

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060120\
 Data File : VU038481.D
 Acq On : 01 Jun 2020 19:09
 Operator : JC/MD
 Sample : L2789-19
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXA9

Quant Time: Jun 02 07:22:11 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	293242	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	292953	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	139261	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	77200	4.07	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.40%
7) Chloroethane-d5	1.93	69	75018	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.80%
11) 1,1-Dichloroethene-d2	2.59	63	125795	3.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.40%
20) 2-Butanone-d5	4.68	46	367039	63.66	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	127.32%
24) Chloroform-d	5.10	84	191438	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.40%
26) 1,2-Dichloroethane-d4	5.74	65	118455	5.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.00%
32) Benzene-d6	5.76	84	384511	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.20%
36) 1,2-Dichloropropane-d6	6.72	67	117927	5.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.80%
41) Toluene-d8	7.92	98	314999	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
43) trans-1,3-Dichloropropene-	8.20	79	48469	5.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.20%
46) 2-Hexanone-d5	8.65	63	310162	64.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	129.88%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	109431	5.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	130669	5.44	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.80%

Target Compounds

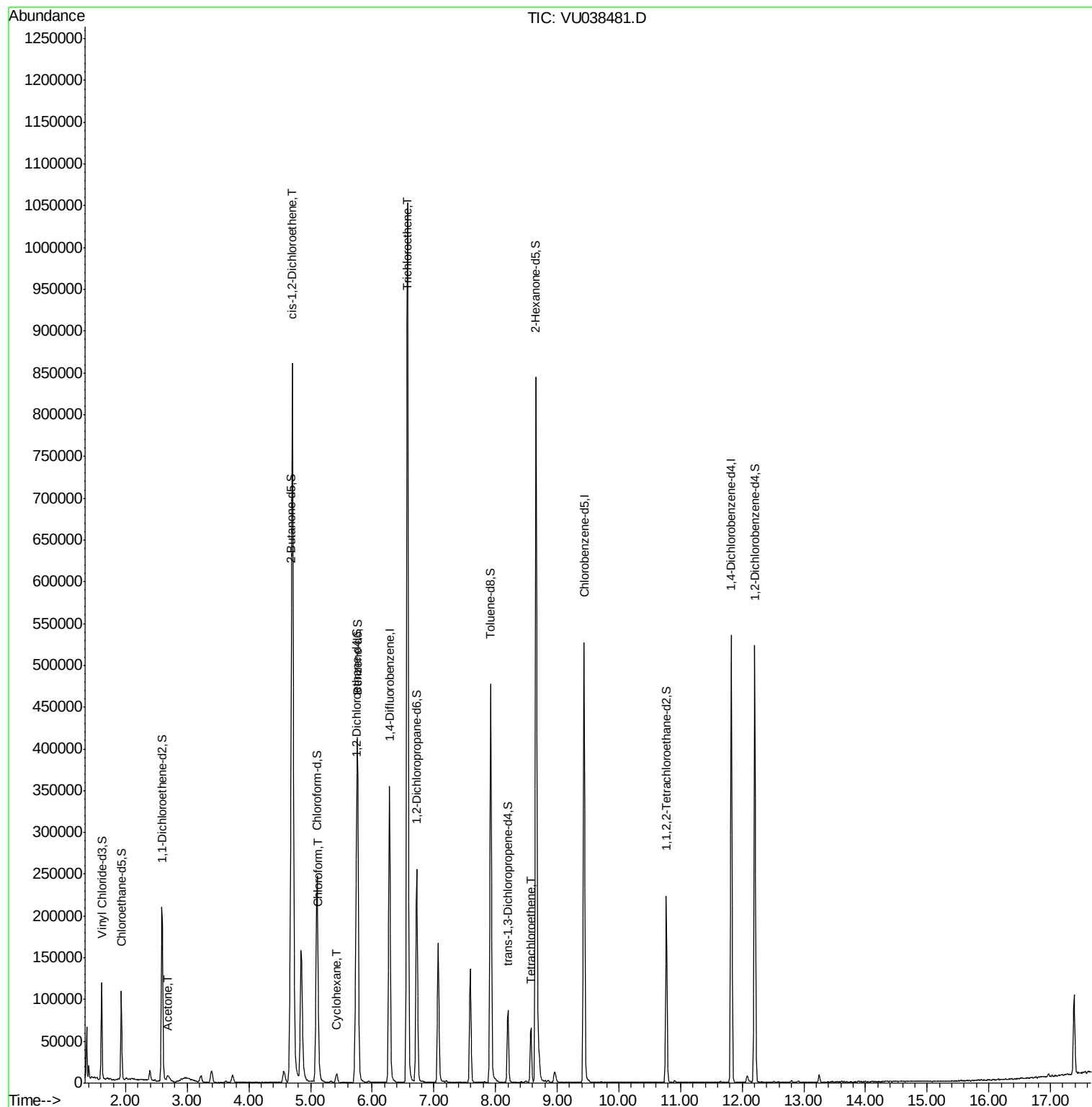
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.68	43	17641	4.675	ug/L	65
22) cis-1,2-Dichloroethene	4.71	96	382745	18.264	ug/L	96
25) Chloroform	5.13	83	17968	0.508	ug/L	100
30) Cyclohexane	5.43	56	5669	0.174	ug/L	93
34) Trichloroethene	6.57	95	361899	17.069	ug/L	97
47) Tetrachloroethene	8.57	164	14197	0.922	ug/L	96

