

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050720\
 Data File : VU038050.D
 Acq On : 07 May 2020 19:41
 Operator : JC/MD
 Sample : L2527-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 08 01:55:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 08 01:51:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	366665	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	354919	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	166292	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	146806	4.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.60%
7) Chloroethane-d5	1.93	69	125091	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.20%
11) 1,1-Dichloroethene-d2	2.59	63	180127	3.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.20%
20) 2-Butanone-d5	4.66	46	302833	36.60	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.20%
24) Chloroform-d	5.10	84	193566	3.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.00%
26) 1,2-Dichloroethane-d4	5.74	65	127994	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
32) Benzene-d6	5.76	84	485998	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
36) 1,2-Dichloropropane-d6	6.72	67	154011	4.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.80%
41) Toluene-d8	7.92	98	433830	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
43) trans-1,3-Dichloropropene-	8.20	79	55307	4.02	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.40%
46) 2-Hexanone-d5	8.65	63	271666	41.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.68%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	112720	4.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	148727	4.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.00%

Target Compounds

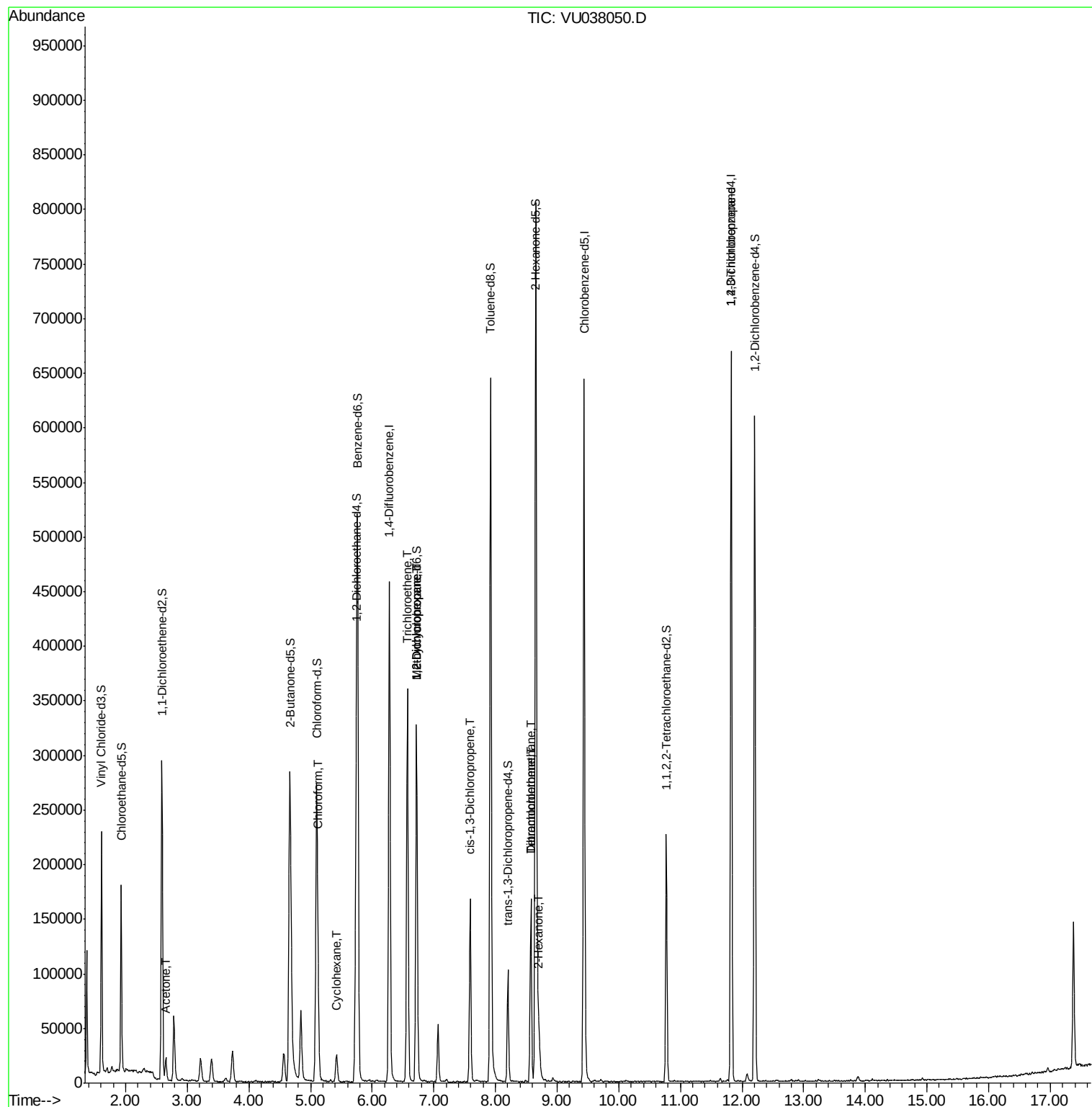
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.65	43	22248	4.285	ug/L	99
25) Chloroform	5.12	83	37061	0.732	ug/L	98
30) Cyclohexane	5.42	56	12009	0.250	ug/L	99
34) Trichloroethene	6.57	95	123438	4.342	ug/L	99
35) Methylcyclohexane	6.72	83	36082	0.784	ug/L #	16
37) 1,2-Dichloropropane	6.72	63	15696	0.508	ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3844	0.087	ug/L #	72
47) Tetrachloroethene	8.57	164	38095	1.916	ug/L	97
48) 2-Hexanone	8.71	43	28936	1.847	ug/L #	91
49) Dibromochloromethane	8.57	129	35962	1.616	ug/L #	10
59) 1,2,3-Trichloropropane	11.83	75	22893	1.105	ug/L	89

