

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U061720\
 Data File : VU038952.D
 Acq On : 17 Jun 2020 18:25
 Operator : SY/MD
 Sample : L3040-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 18 04:11:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 18 04:07:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.30	114	260881	5.00	ug/L	0.02
28) Chlorobenzene-d5	9.44	117	266303	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	128650	5.00	ug/L	0.00

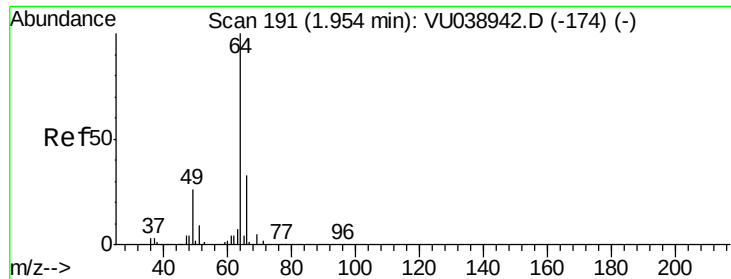
System Monitoring Compounds

4) Vinyl Chloride-d3	1.63	65	82437	4.55	ug/L	0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.00%
7) Chloroethane-d5	1.95	69	72838	4.79	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.80%
11) 1,1-Dichloroethene-d2	2.60	63	178334	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.20%
20) 2-Butanone-d5	4.79	46	258686	44.63	ug/L	0.10
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.26%
24) Chloroform-d	5.12	84	186296	5.18	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
26) 1,2-Dichloroethane-d4	5.77	65	107376	5.17	ug/L	0.03
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	5.78	84	350441	5.03	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.74	67	110663	5.14	ug/L	0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.80%
41) Toluene-d8	7.93	98	281472	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
43) trans-1,3-Dichloropropene-	8.21	79	45269	4.59	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.80%
46) 2-Hexanone-d5	8.67	63	247232	47.59	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.18%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	103437	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	128566	5.35	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.88	64	34298	2.205	ug/L #	55
12) 1,1-Dichloroethene	2.60	96	1500	0.082	ug/L #	1
13) Acetone	2.78	43	7148	1.810	ug/L	74
14) Carbon disulfide	2.83	76	12391	0.200	ug/L	98
35) Methylcyclohexane	6.74	83	27564	0.861	ug/L #	18
37) 1,2-Dichloropropane	6.74	63	12663	0.610	ug/L #	86
48) 2-Hexanone	8.72	43	19980	1.842	ug/L #	84
59) 1,2,3-Trichloropropane	11.82	75	16219	1.012	ug/L #	82

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



#8

Chloroethane

Concen: 2.205 ug/L

RT: 1.88 min Scan# 167

Delta R.T. -0.08 min

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Instrument :

MSVOA_U

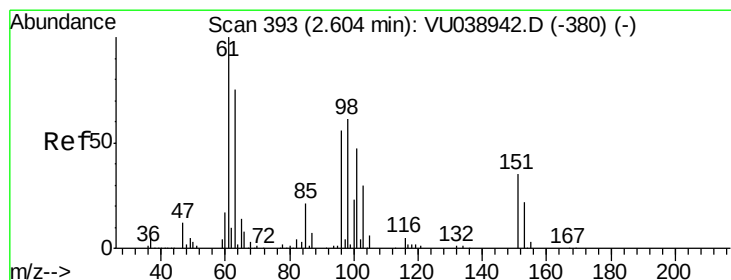
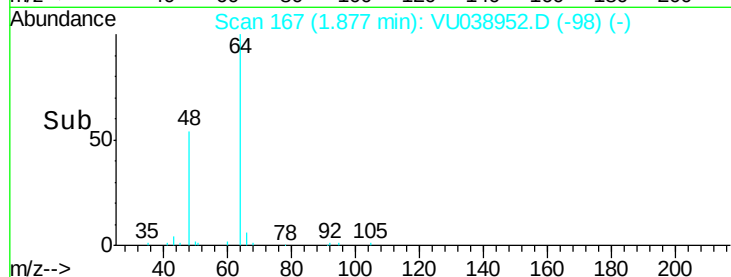
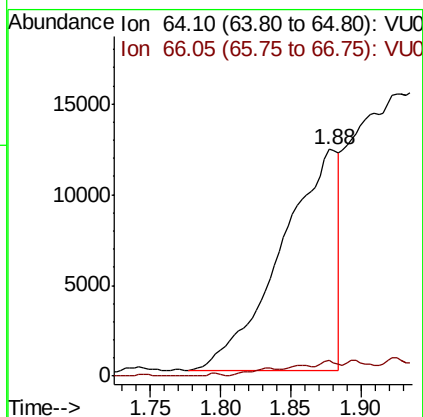
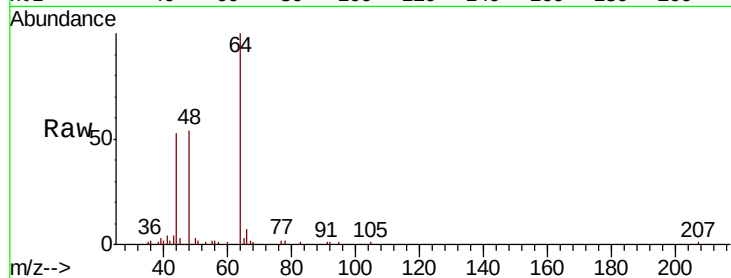
ClientSampleId :

