

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060120\
 Data File : VU038480.D
 Acq On : 01 Jun 2020 18:46
 Operator : JC/MD
 Sample : L2789-18
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXA4

Quant Time: Jun 02 07:19:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 02 05:25:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	286698	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	283153	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	133346	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	73917	3.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.60%
7) Chloroethane-d5	1.93	69	71732	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.60%
11) 1,1-Dichloroethene-d2	2.59	63	119313	3.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.40%
20) 2-Butanone-d5	4.68	46	352296	62.50	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.00%
24) Chloroform-d	5.10	84	194689	5.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.80%
26) 1,2-Dichloroethane-d4	5.74	65	111827	5.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.00%
32) Benzene-d6	5.76	84	370936	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.00%
36) 1,2-Dichloropropane-d6	6.72	67	115801	5.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.60%
41) Toluene-d8	7.92	98	302715	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
43) trans-1,3-Dichloropropene-	8.20	79	44920	4.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.00%
46) 2-Hexanone-d5	8.65	63	301287	65.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	130.52%#
57) 1,1,2,2-Tetrachloroethane-	10.77	84	105245	5.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	126896	5.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.40%

Target Compounds

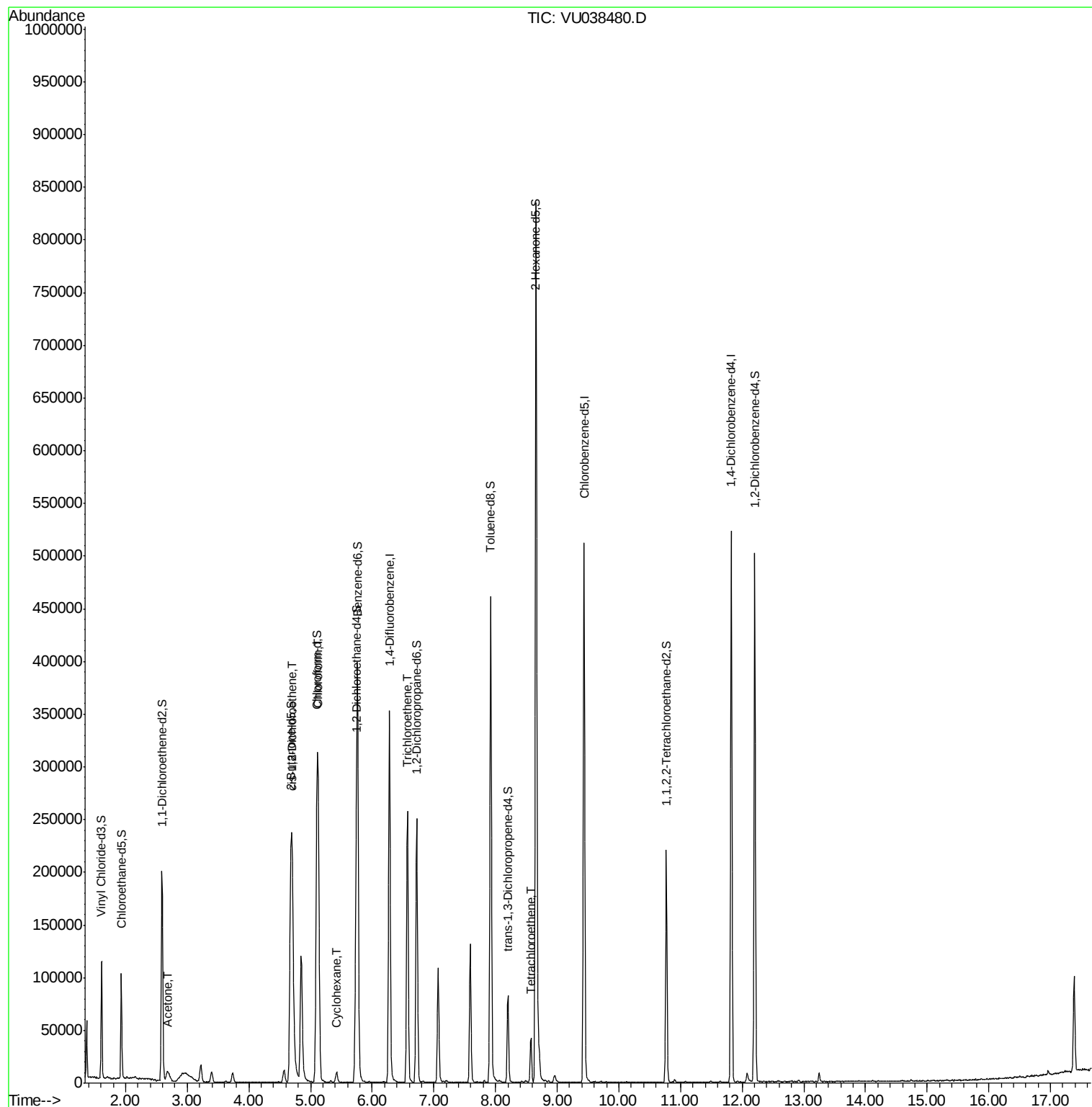
					Ovalue
13) Acetone	2.68	43	21560	5.845 ug/L	99
22) cis-1,2-Dichloroethene	4.71	96	48851	2.384 ug/L	97
25) Chloroform	5.12	83	184848	5.344 ug/L	98
30) Cyclohexane	5.43	56	4722	0.150 ug/L #	90
34) Trichloroethene	6.57	95	87331	4.261 ug/L	96
47) Tetrachloroethene	8.57	164	9589	0.644 ug/L	96