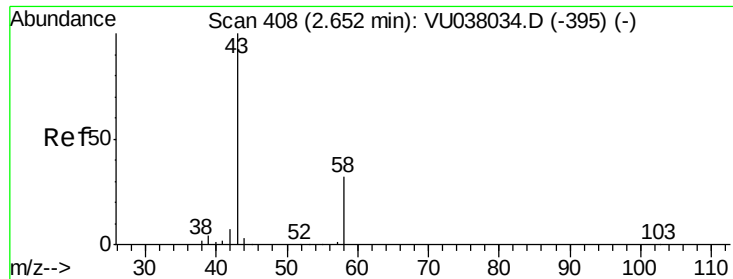
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 08 01:51:41 2020
Response via : Initial Calibration





#13

Acetone

Concen: 4.285 ug/L

RT: 2.65 min Scan# 408

Delta R.T. -0.00 min

Lab File: VU038050.D

Acq: 07 May 2020 19:41

Instrument :

MSVOA_U

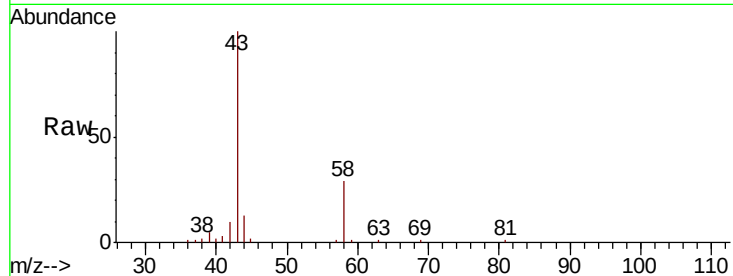
ClientSampled :

Tot Ion: 43 Resp: 22248

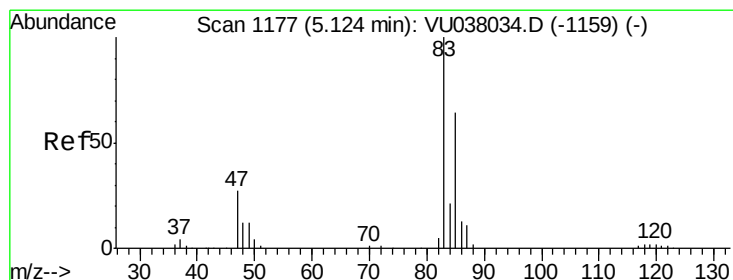
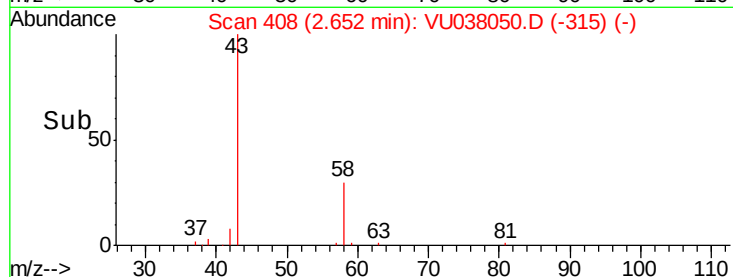
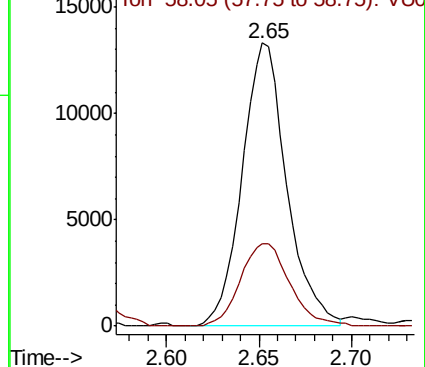
Ion Ratio Lower Upper