Tot Ion: 64 Resp: 34298

Ion Ratio Lower Upper

64 100

66 6.8 22.1 41.1#



#12

1,1-Dichloroethene

Concen: 0.082 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

Lab File: VU038952.D

Acq: 17 Jun 2020 18:25

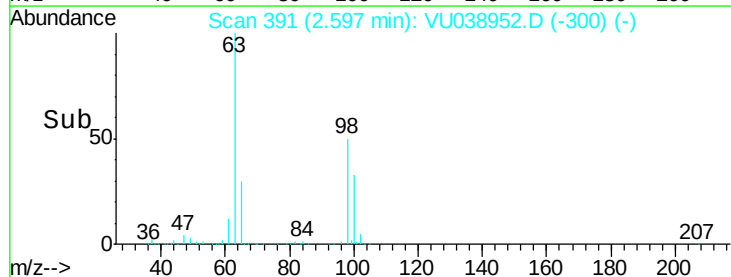
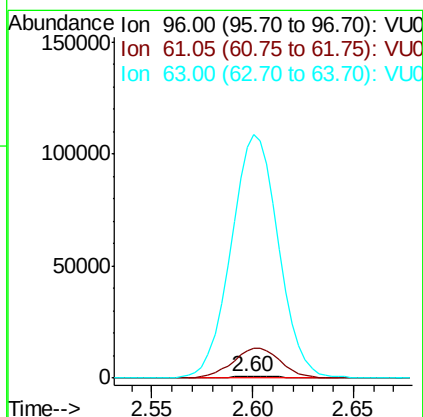
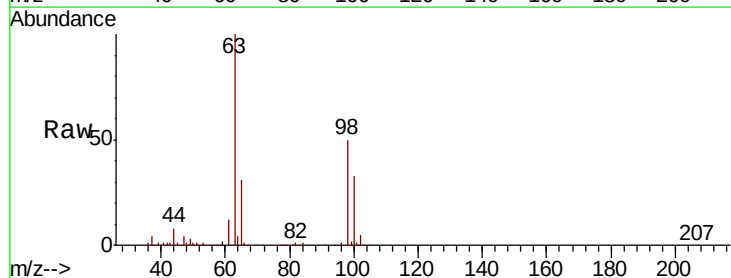
Tgt Ion: 96 Resp: 1500

