
 Ion Ratio Lower Upper
 96 100
 61 259.2 122.7 227.9#
 63 1005.4 85.1 158.1#





#13

Acetone

Concen: 4.761 ug/L

RT: 2.629 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU050110.D

Acq: 05 Aug 2022 21:36

Instrument :

MSVOA_U

ClientSampleId :

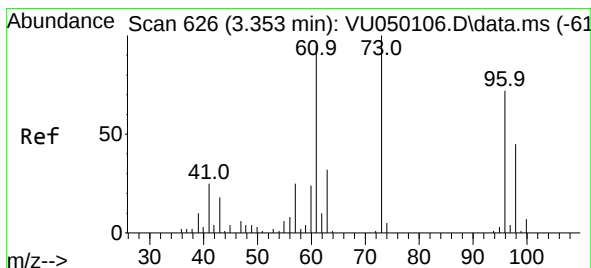
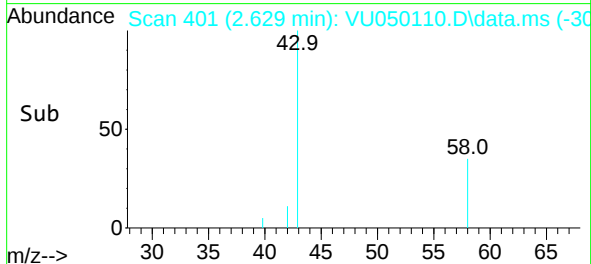
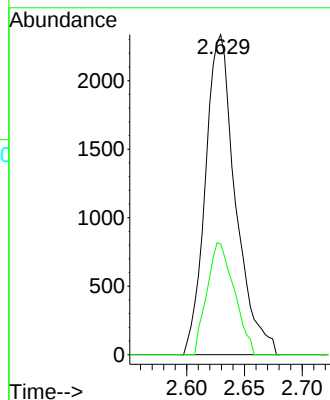
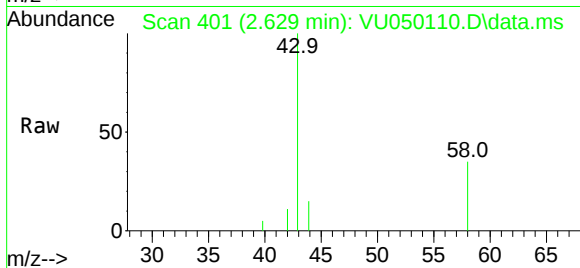
GBJJ2

Tgt Ion: 43 Resp: 4245

Ion Ratio Lower Upper

43 100

58 31.5 0.0 64.0



#18

trans-1,2-Dichloroethene

Concen: 0.150 ug/L

RT: 3.353 min Scan# 626

Delta R.T. 0.000 min

Lab File: VU050110.D

Acq: 05 Aug 2022 21:36

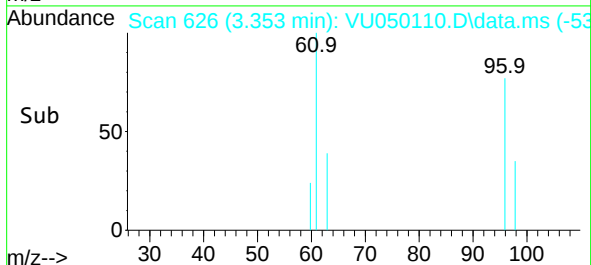
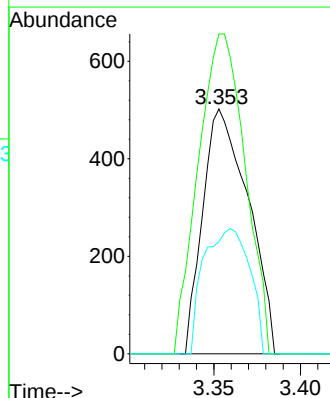
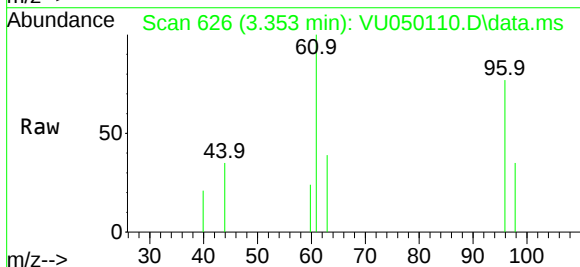
Tgt Ion: 96 Resp: 916

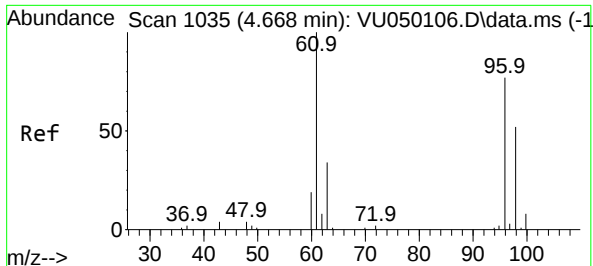
Ion Ratio Lower Upper

96 100

61 130.7 92.3 171.5

98 45.8 43.2 80.2





#22

cis-1,2-Dichloroethene

Concen: 2.711 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VU050110.D

Acq: 05 Aug 2022 21:36

Instrument :

MSVOA_U

ClientSampleId :