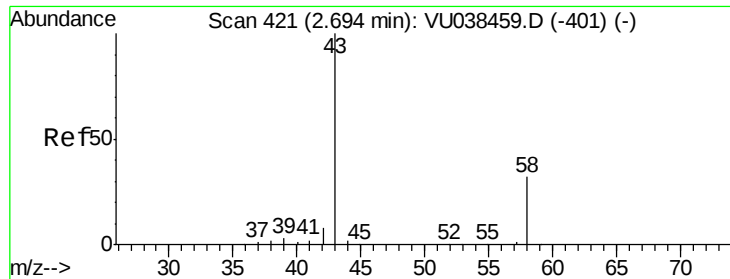
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.845 ug/L

RT: 2.68 min Scan# 418

Delta R.T. -0.01 min

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MSVOA_U

ClientSampleId :

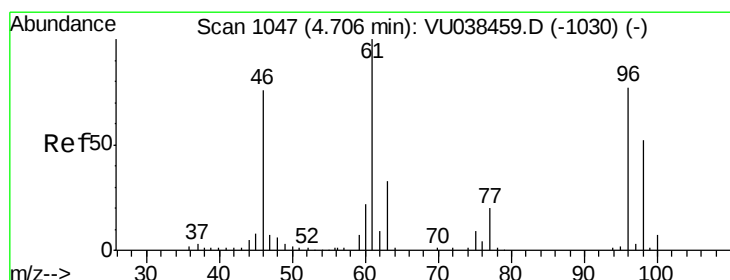
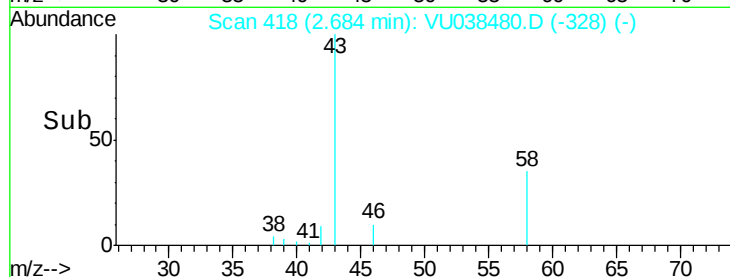
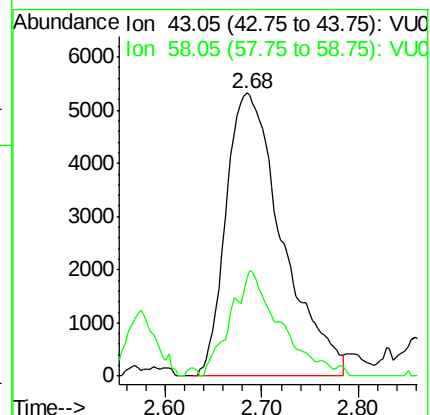
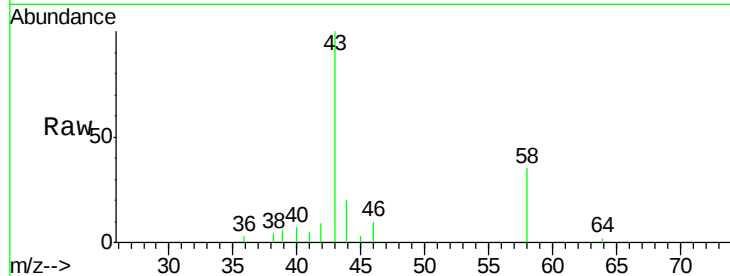
BFXA4

