

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041420\
 Data File : VU037711.D
 Acq On : 14 Apr 2020 20:41
 Operator : JC/MD
 Sample : L2275-11
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YAQC9

Quant Time: Apr 15 04:19:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 15 03:02:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	283905	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	271615	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	131098	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	113771	5.29	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.80%
7) Chloroethane-d5	1.93	69	93814	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.40%
11) 1,1-Dichloroethene-d2	2.59	63	145959	3.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.40%
20) 2-Butanone-d5	4.66	46	315540	53.48	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.96%
24) Chloroform-d	5.10	84	176409	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
26) 1,2-Dichloroethane-d4	5.74	65	103200	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
32) Benzene-d6	5.76	84	386547	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.00%
36) 1,2-Dichloropropane-d6	6.72	67	127084	5.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.40%
41) Toluene-d8	7.92	98	348555	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
43) trans-1,3-Dichloropropene-	8.20	79	52044	4.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.00%
46) 2-Hexanone-d5	8.65	63	288380	52.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.02%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	97246	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	124568	5.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.60%

Target Compounds

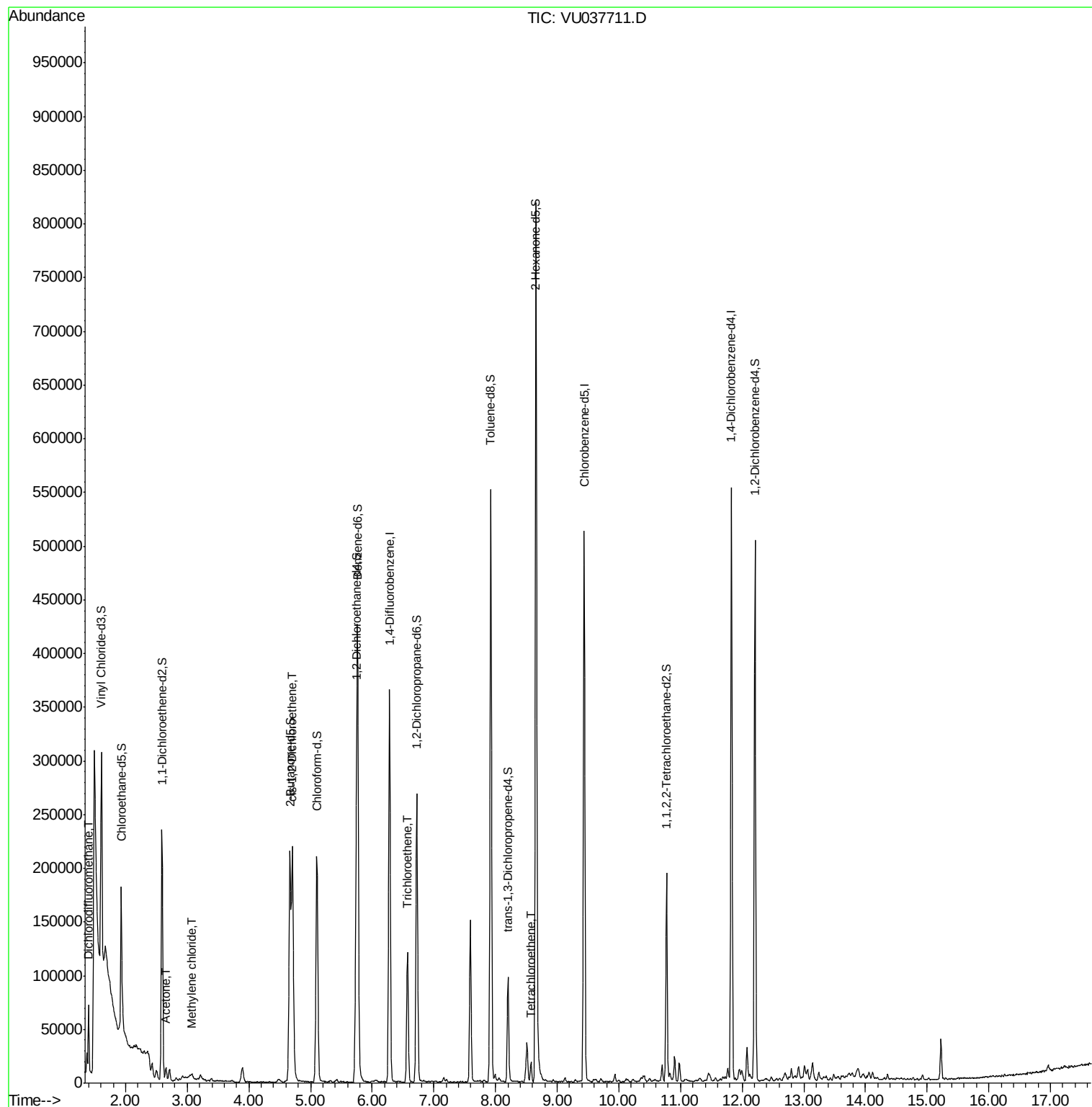
					Ovalue
2) Dichlorodifluoromethane	1.39	85	27824	1.130 ug/L	98
13) Acetone	2.66	43	13171	3.386 ug/L	99
16) Methylene chloride	3.08	84	1791	0.081 ug/L	78
22) cis-1,2-Dichloroethene	4.71	96	98374	4.286 ug/L	100
34) Trichloroethene	6.57	95	41373	1.876 ug/L	93
47) Tetrachloroethene	8.57	164	3754	0.237 ug/L	94