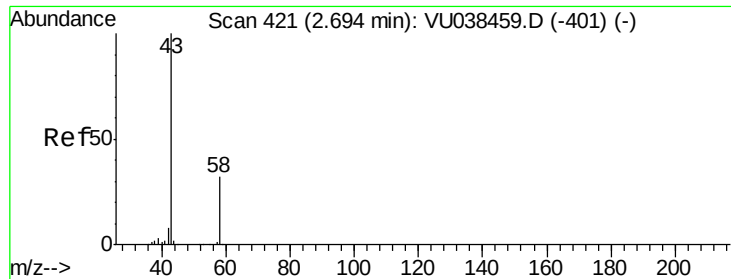
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.675 ug/L

RT: 2.68 min Scan# 418

Delta R.T. -0.01 min

Lab File: VU038481.D

Acq: 01 Jun 2020 19:09

Instrument :

MSVOA_U

ClientSampled :

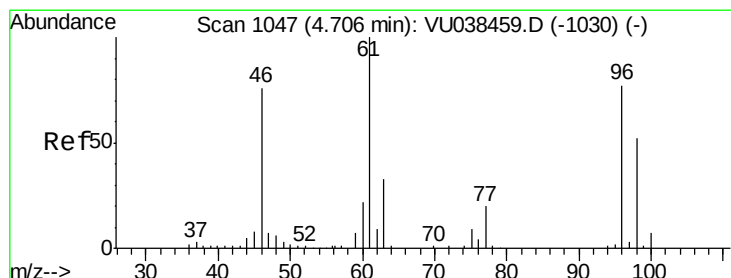
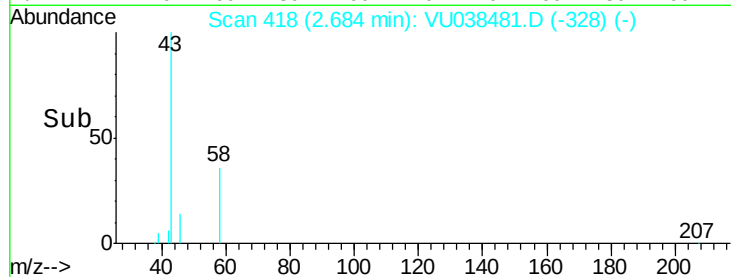
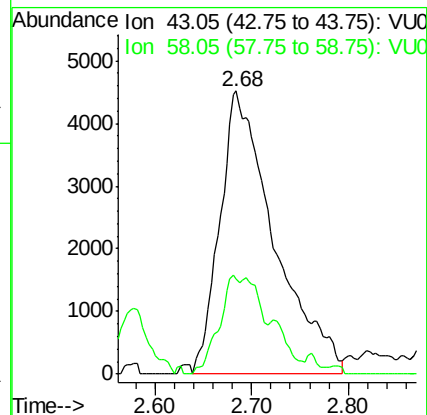
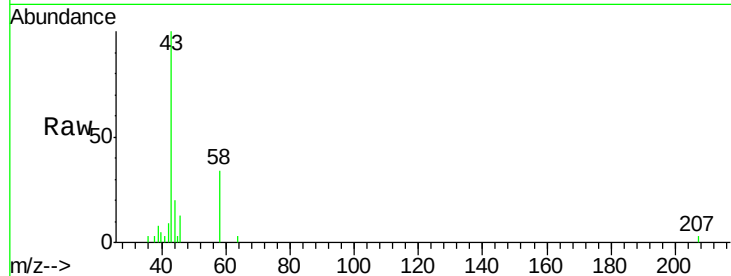
BFXA9