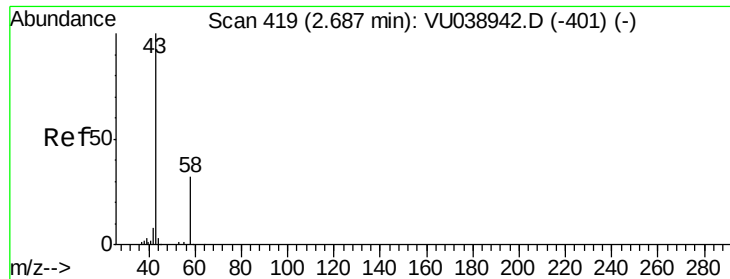
Ion Ratio Lower Upper

96 100

61 1742.9 120.3 223.5#

63 14407.8 78.7 146.1#





#13

Acetone

Concen: 1.810 ug/L

RT: 2.78 min Scan# 449

Delta R.T. 0.10 min

Lab File: VU038952.D

Acq: 17 Jun 2020 18:25

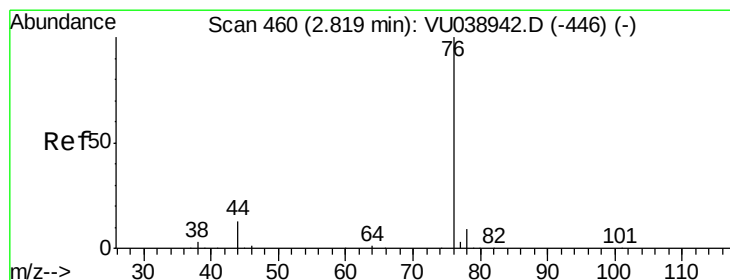
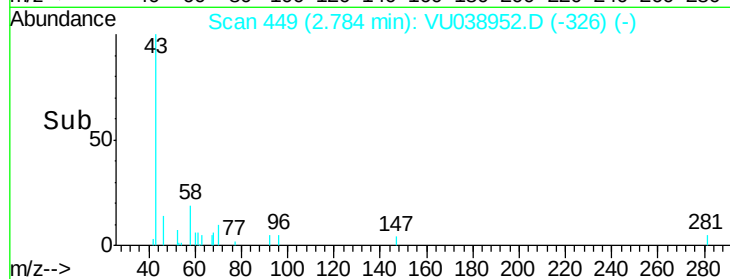
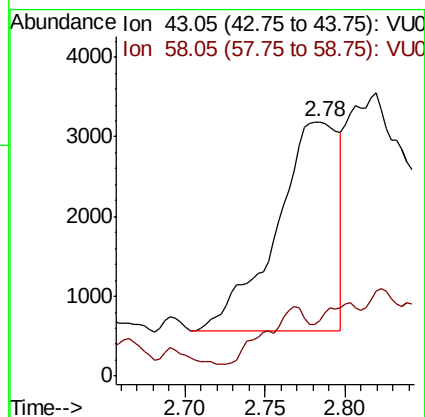
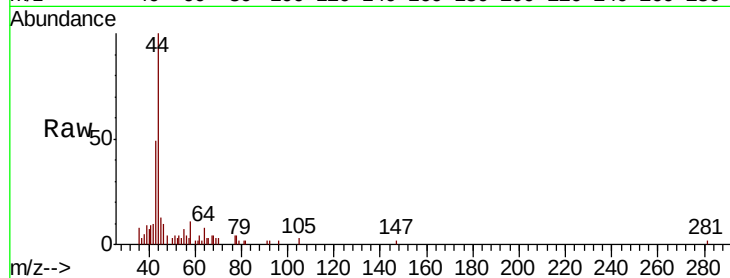
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 43 Resp: 7148