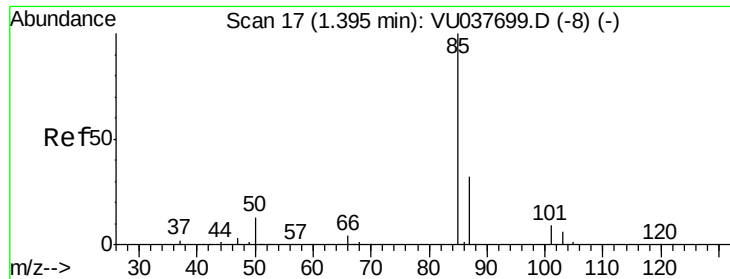
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 1.130 ug/L

RT: 1.39 min Scan# 17

Delta R.T. -0.00 min

Lab File: VU037711.D

Acq: 14 Apr 2020 20:41

Instrument :

MSVOA_U

ClientSampleId :

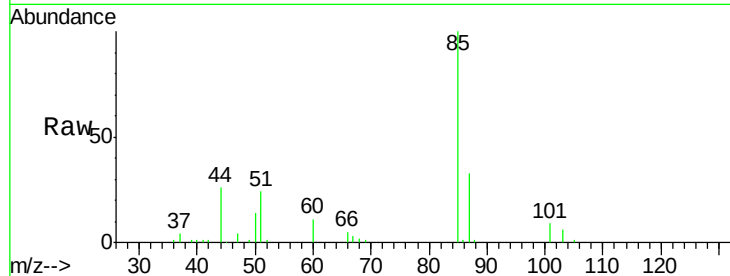
YAQC9

Tot Ion: 85 Resp: 27824

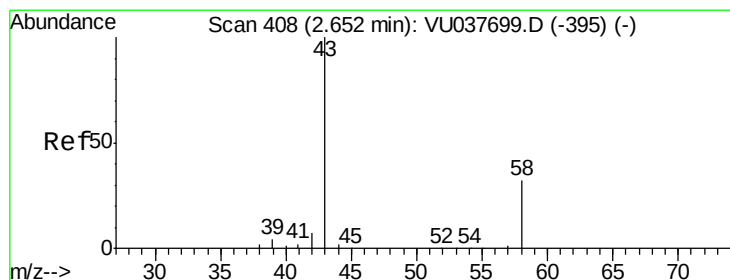
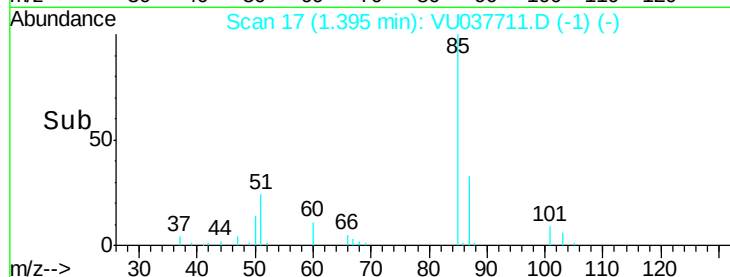
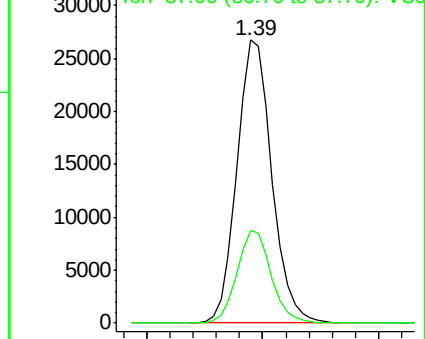
Ion Ratio Lower Upper

85 100

87 31.9 26.2 39.4



Abundance Ion 85.00 (84.70 to 85.70): VU037711.D (-1) (-)



