

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051420\
 Data File : VU038175.D
 Acq On : 14 May 2020 17:28
 Operator : JC/MD
 Sample : L2631-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 15 01:09:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 15 01:05:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	329487	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	328352	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	155232	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	105595	3.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.00%
7) Chloroethane-d5	1.93	69	104824	4.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.40%
11) 1,1-Dichloroethene-d2	2.59	63	143066	2.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.80%#
20) 2-Butanone-d5	4.66	46	428018	57.56	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.12%
24) Chloroform-d	5.10	84	211536	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
26) 1,2-Dichloroethane-d4	5.74	65	128325	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.76	84	446433	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
36) 1,2-Dichloropropane-d6	6.72	67	147773	4.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.00%
41) Toluene-d8	7.92	98	380161	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
43) trans-1,3-Dichloropropene-	8.20	79	51993	4.09	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.80%
46) 2-Hexanone-d5	8.65	63	348234	57.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.94%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	126950	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	144435	4.78	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.60%

Target Compounds

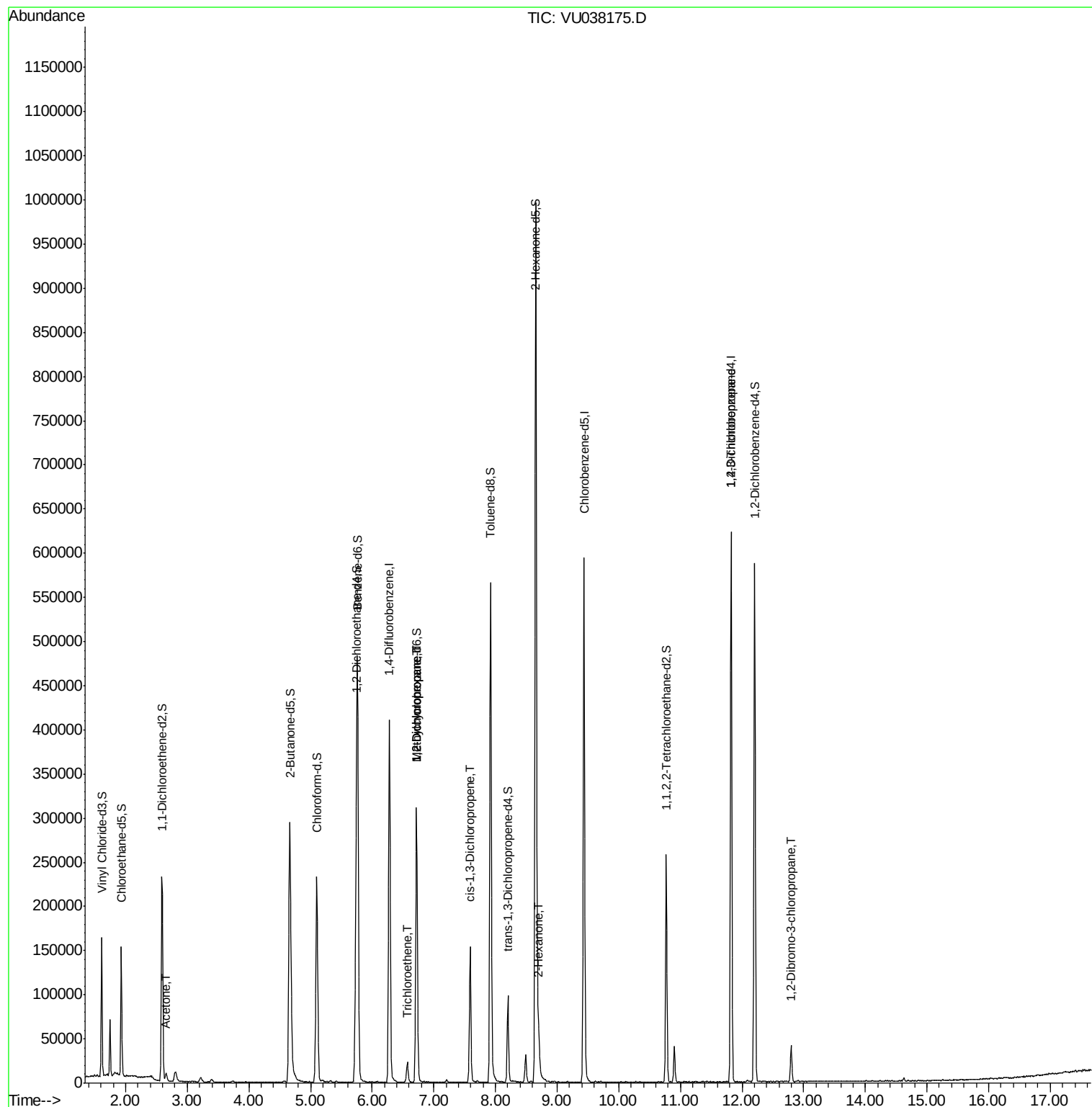
					Ovalue
13) Acetone	2.65	43	11538	2.473 ug/L	97
34) Trichloroethene	6.57	95	6605	0.251 ug/L	92
35) Methylcyclohexane	6.72	83	32669	0.767 ug/L #	16
37) 1,2-Dichloropropane	6.72	63	16732	0.586 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3408	0.083 ug/L #	55
48) 2-Hexanone	8.71	43	25034	1.727 ug/L #	94
59) 1,2,3-Trichloropropane	11.82	75	21244	1.108 ug/L	89
66) 1,2-Dibromo-3-chloropropan	12.80	75	1632	0.411 ug/L #	19