Tot Ion: 43 Resp: 17641

Ion Ratio Lower Upper

43 100

58 13.2 0.0 65.6



#22

cis-1,2-Dichloroethene

Concen: 18.264 ug/L

RT: 4.71 min Scan# 1047

Delta R.T. 0.00 min

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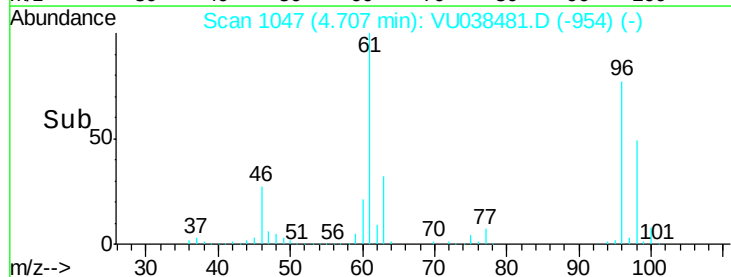
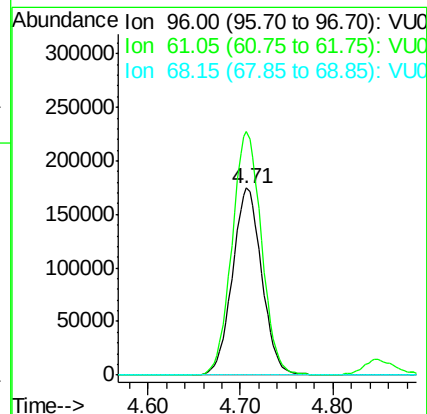
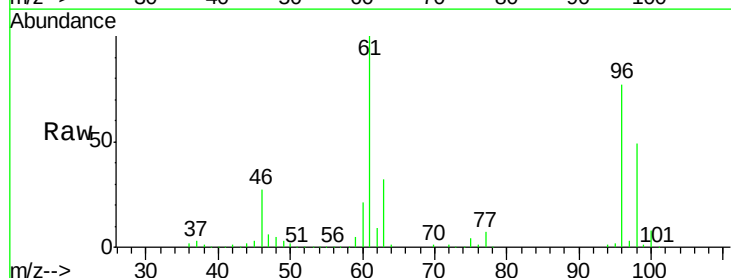
Tgt Ion: 96 Resp: 382745