Ion Ratio Lower Upper

43 100

58 18.0 0.0 65.0



#14

Carbon disulfide

Concen: 0.200 ug/L

RT: 2.83 min Scan# 463

Delta R.T. 0.01 min

Lab File: VU038952.D

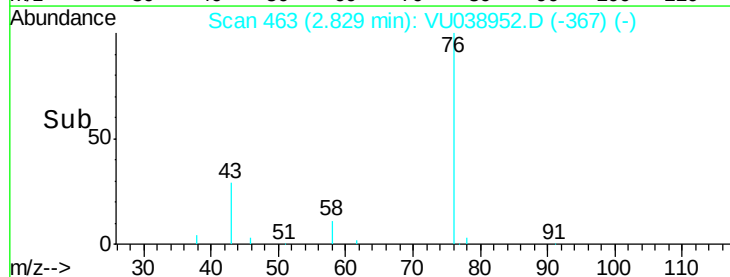
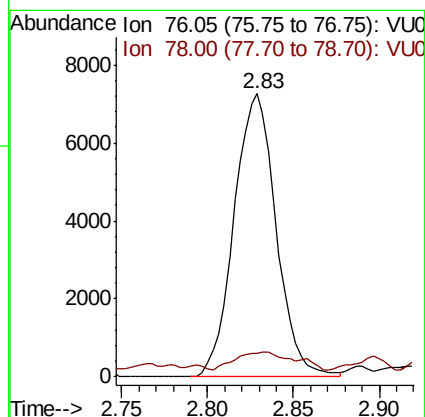
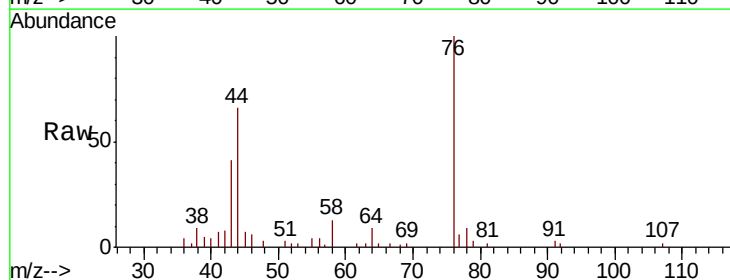
Acq: 17 Jun 2020 18:25

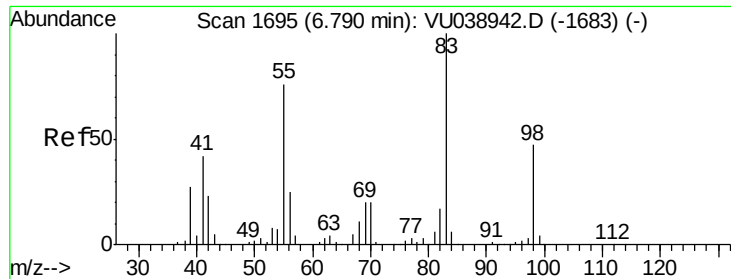
Tgt Ion: 76 Resp: 12391

Ion Ratio Lower Upper

76 100

78 8.5 7.4 11.0

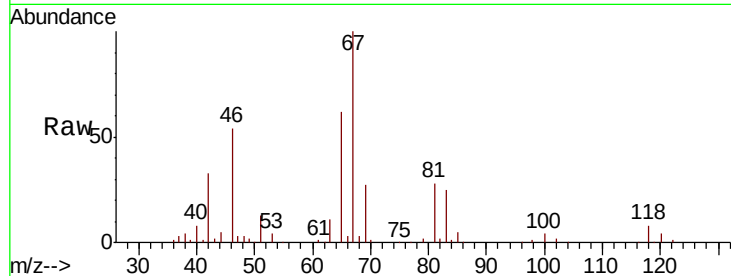




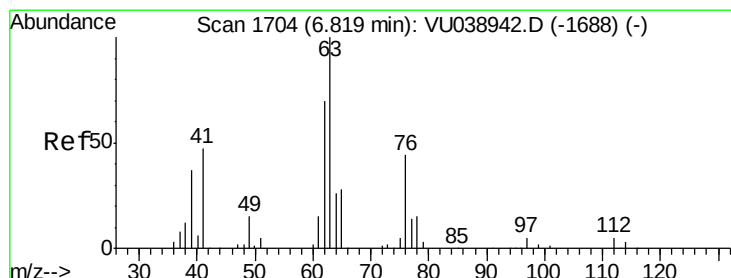
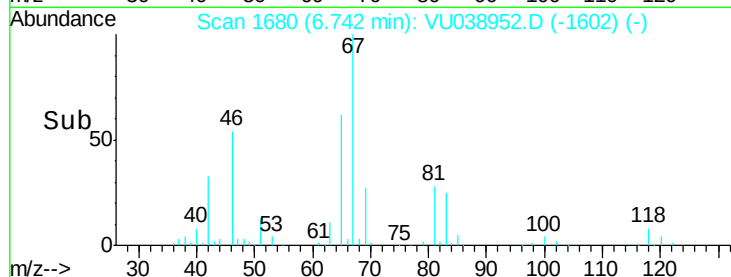
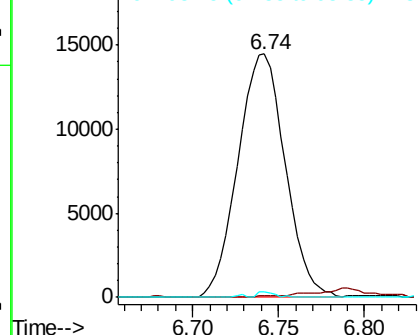
#35
Methylvlcyclohexane
Concen: 0.861 ug/L
RT: 6.74 min Scan# 1680
Delta R.T. -0.05 min
Lab File: VU038952.D
Acq: 17 Jun 2020 18:25