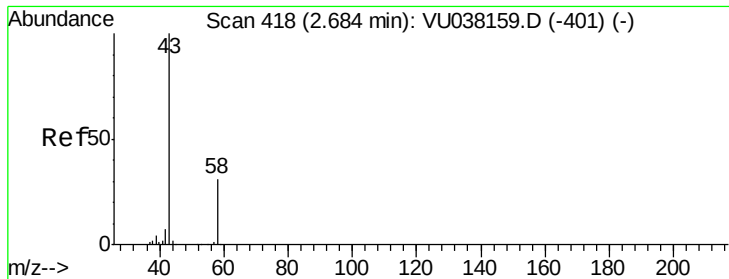
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.473 ug/L

RT: 2.65 min Scan# 409

Delta R.T. -0.03 min

Lab File: VU038175.D

Acq: 14 May 2020 17:28

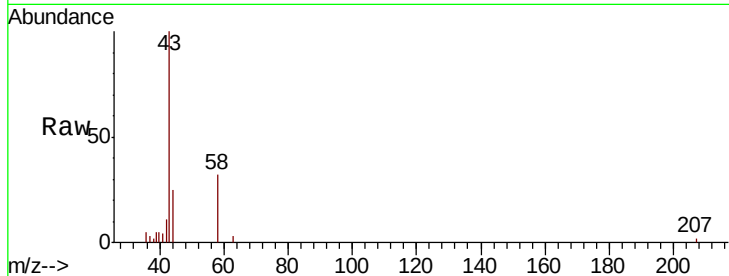
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 11538