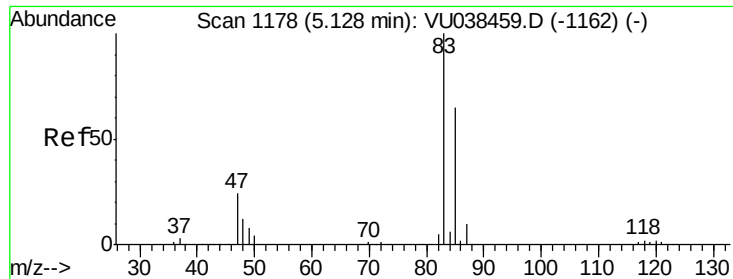
Ion Ratio Lower Upper

96 100

61 130.1 94.0 174.6

68 0.0 0.0 0.0

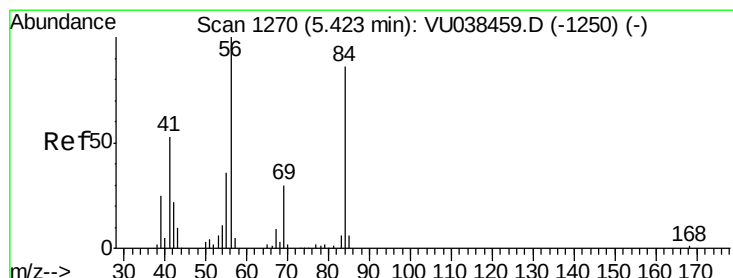
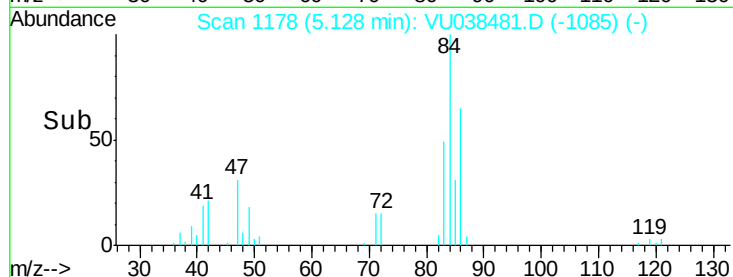
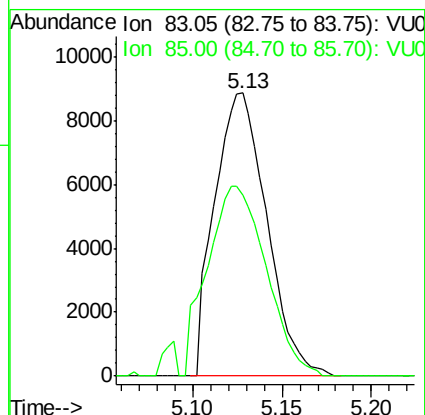
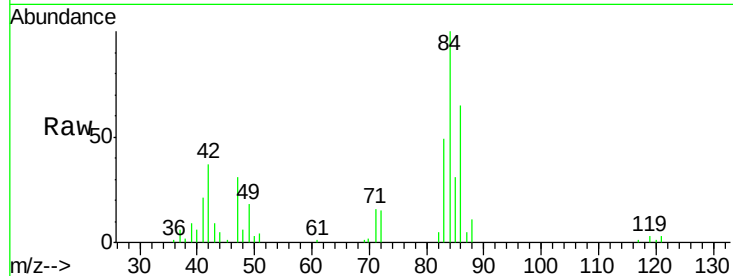




#25
Chloroform
Concen: 0.508 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VU038481.D
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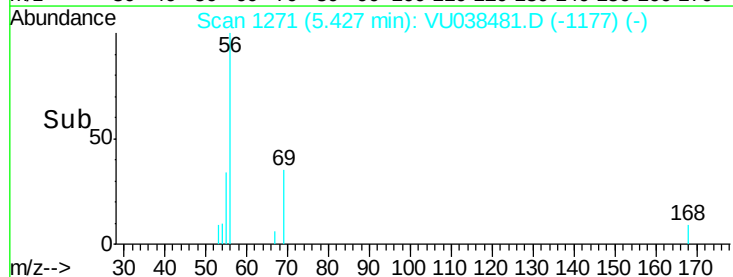
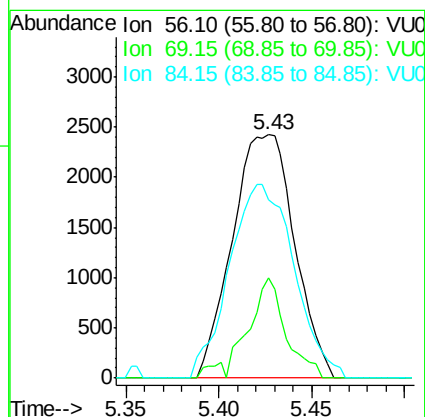
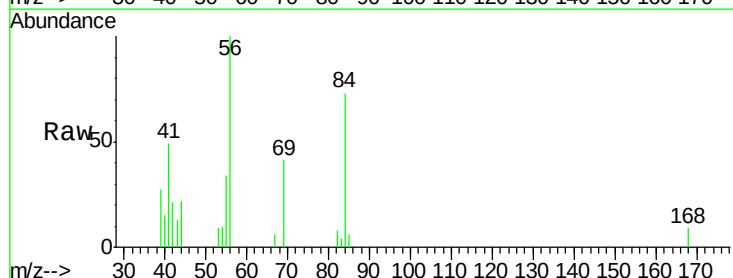
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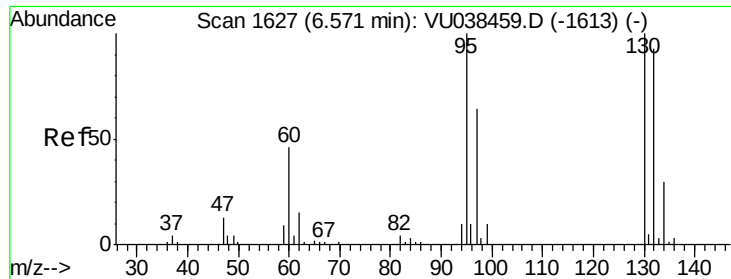
Tot Ion: 83 Resp: 17968
Ion Ratio Lower Upper
83 100
85 64.0 44.9 83.5



