

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052620\
 Data File : VU038292.D
 Acq On : 26 May 2020 12:39
 Operator : JC/MD
 Sample : VU0526WBL01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 27 06:53:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed May 27 06:51:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	344673	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	336670	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	165587	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	117589	3.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.60%
7) Chloroethane-d5	1.93	69	100578	3.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.80%
11) 1,1-Dichloroethene-d2	2.59	63	172253	3.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.40%
20) 2-Butanone-d5	4.67	46	357029	45.90	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.80%
24) Chloroform-d	5.10	84	214460	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
26) 1,2-Dichloroethane-d4	5.74	65	126253	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
32) Benzene-d6	5.76	84	457012	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
36) 1,2-Dichloropropane-d6	6.72	67	140678	4.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.40%
41) Toluene-d8	7.93	98	403468	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
43) trans-1,3-Dichloropropene-	8.20	79	55736	4.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.40%
46) 2-Hexanone-d5	8.66	63	293573	47.66	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.32%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	112179	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	154772	4.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.00%

Target Compounds

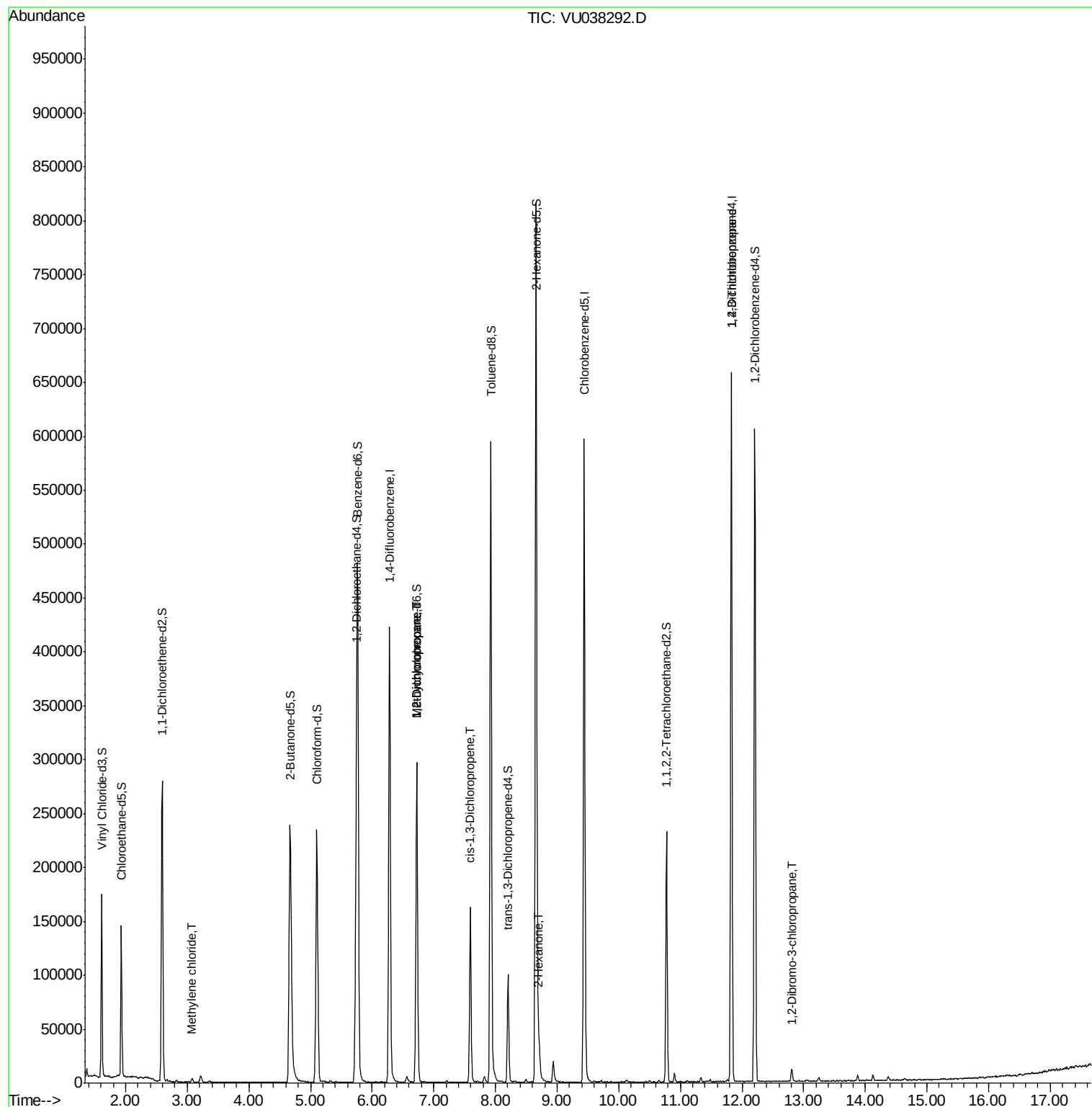
					Ovalue
16) Methylene chloride	3.08	84	1762	0.063 ug/L	86
35) Methylcyclohexane	6.72	83	32294	0.739 ug/L #	16
37) 1,2-Dichloropropane	6.72	63	15159	0.518 ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	4217	0.101 ug/L #	58
48) 2-Hexanone	8.71	43	16779	1.129 ug/L	97
59) 1,2,3-Trichloropropane	11.83	75	21474	1.093 ug/L	92
66) 1,2-Dibromo-3-chloropropan	12.80	75	572	0.135 ug/L #	25