Ion Ratio Lower Upper

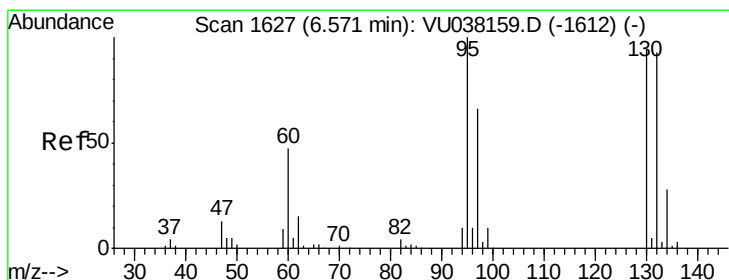
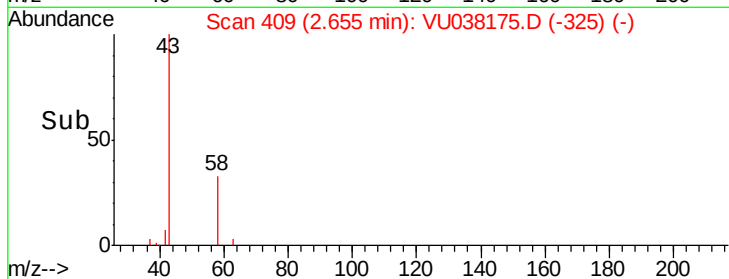
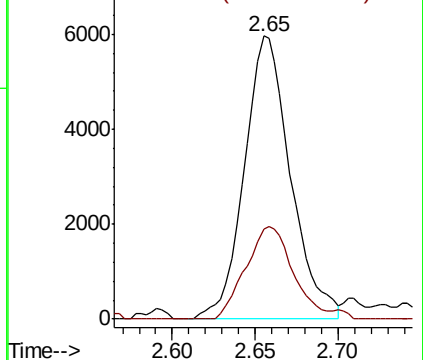
43 100

58 33.3 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VU038175.D (-401) (-)

Ion 58.05 (57.75 to 58.75): VU038175.D (-401) (-)



#34

Trichloroethene

Concen: 0.251 ug/L

RT: 6.57 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VU038175.D

Acq: 14 May 2020 17:28

Tgt Ion: 95 Resp: 6605

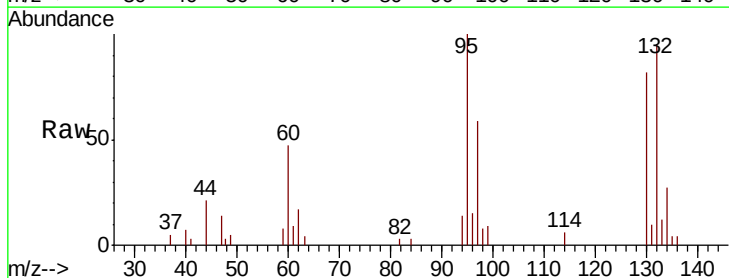
Ion Ratio Lower Upper

95 100

97 59.4 44.9 83.3

132 95.3 63.3 117.5

130 82.2 65.7 122.1

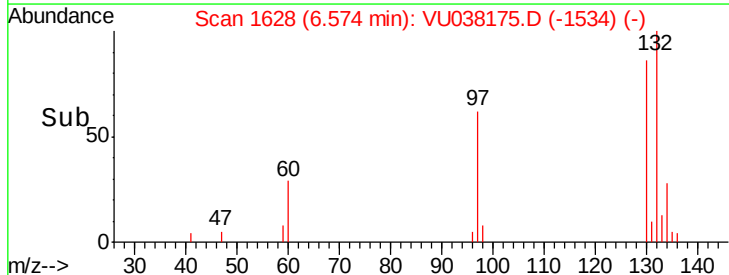
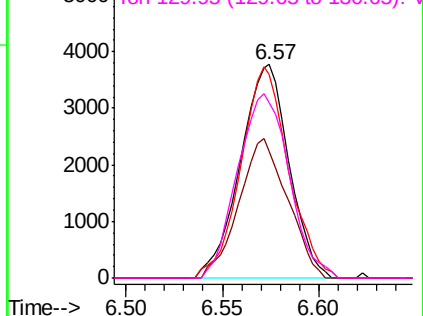


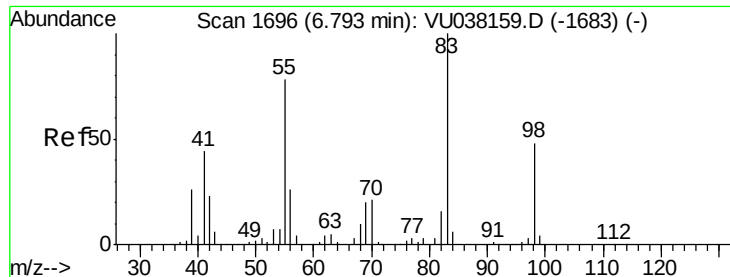
Abundance Ion 95.00 (94.70 to 95.70): VU038175.D (-1534) (-)