43 100

58 32.3 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VU038034.D (-395) (-)



#25

Chloroform

Concen: 0.732 ug/L

RT: 5.12 min Scan# 1177

Delta R.T. -0.00 min

Lab File: VU038050.D

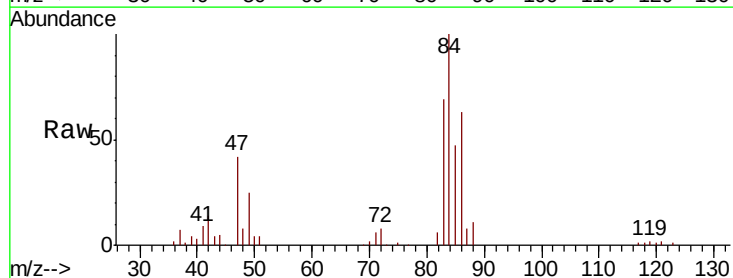
Acq: 07 May 2020 19:41

Tgt Ion: 83 Resp: 37061

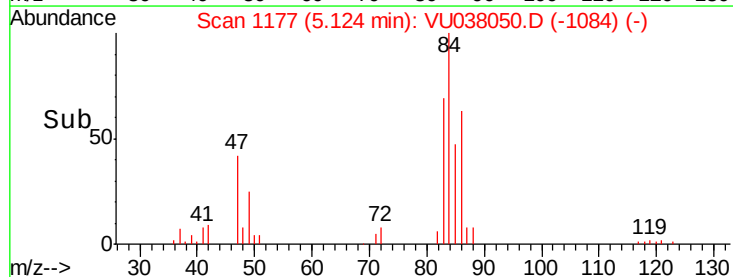
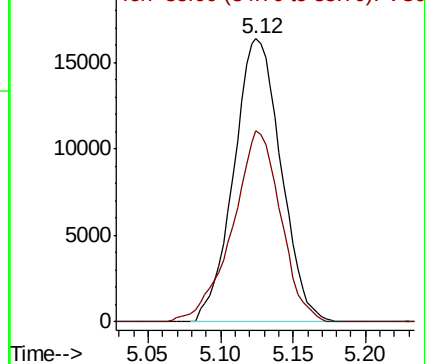
Ion Ratio Lower Upper

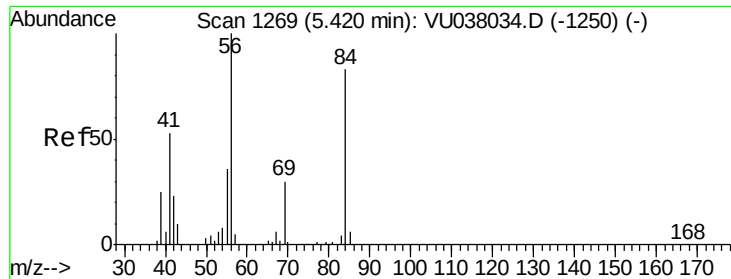
83 100

85 67.4 46.2 85.8



Abundance Ion 83.05 (82.75 to 83.75): VU038034.D (-1159) (-)