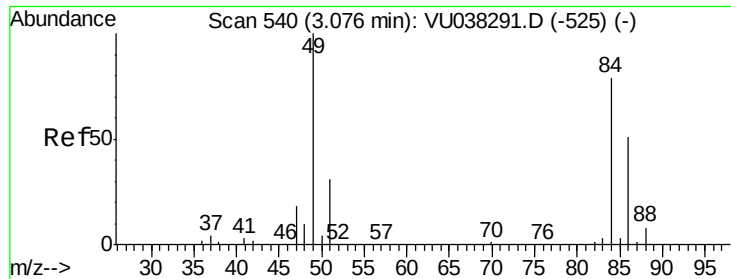
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: May 27 06:53:35 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed May 27 06:51:51 2020
Response via : Initial Calibration

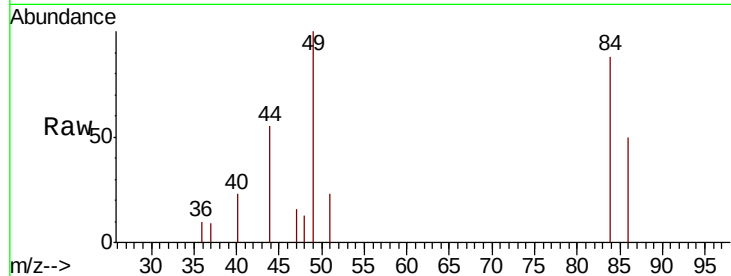




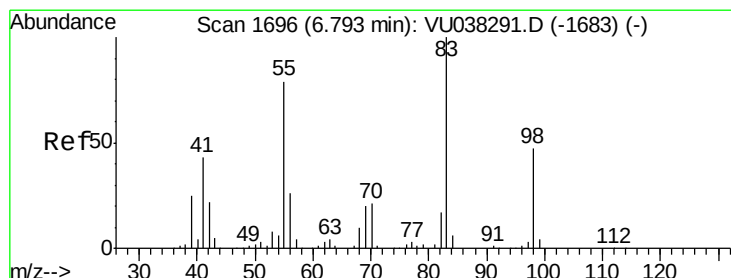
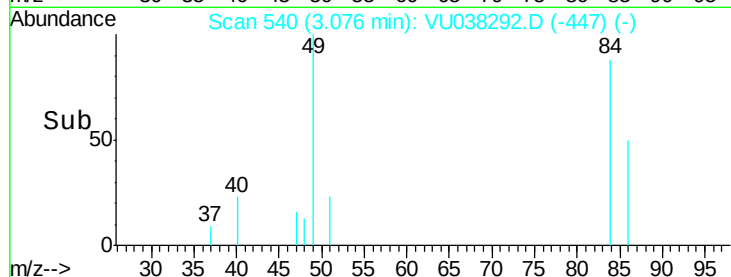
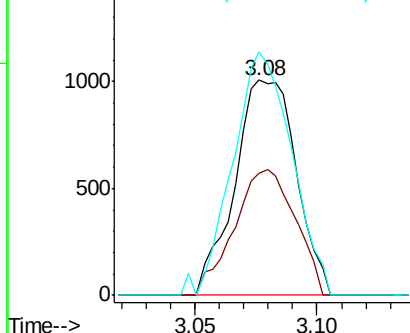
#16
Methvlene chloride
Concen: 0.063 ug/L
RT: 3.08 min Scan# 540
Delta R.T. 0.00 min
Lab File: VU038292.D
Acq: 26 May 2020 12:39

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 84 Resp: 1762
Ion Ratio Lower Upper
84 100
86 56.8 44.9 83.3
49 113.2 92.0 170.9