Ion 96.95 (96.65 to 97.65): VU038175.D (-1534) (-)

Ion 131.95 (131.65 to 132.65): VU038175.D (-1534) (-)

Ion 129.95 (129.65 to 130.65): VU038175.D (-1534) (-)

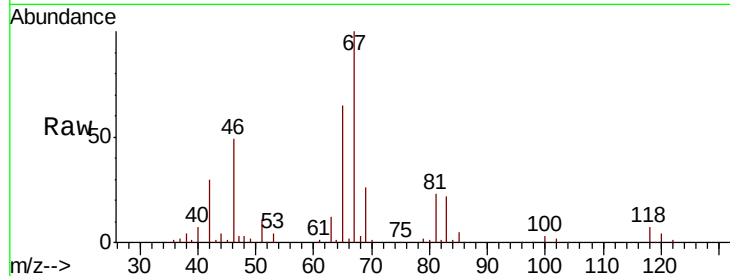




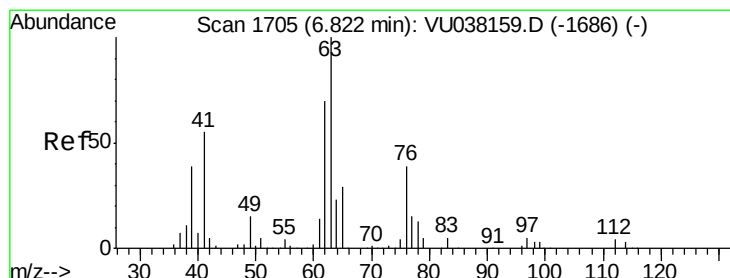
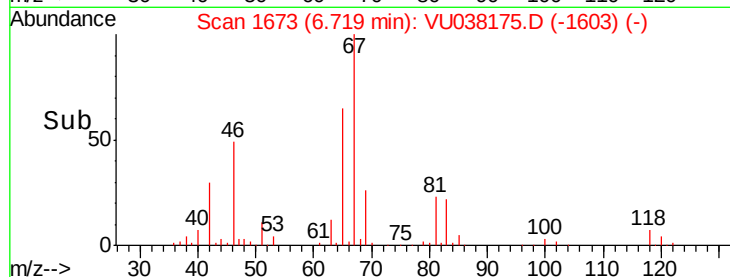
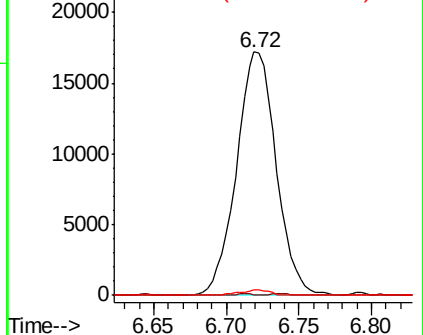
#35
Methylvlcyclohexane
Concen: 0.767 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038175.D
Acq: 14 May 2020 17:28

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 32669
Ion Ratio Lower Upper
83 100
55 0.2 66.7 100.1#
98 1.6 39.4 59.2#