Tot Ion: 43 Resp: 21560

Ion Ratio Lower Upper

43 100

58 32.5 0.0 65.6



#22

cis-1,2-Dichloroethene

Concen: 2.384 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. 0.00 min

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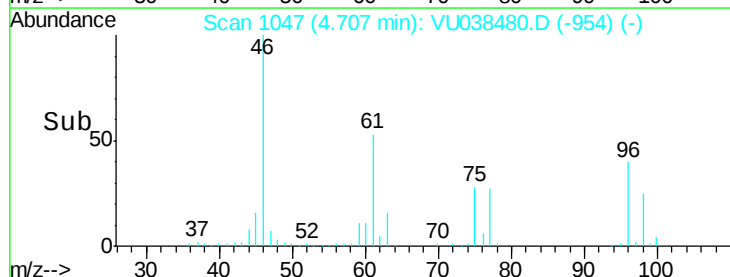
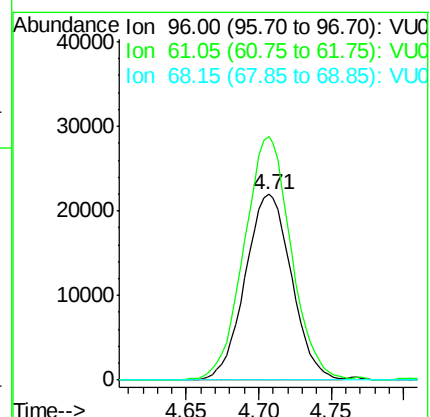
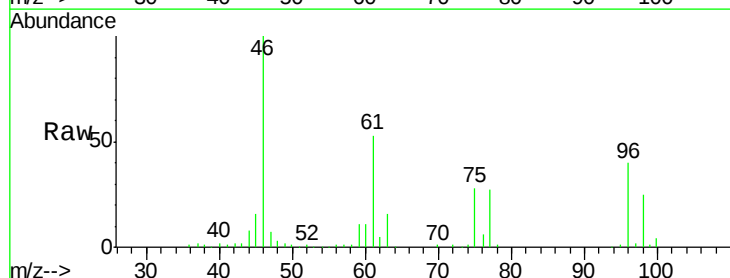
Tgt Ion: 96 Resp: 48851