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion	83	Resp	27564
Ion	Ratio	Lower	Upper
83	100		
55	0.4	61.8	92.8#
98	0.8	39.3	58.9#

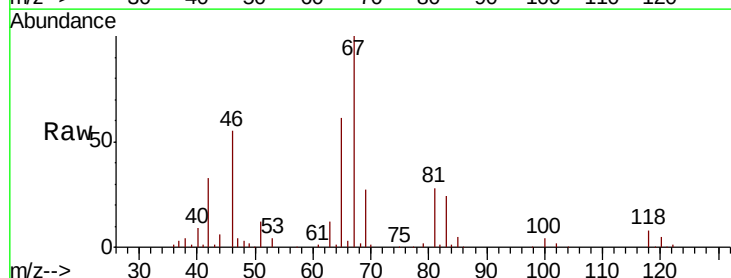


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

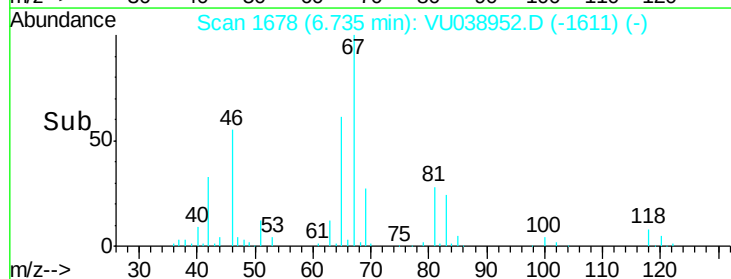
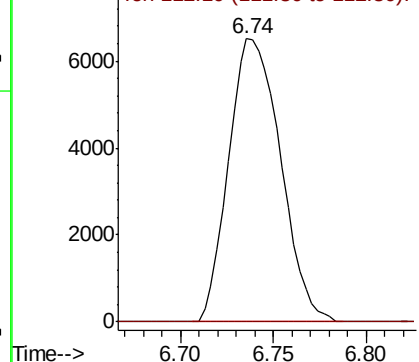


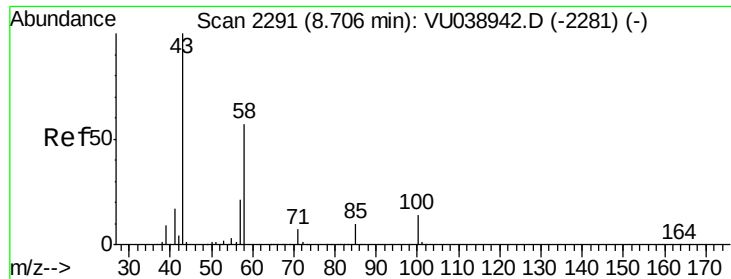
#37
1,2-Dichloropropane
Concen: 0.610 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.08 min
Lab File: VU038952.D
Acq: 17 Jun 2020 18:25