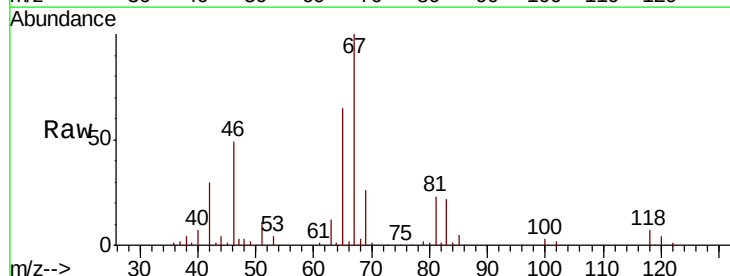


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

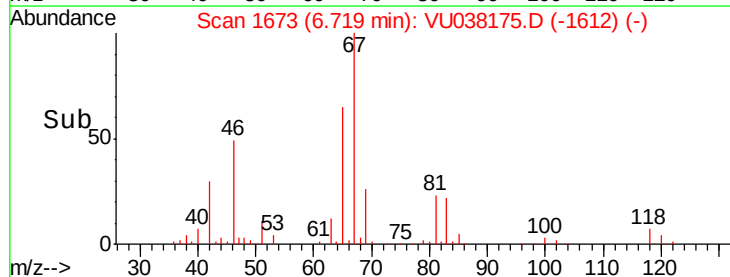
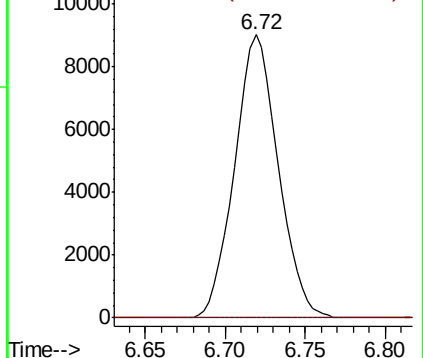


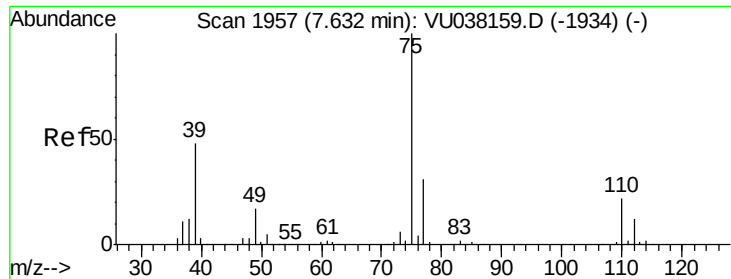
#37
1,2-Dichloropropane
Concen: 0.586 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU038175.D
Acq: 14 May 2020 17:28

Tgt Ion: 63 Resp: 16732
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

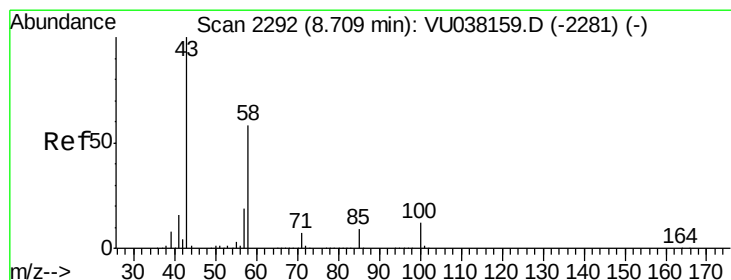
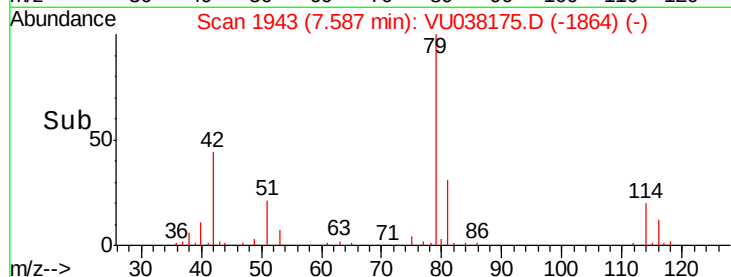
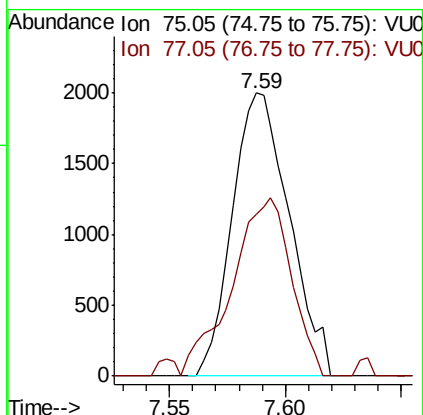
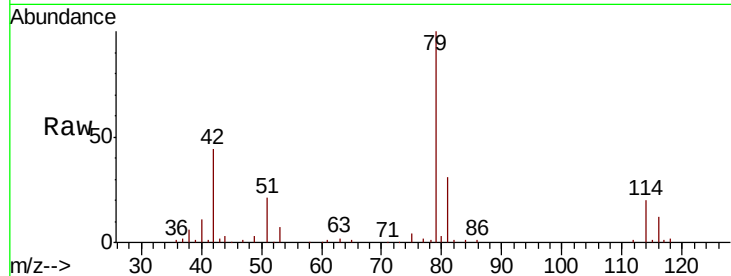