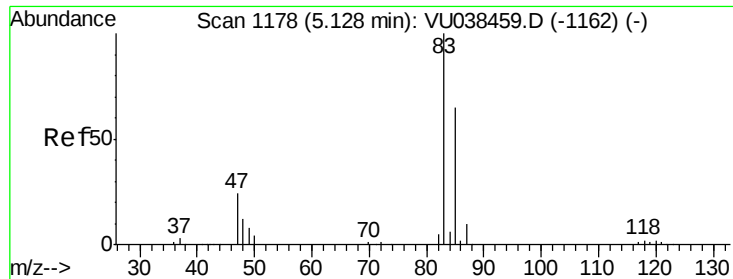
Ion Ratio Lower Upper

96 100

61 131.0 94.0 174.6

68 0.0 0.0 0.0

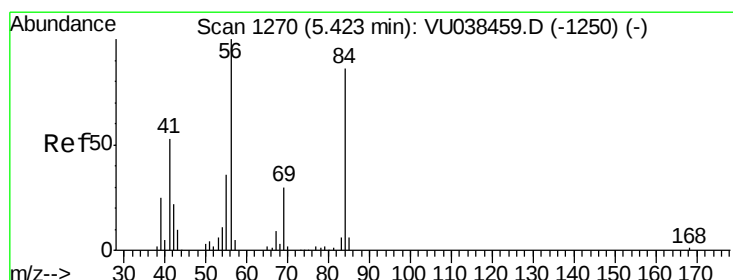
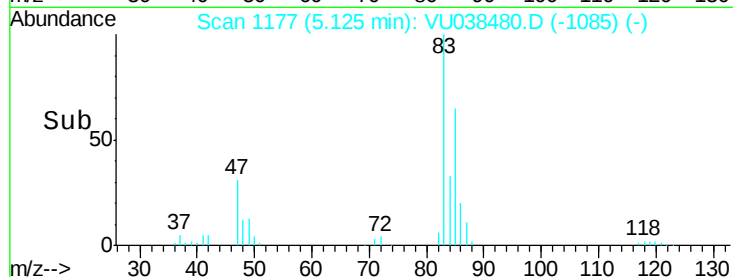
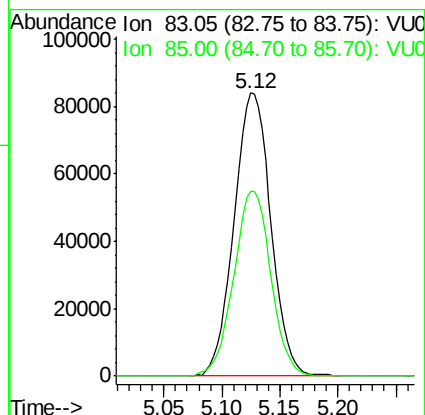
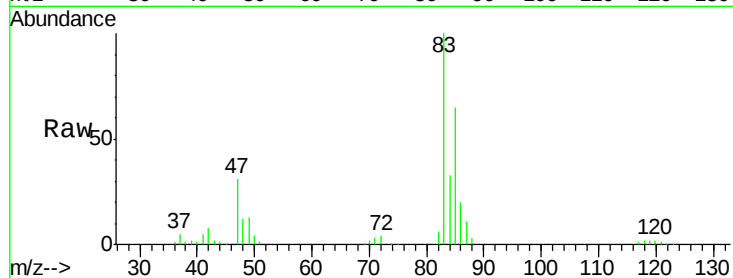




#25
Chloroform
Concen: 5.344 ug/L
RT: 5.12 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VU038480.D
Acq: 01 Jun 2020 18:46

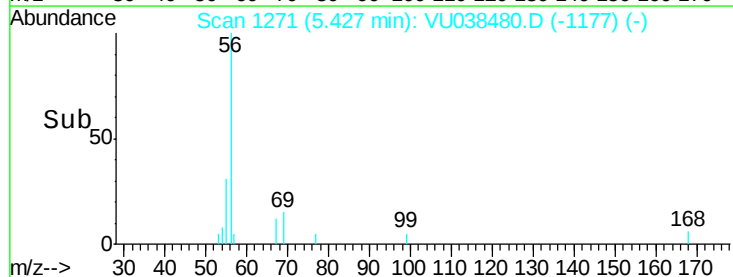
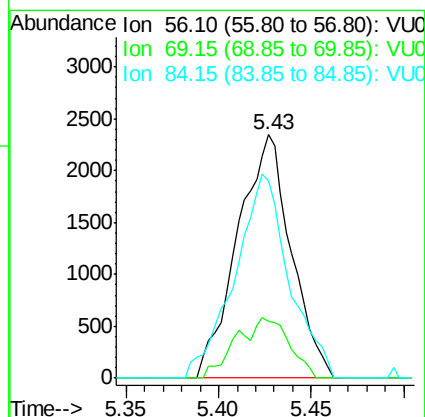
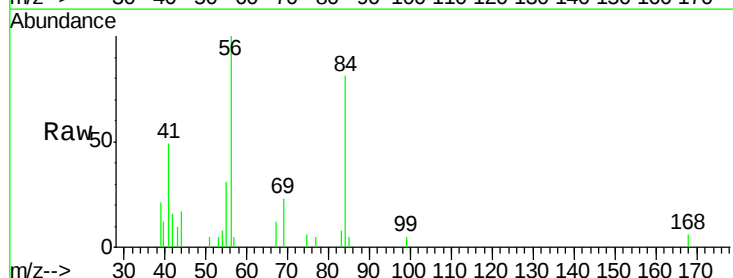
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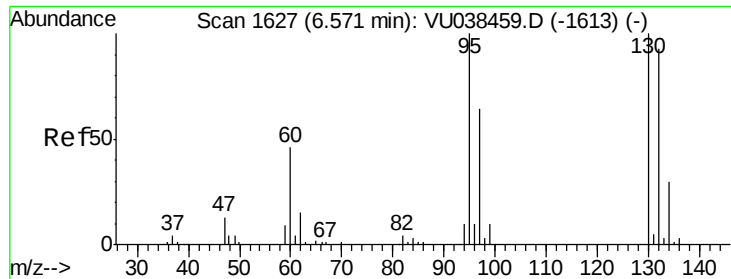
Tot Ion: 83 Resp: 184848
Ion Ratio Lower Upper
83 100
85 65.4 44.9 83.5