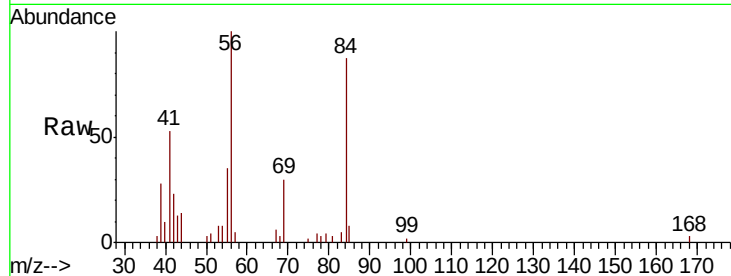




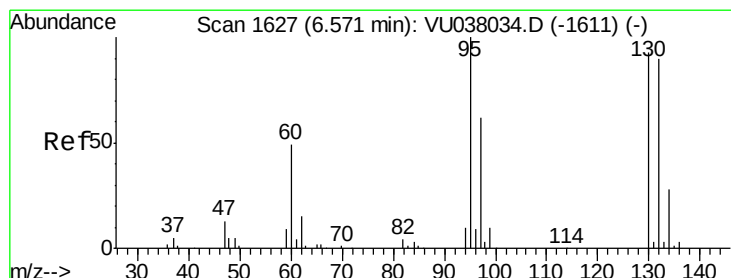
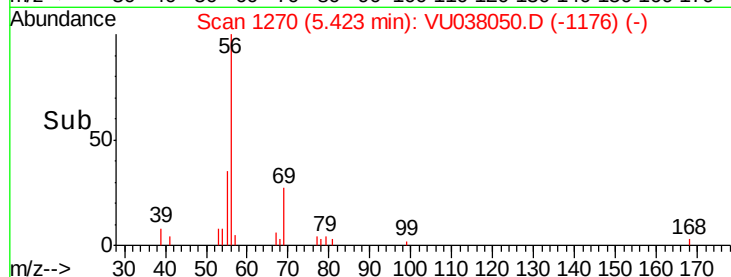
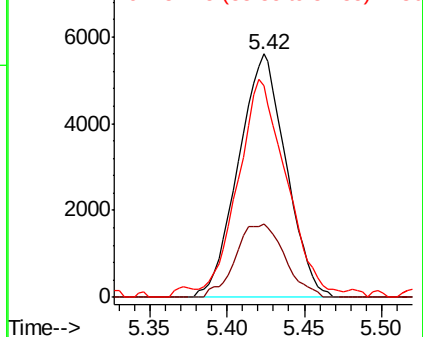
#30
Cyclohexane
Concen: 0.250 ug/L
RT: 5.42 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VU038050.D
Acq: 07 May 2020 19:41

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 56 Resp: 12009
Ion Ratio Lower Upper
56 100
69 30.9 24.2 36.4
84 84.7 68.5 102.7

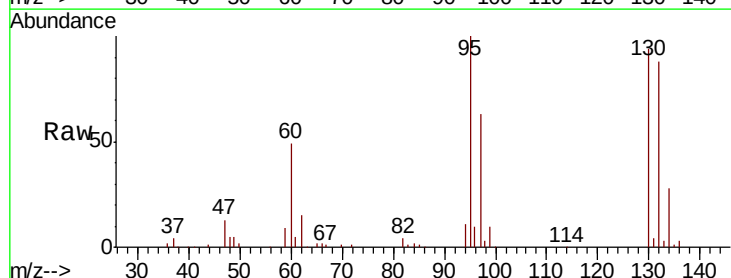


Abundance Ion 56.10 (55.80 to 56.80): VU0
Ion 69.15 (68.85 to 69.85): VU0
Ion 84.15 (83.85 to 84.85): VU0

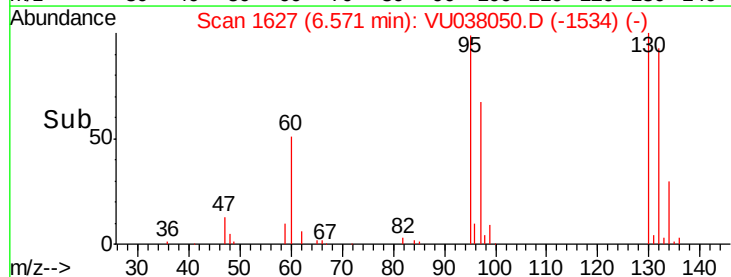
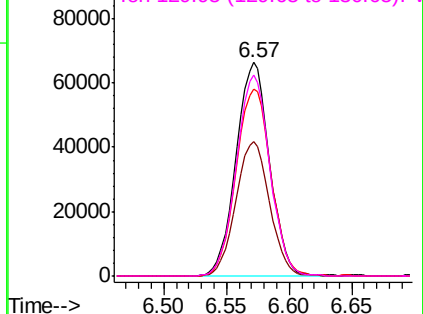


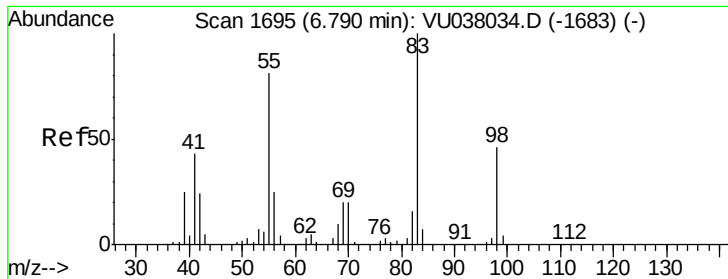
#34
Trichloroethene
Concen: 4.342 ug/L
RT: 6.57 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VU038050.D
Acq: 07 May 2020 19:41

Tgt Ion: 95 Resp: 123438
Ion Ratio Lower Upper
95 100
97 63.1 44.9 83.3
132 87.8 63.3 117.5
130 94.0 65.7 122.1



Abundance Ion 95.00 (94.70 to 95.70): VU0
Ion 96.95 (96.65 to 97.65): VU0
Ion 131.95 (131.65 to 132.65): V
Ion 129.95 (129.65 to 130.65): V





#35

Methylvlcyclohexane

Concen: 0.784 ug/L

RT: 6.72 min Scan# 1673

Delta R.T. -0.07 min

Lab File: VU038050.D

Acq: 07 May 2020 19:41

Instrument :