#39
 cis-1,3-Dichloropropene
 Concen: 0.083 ug/L
 RT: 7.59 min Scan# 1943
 Delta R.T. -0.05 min
 Lab File: VU038175.D
 Acq: 14 May 2020 17:28

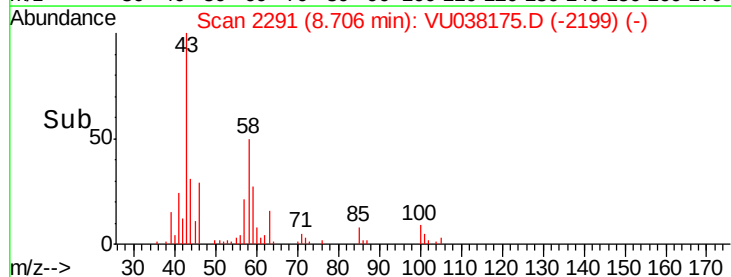
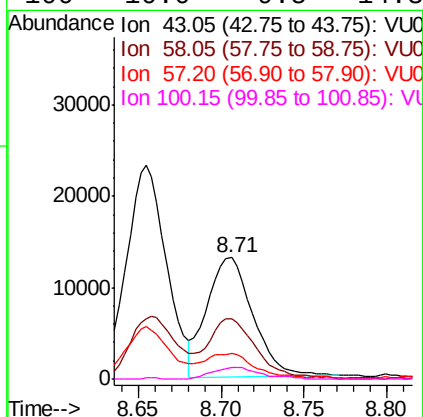
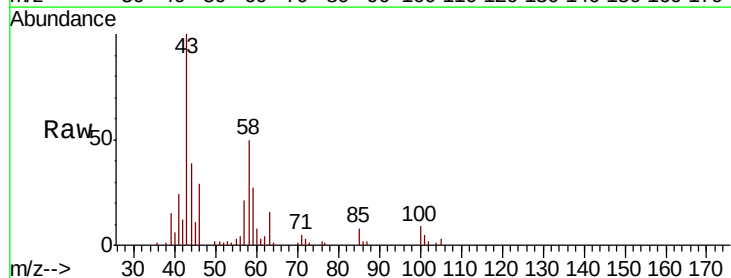
Instrument :
 MSVOA_U
 ClientSampleId :

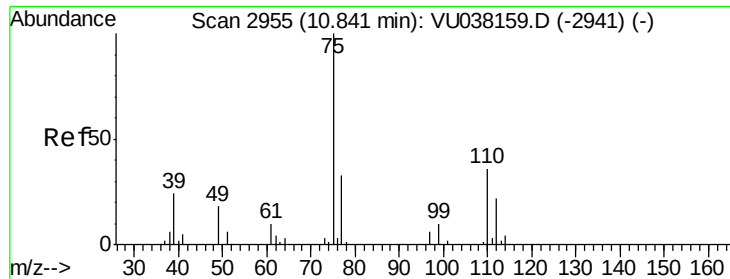
Tot Ion: 75 Resp: 3408
 Ion Ratio Lower Upper
 75 100
 77 57.2 22.4 41.6#