#13

Acetone

Concen: 3.386 ug/L

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU037711.D

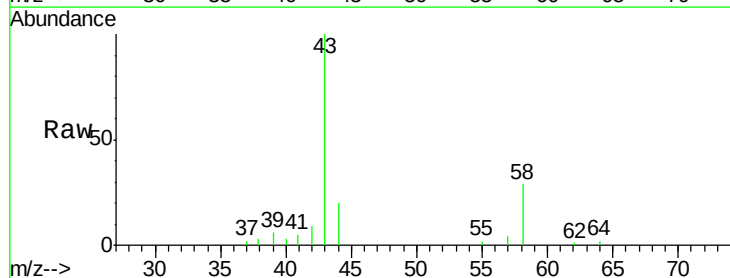
Acq: 14 Apr 2020 20:41

Tgt Ion: 43 Resp: 13171

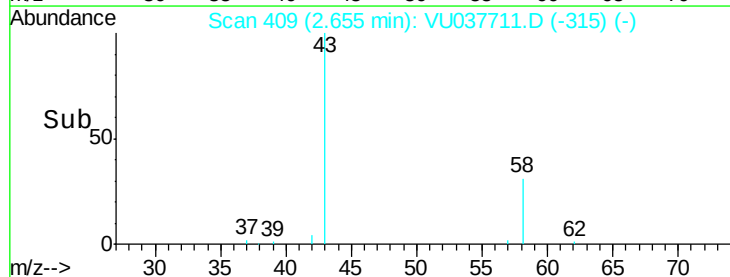
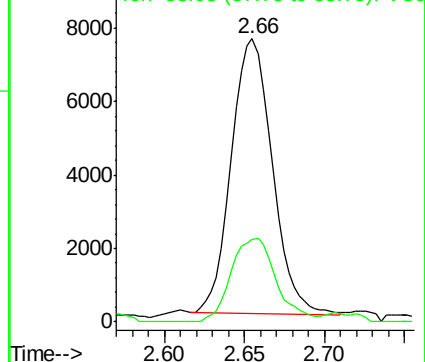
Ion Ratio Lower Upper

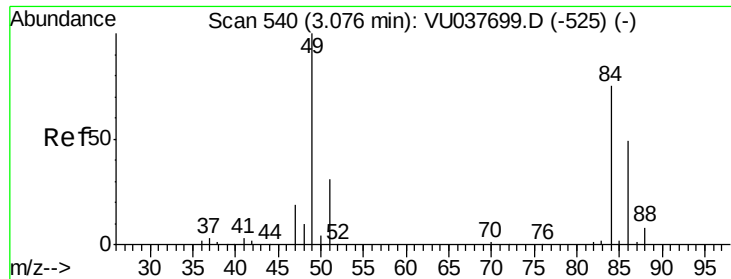
43 100

58 33.2 0.0 64.8



Abundance Ion 43.05 (42.75 to 43.75): VU037711.D (-315) (-)

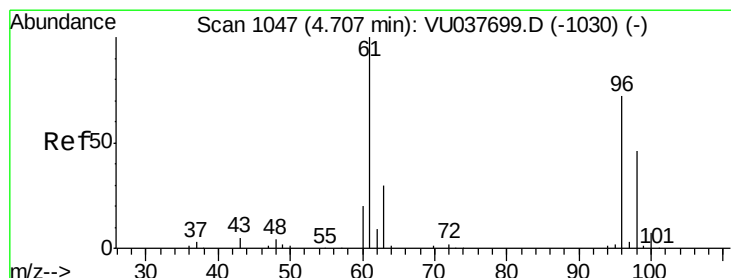
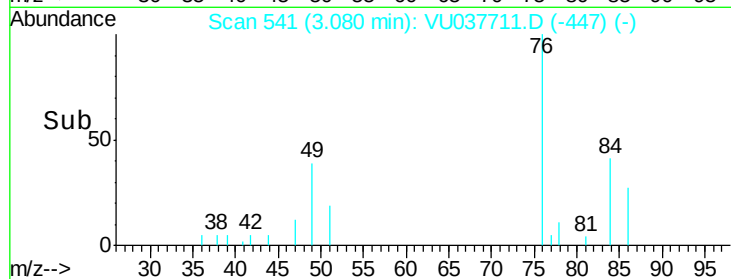
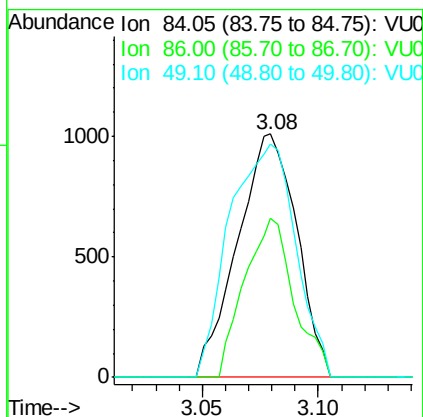
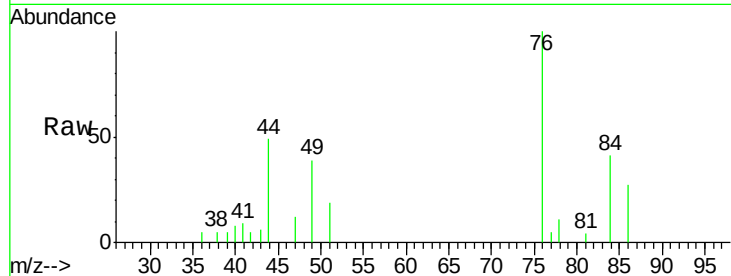