GBJJ2

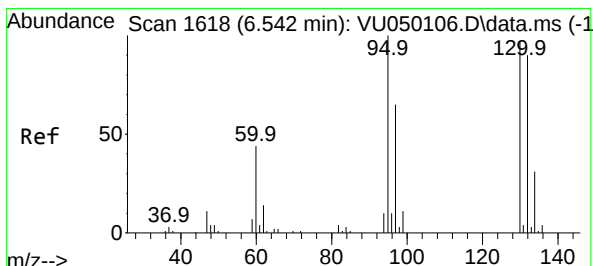
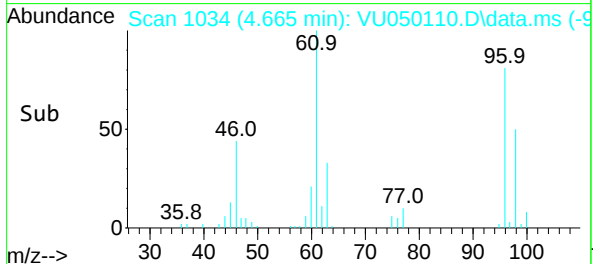
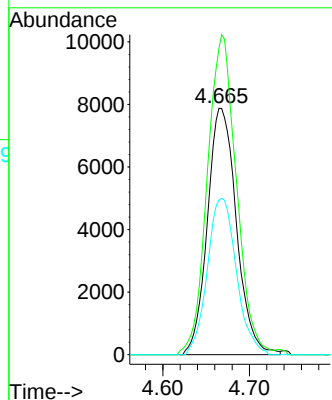
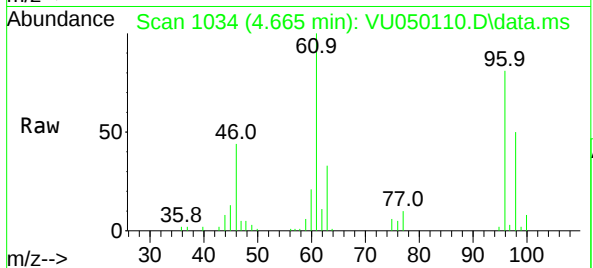
Tgt Ion: 96 Resp: 18371

Ion Ratio Lower Upper

96 100

61 124.2 89.0 165.4

98 62.7 45.2 84.0



#34

Trichloroethene

Concen: 14.418 ug/L

RT: 6.542 min Scan# 1618

Delta R.T. 0.000 min

Lab File: VU050110.D

Acq: 05 Aug 2022 21:36

Tgt Ion: 95 Resp: 96972

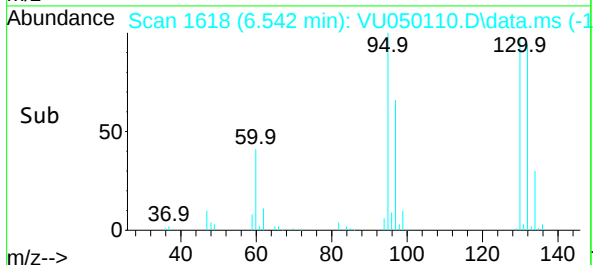
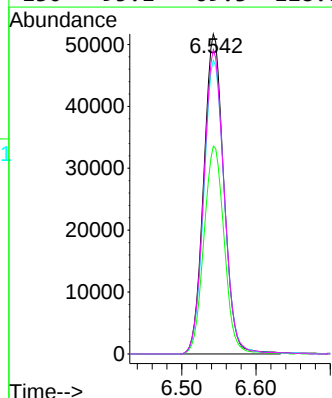
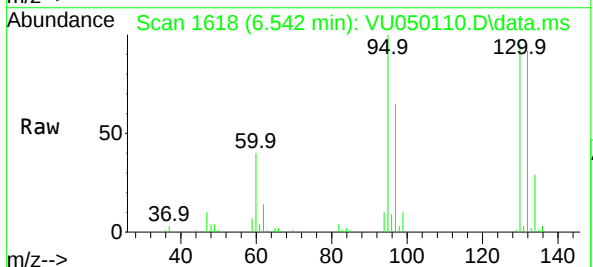
Ion Ratio Lower Upper

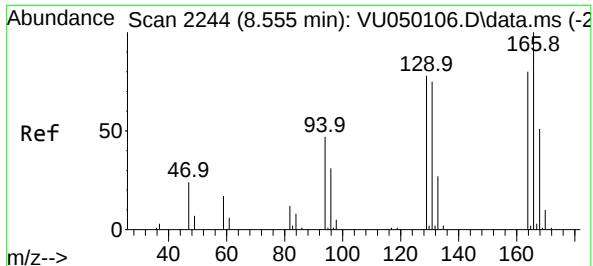
95 100

97 64.9 45.6 84.8

132 91.8 65.0 120.6

130 95.1 69.3 128.7





#47
 Tetrachloroethene
 Concen: 0.309 ug/L
 RT: 8.555 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU050110.D
 Acq: 05 Aug 2022 21:36

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJJ2

Tgt Ion:	164	Resp:	1489
Ion	Ratio	Lower	Upper
164	100		
129	75.0	69.0	128.1
131	76.1	65.8	122.2
166	97.8	86.1	159.9