#48
 2-Hexanone
 Concen: 1.727 ug/L
 RT: 8.71 min Scan# 2291
 Delta R.T. -0.00 min
 Lab File: VU038175.D
 Acq: 14 May 2020 17:28

Tgt Ion: 43 Resp: 25034
 Ion Ratio Lower Upper
 43 100
 58 52.9 45.2 67.8
 57 23.7 15.5 23.3#
 100 10.0 9.5 14.3

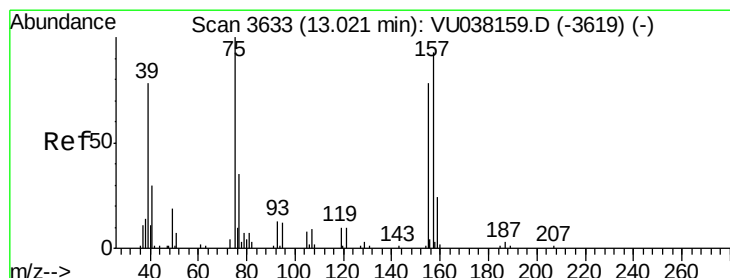
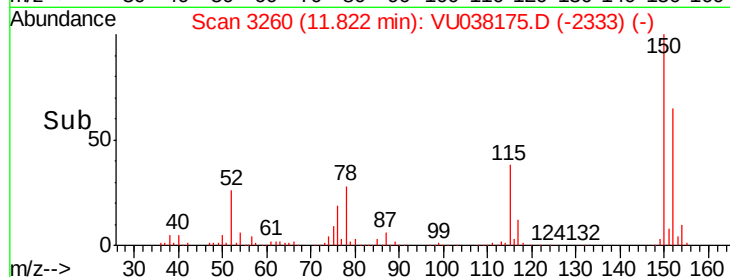
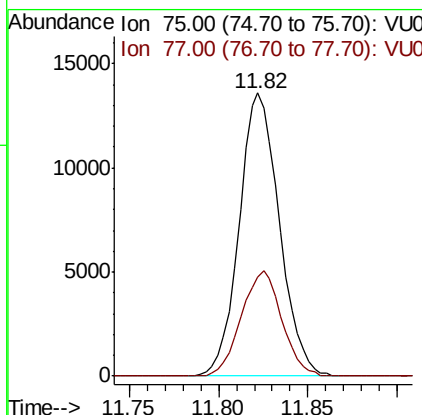
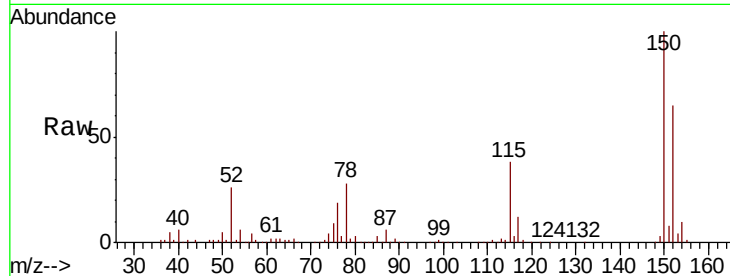




#59
 1,2,3-Trichloropropane
 Concen: 1.108 ug/L
 RT: 11.82 min Scan# 3260
 Delta R.T. 0.98 min
 Lab File: VU038175.D
 Acq: 14 May 2020 17:28

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 75 Resp: 21244
 Ion Ratio Lower Upper
 75 100
 77 37.6 25.4 38.0



#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.411 ug/L
 RT: 12.80 min Scan# 3563
 Delta R.T. -0.23 min
 Lab File: VU038175.D
 Acq: 14 May 2020 17:28

Tgt Ion: 75 Resp: 1632
 Ion Ratio Lower Upper
 75 100
 155 20.5 58.2 87.2#
 157 0.0 72.9 109.3#