#30
Cyclohexane
Concen: 0.174 ug/L
RT: 5.43 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VU038481.D
Acq: 01 Jun 2020 19:09

Tgt Ion: 56 Resp: 5669
Ion Ratio Lower Upper
56 100
69 24.5 24.2 36.4
84 82.8 70.8 106.2

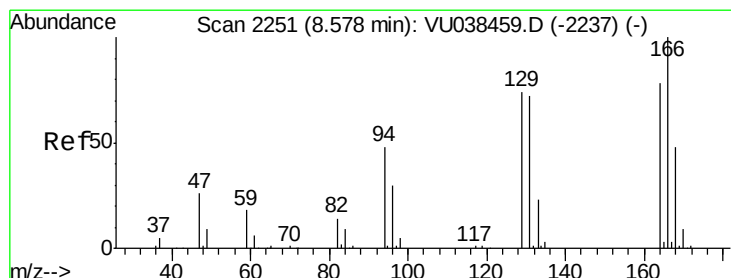
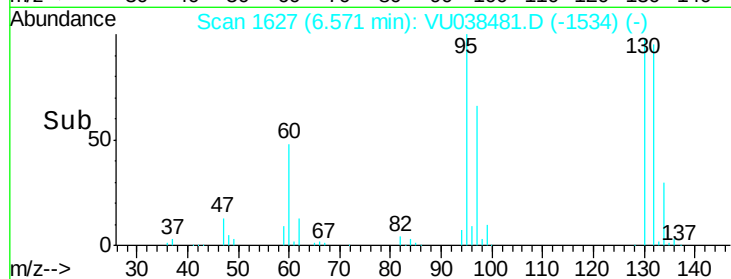
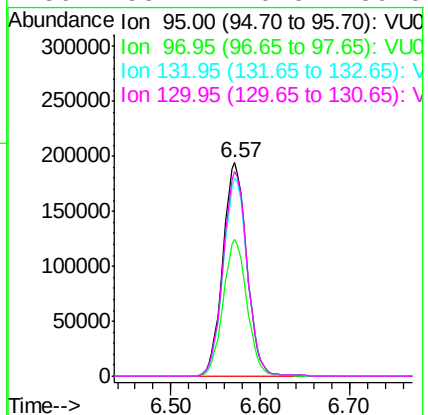
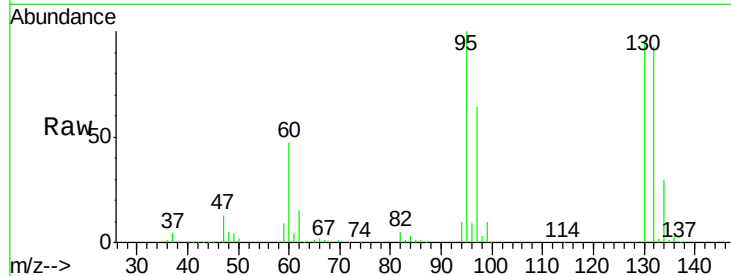




#34
 Trichloroethene
 Concen: 17.069 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VU038481.D
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Tot Ion:	95	Resp:	361899
Ion	Ratio	Lower	Upper
95	100		
97	64.2	46.8	87.0
132	92.8	66.1	122.7
130	95.7	70.0	130.0



#47
 Tetrachloroethene
 Concen: 0.922 ug/L
 RT: 8.57 min Scan# 2249
 Delta R.T. -0.01 min
 Lab File: VU038481.D
 Acq: 01 Jun 2020 19:09

Tgt Ion:	164	Resp:	14197
Ion	Ratio	Lower	Upper
164	100		
129	97.9	67.4	125.2
131	88.8	64.1	119.1
166	114.8	85.7	159.1