MSVOA_U

ClientSampleId :

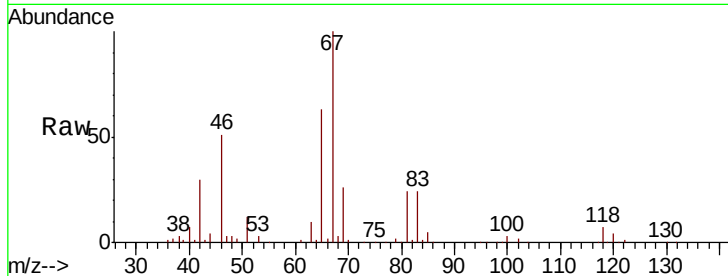
Tot Ion: 83 Resp: 36082

Ion Ratio Lower Upper

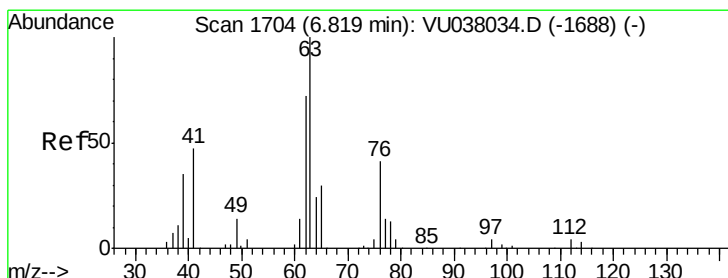
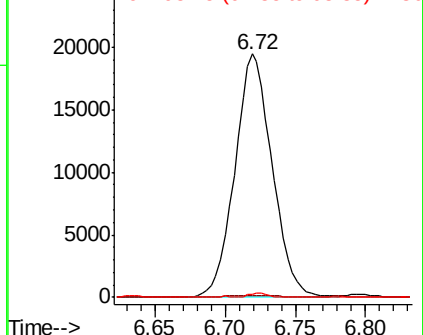
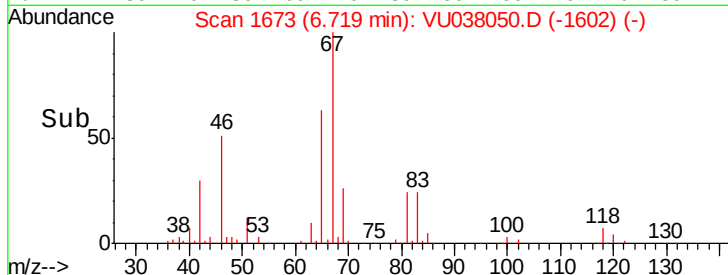
83 100

55 0.5 66.7 100.1#

98 0.8 39.4 59.2#



Abundance Ion 83.15 (82.85 to 83.85): VU038050.D (-1602) (-)



#37

1,2-Dichloropropane

Concen: 0.508 ug/L

RT: 6.72 min Scan# 1674

Delta R.T. -0.10 min

Lab File: VU038050.D

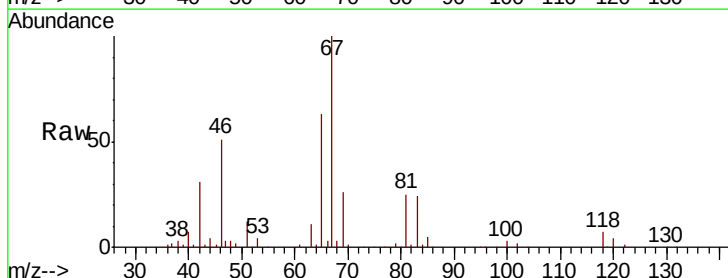
Acq: 07 May 2020 19:41

Tgt Ion: 63 Resp: 15696

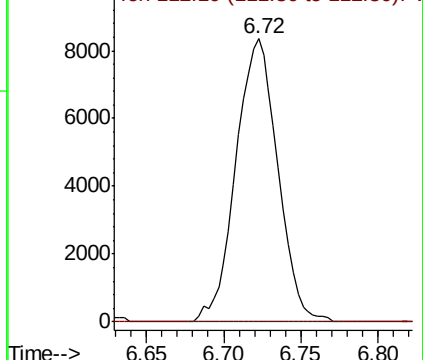
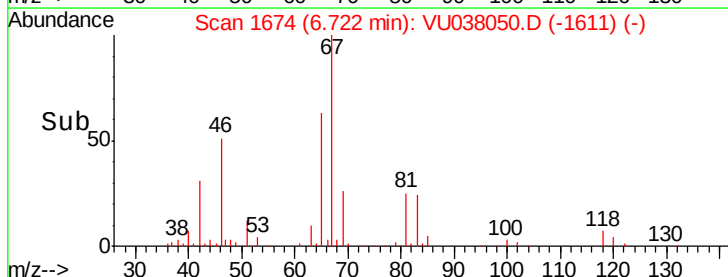
Ion Ratio Lower Upper