#16
Methylene chloride
Concen: 0.081 ug/L
RT: 3.08 min Scan# 541
Delta R.T. 0.00 min
Lab File: VU037711.D
Acq: 14 Apr 2020 20:41

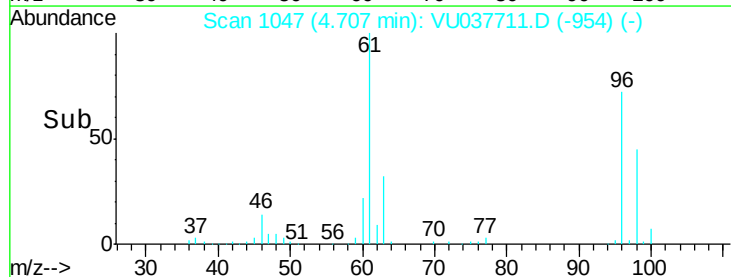
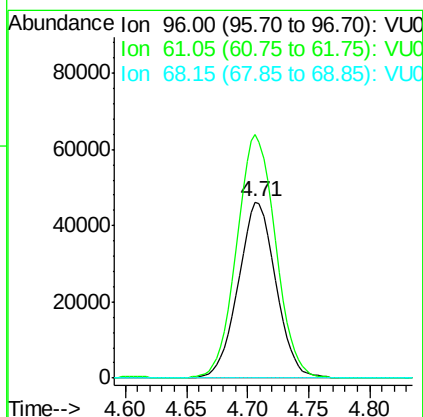
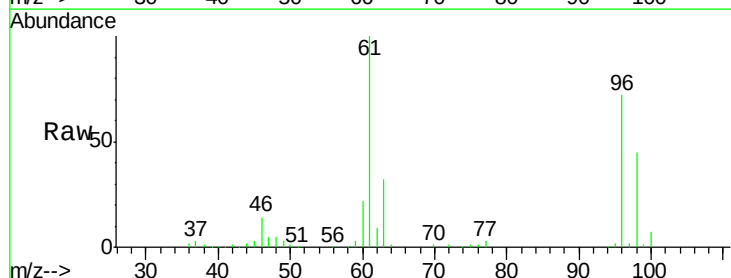
Instrument :
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ClientSampled :
YAQC9

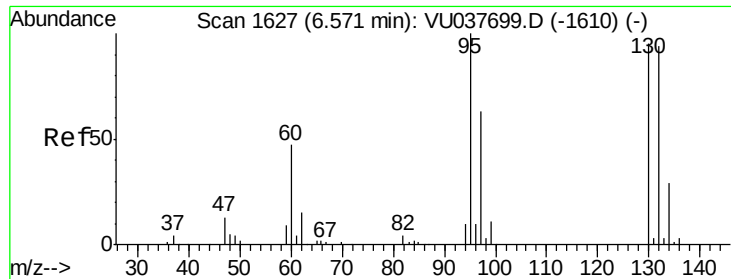
Tot Ion: 84 Resp: 1791
Ion Ratio Lower Upper
84 100
86 65.2 44.2 82.0
49 95.6 92.4 171.6



#22
cis-1,2-Dichloroethene
Concen: 4.286 ug/L
RT: 4.71 min Scan# 1047
Delta R.T. -0.00 min
Lab File: VU037711.D
Acq: 14 Apr 2020 20:41

Tgt Ion: 96 Resp: 98374
Ion Ratio Lower Upper
96 100
61 138.1 97.0 180.2
68 0.0 0.0 0.0