#30
Cyclohexane
Concen: 0.150 ug/L
RT: 5.43 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VU038480.D
Acq: 01 Jun 2020 18:46

Tgt Ion: 56 Resp: 4722
Ion Ratio Lower Upper
56 100
69 15.6 24.2 36.4#
84 85.0 70.8 106.2

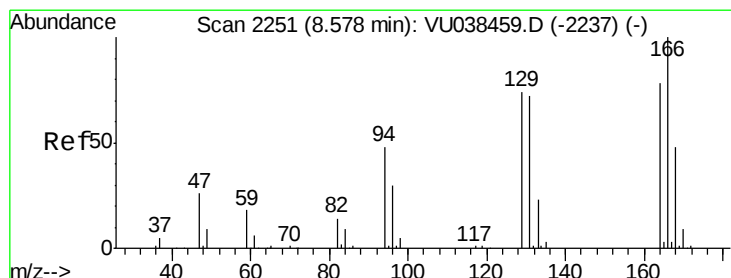
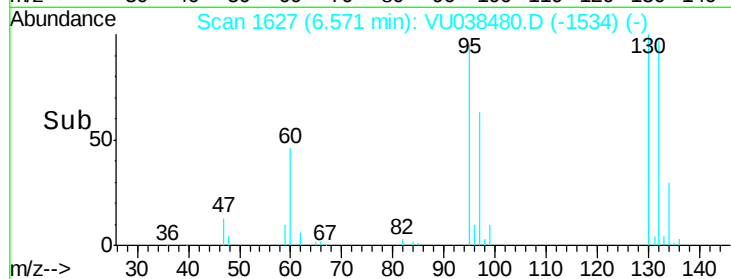
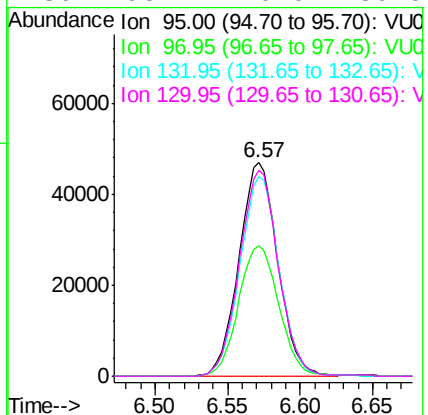
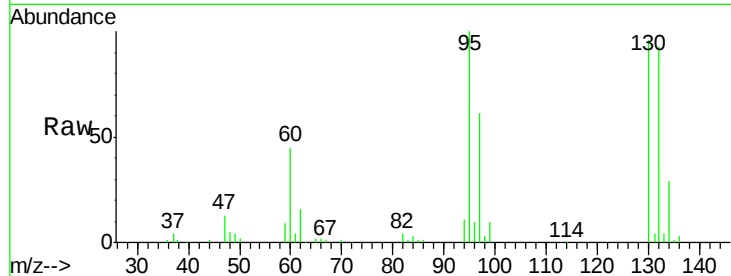




#34
 Trichloroethene
 Concen: 4.261 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VU038480.D
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Tot Ion: 95 Resp: 87331
 Ion Ratio Lower Upper
 95 100
 97 61.0 46.8 87.0
 132 93.5 66.1 122.7
 130 96.4 70.0 130.0



#47
 Tetrachloroethene
 Concen: 0.644 ug/L
 RT: 8.57 min Scan# 2249
 Delta R.T. -0.01 min
 Lab File: VU038480.D
 Acq: 01 Jun 2020 18:46

Tgt Ion: 164 Resp: 9589
 Ion Ratio Lower Upper
 164 100
 129 93.5 67.4 125.2
 131 98.3 64.1 119.1
 166 118.5 85.7 159.1