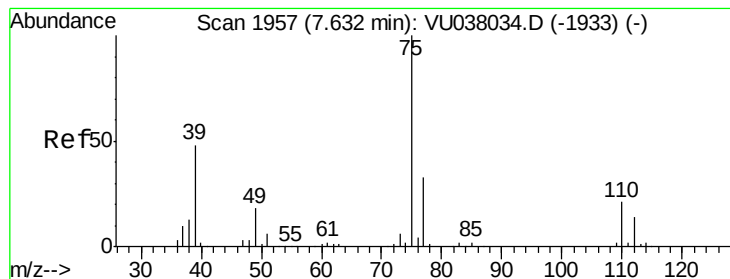
63 100

112 0.0 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VU038050.D (-1611) (-)



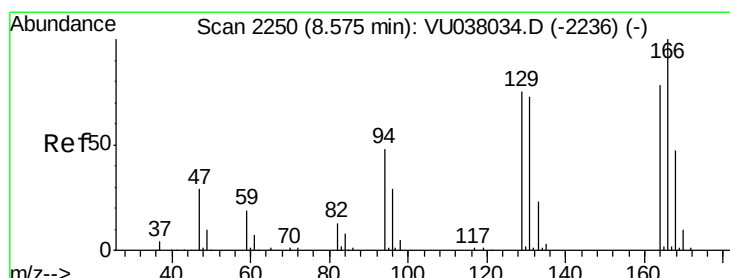
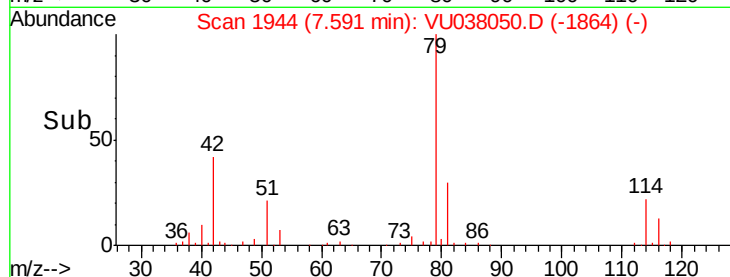
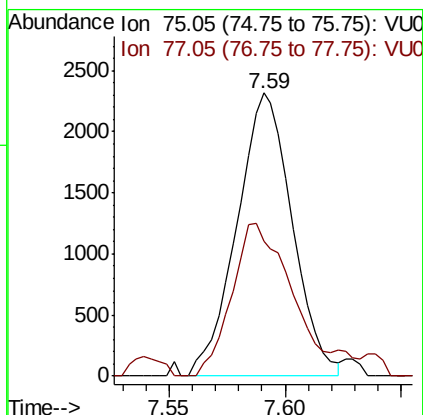
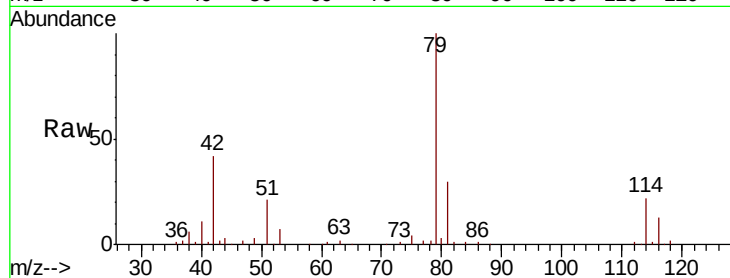


#39

cis-1,3-Dichloropropene
 Concen: 0.087 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038050.D
 Acq: 07 May 2020 19:41

Instrument :
 MSVOA_U
 ClientSampled :