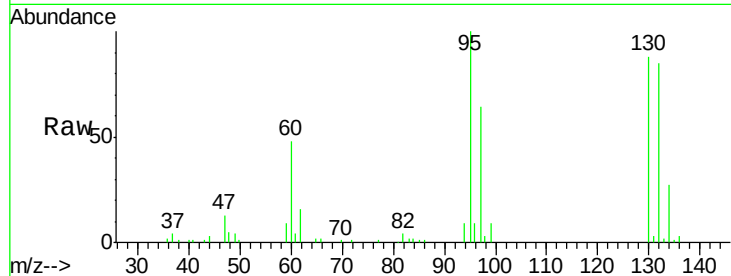




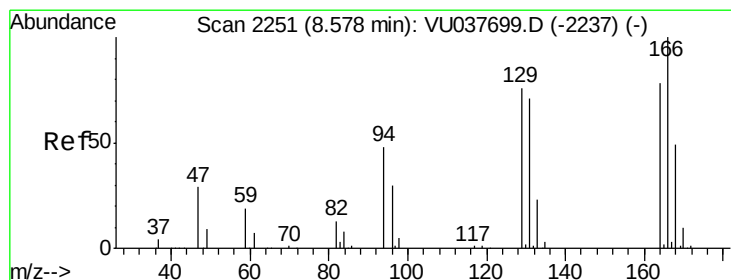
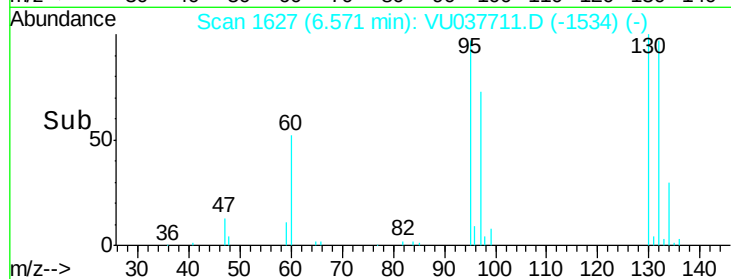
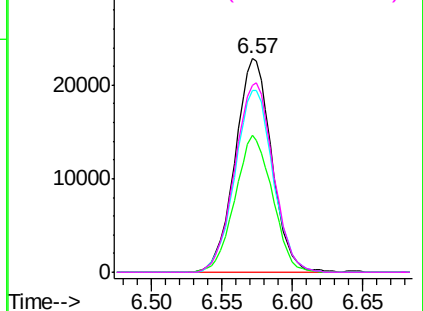
#34
 Trichloroethene
 Concen: 1.876 ug/L
 RT: 6.57 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VU037711.D
 Acq: 14 Apr 2020 20:41

Instrument :
 MSVOA_U
 ClientSampleId :
 YAQC9

Tot Ion: 95 Resp: 41373
 Ion Ratio Lower Upper
 95 100
 97 64.0 45.4 84.2
 132 85.0 63.7 118.3
 130 87.6 68.7 127.5

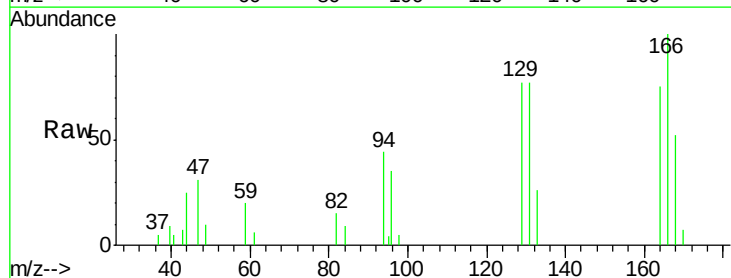


Abundance Ion 95.00 (94.70 to 95.70): VU037711.D (-1534) (-)
 Ion 96.95 (96.65 to 97.65): VU037711.D (-1534) (-)
 Ion 131.95 (131.65 to 132.65): VU037711.D (-1534) (-)
 Ion 129.95 (129.65 to 130.65): VU037711.D (-1534) (-)



#47
 Tetrachloroethene
 Concen: 0.237 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. -0.00 min
 Lab File: VU037711.D
 Acq: 14 Apr 2020 20:41

Tgt Ion: 164 Resp: 3754
 Ion Ratio Lower Upper
 164 100
 129 101.8 68.1 126.5
 131 102.6 65.9 122.5
 166 133.0 89.7 166.7



Abundance Ion 163.90 (163.60 to 164.60): VU037711.D (-2158) (-)
 Ion 128.95 (128.65 to 129.65): VU037711.D (-2158) (-)
 Ion 130.95 (130.65 to 131.65): VU037711.D (-2158) (-)
 Ion 165.90 (165.60 to 166.60): VU037711.D (-2158) (-)