Tgt Ion	63	Resp	12663
Ion	Ratio	Lower	Upper
63	100		
112	0.2	3.9	5.9#



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

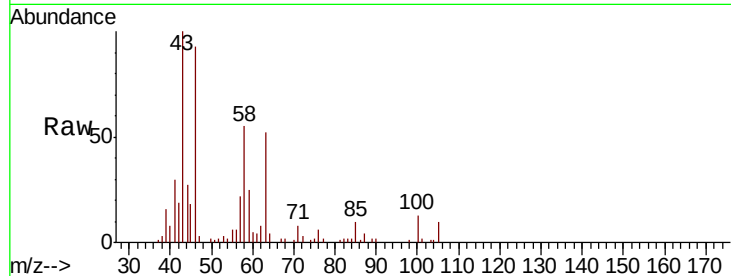




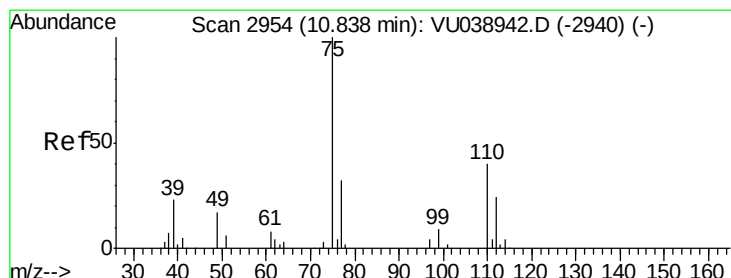
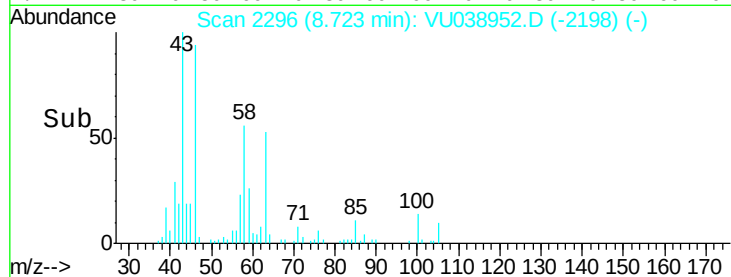
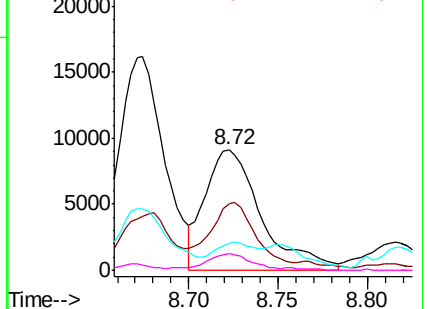
#48
2-Hexanone
Concen: 1.842 ug/L
RT: 8.72 min Scan# 2296
Delta R.T. 0.02 min
Lab File: VU038952.D
Acq: 17 Jun 2020 18:25

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:	43	Resp:	19980
Ion	Ratio	Lower	Upper
43	100		
58	39.1	45.2	67.8#
57	18.4	16.1	24.1
100	12.0	10.9	16.3

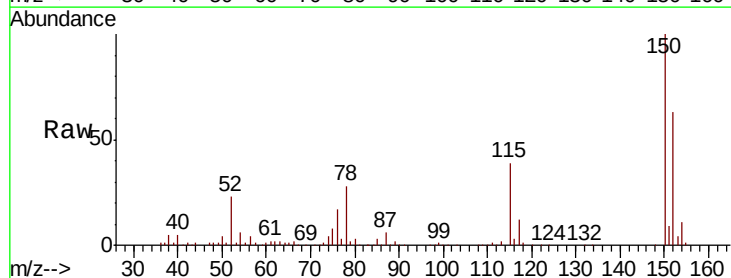


Abundance Ion 43.05 (42.75 to 43.75): VU038952.D (-2198) (-)
Ion 58.05 (57.75 to 58.75): VU038952.D (-2198) (-)
Ion 57.20 (56.90 to 57.90): VU038952.D (-2198) (-)
Ion 100.15 (99.85 to 100.85): VU038952.D (-2198) (-)



#59
1,2,3-Trichloropropane
Concen: 1.012 ug/L
RT: 11.82 min Scan# 3260
Delta R.T. 0.98 min
Lab File: VU038952.D
Acq: 17 Jun 2020 18:25

Tgt Ion:	75	Resp:	16219
Ion	Ratio	Lower	Upper
75	100		
77	41.7	25.4	38.0#



Abundance Ion 75.00 (74.70 to 75.70): VU038952.D (-2332) (-)
Ion 77.00 (76.70 to 77.70): VU038952.D (-2332) (-)