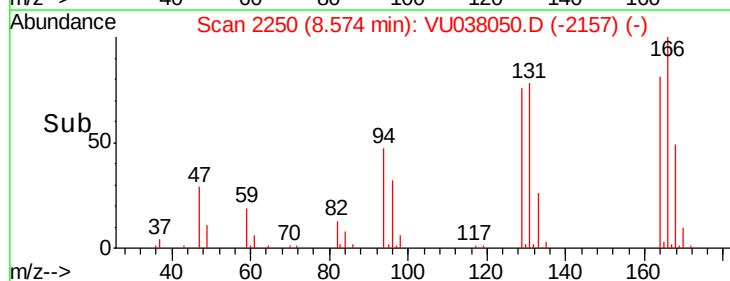
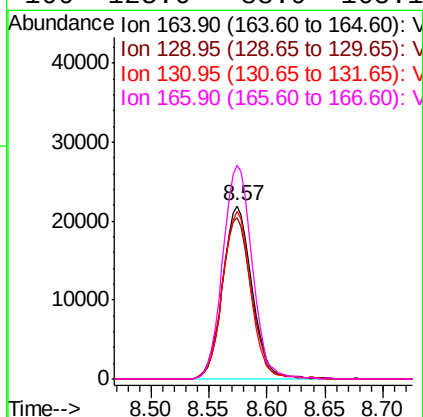
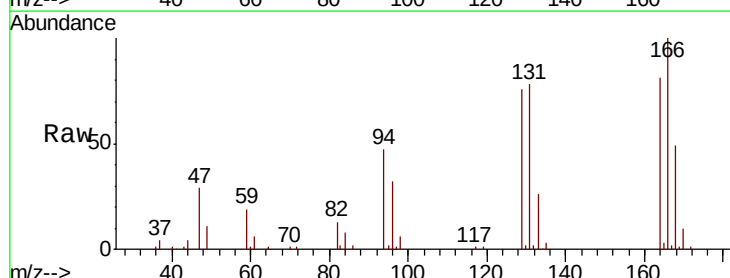
Tot Ion: 75 Resp: 3844
 Ion Ratio Lower Upper
 75 100
 77 47.6 22.4 41.6#

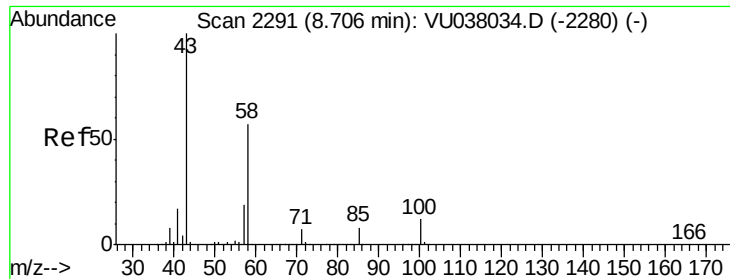


#47

Tetrachloroethene
 Concen: 1.916 ug/L
 RT: 8.57 min Scan# 2250
 Delta R.T. -0.00 min
 Lab File: VU038050.D
 Acq: 07 May 2020 19:41

Tgt Ion:164 Resp: 38095
 Ion Ratio Lower Upper
 164 100
 129 93.6 68.8 127.8
 131 96.7 66.8 124.2
 166 123.6 88.9 165.1

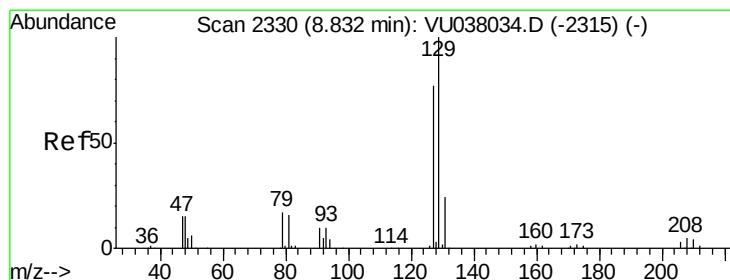
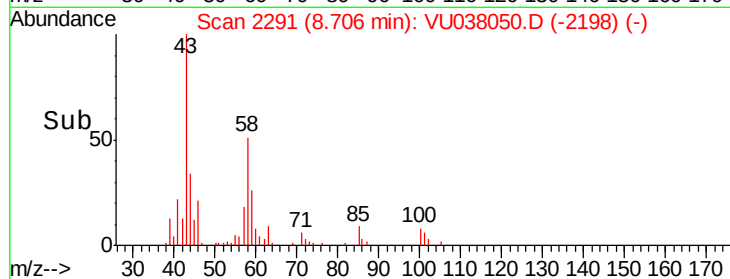
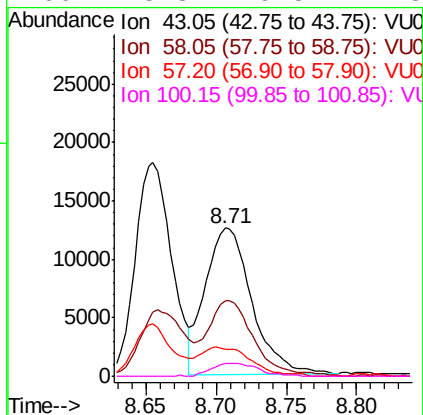
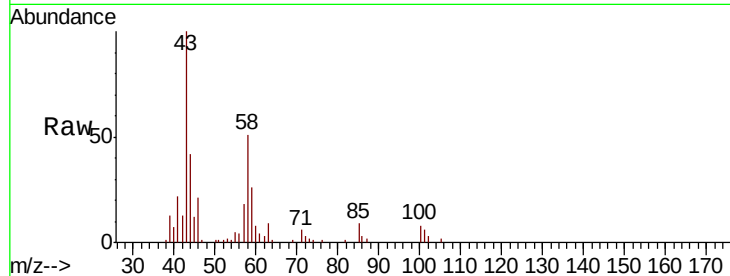




#48
2-Hexanone
Concen: 1.847 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. -0.00 min
Lab File: VU038050.D
Acq: 07 May 2020 19:41

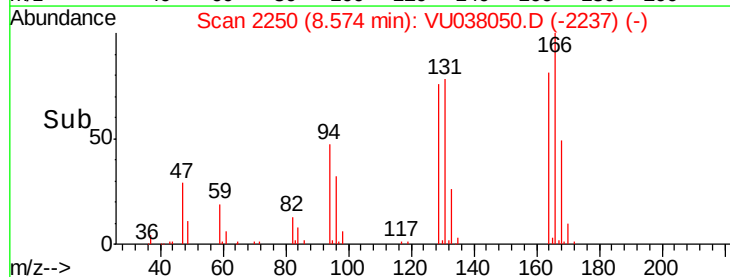
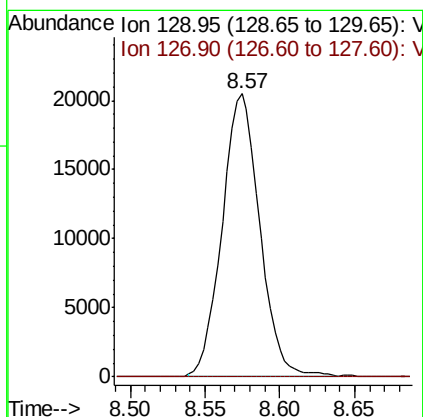
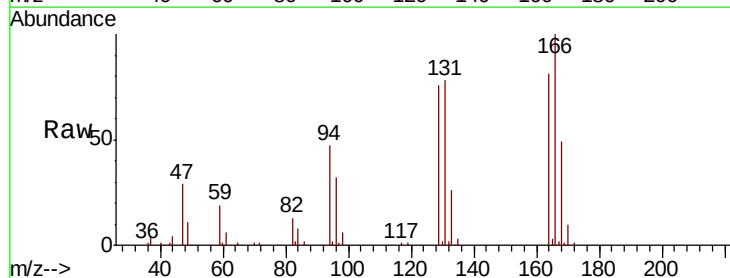
Instrument :
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ClientSampleId :

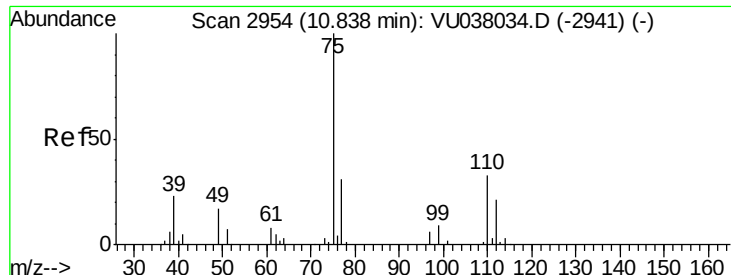
Tot Ion: 43 Resp: 28936
Ion Ratio Lower Upper
43 100
58 49.3 45.2 67.8
57 22.5 15.5 23.3
100 8.8 9.5 14.3#



#49
Dibromochloromethane
Concen: 1.616 ug/L
RT: 8.57 min Scan# 2250
Delta R.T. -0.26 min
Lab File: VU038050.D
Acq: 07 May 2020 19:41

Tgt Ion: 129 Resp: 35962
Ion Ratio Lower Upper
129 100
127 0.0 55.6 103.4#

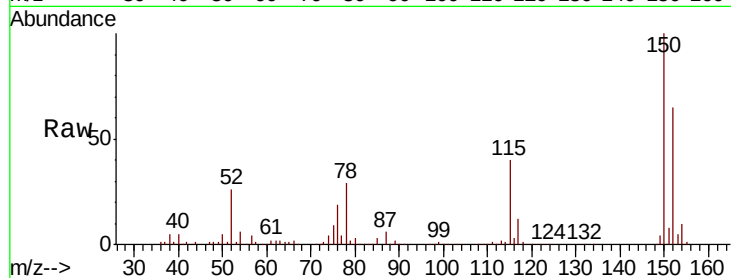




#59
 1,2,3-Trichloropropane
 Concen: 1.105 ug/L
 RT: 11.83 min Scan# 3261
 Delta R.T. 0.99 min
 Lab File: VU038050.D
 Acq: 07 May 2020 19:41

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 75 Resp: 22893
 Ion Ratio Lower Upper
 75 100
 77 37.6 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0