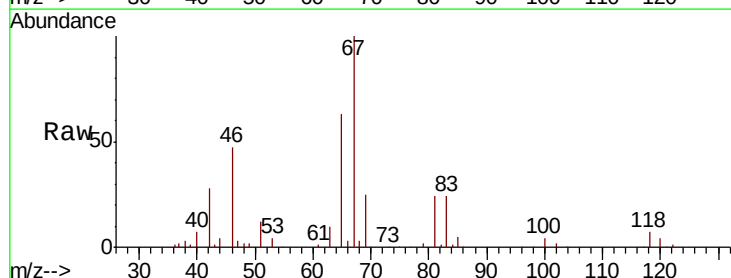


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

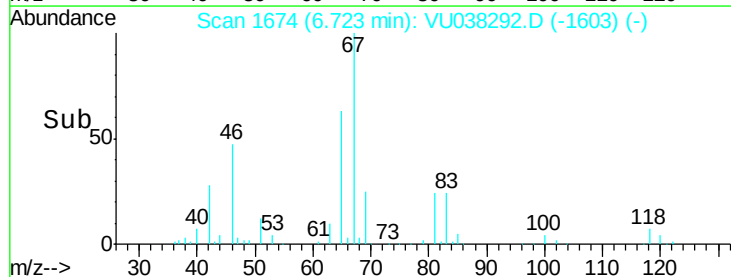
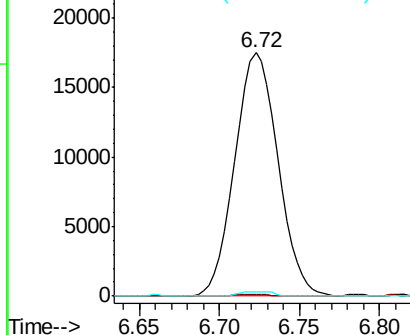


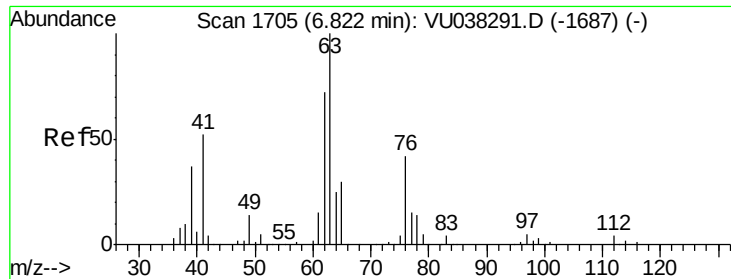
#35
Methylcyclohexane
Concen: 0.739 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038292.D
Acq: 26 May 2020 12:39

Tgt Ion: 83 Resp: 32294
Ion Ratio Lower Upper
83 100
55 0.6 66.7 100.1#
98 1.4 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

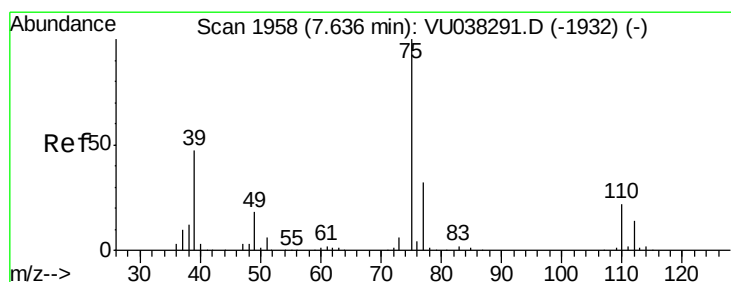
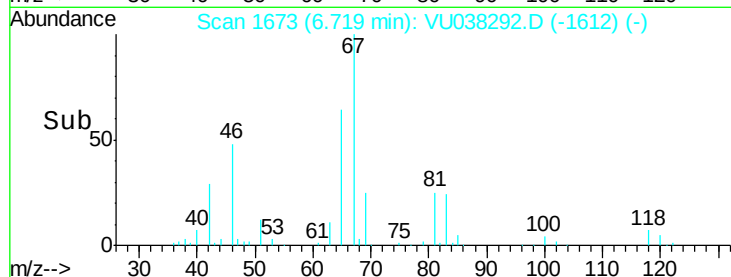
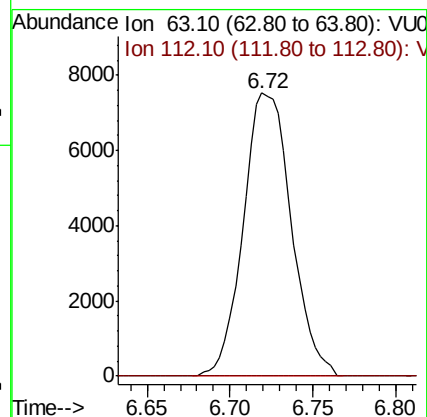
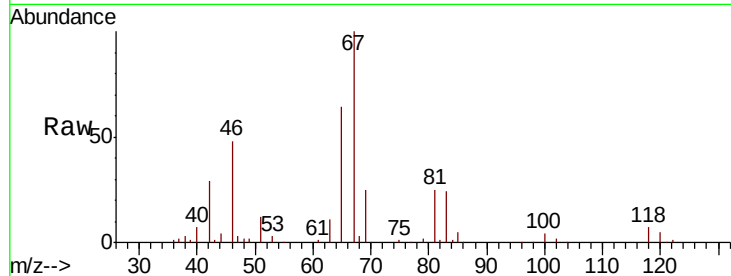




#37
 1,2-Dichloropropane
 Concen: 0.518 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU038292.D
 Acq: 26 May 2020 12:39

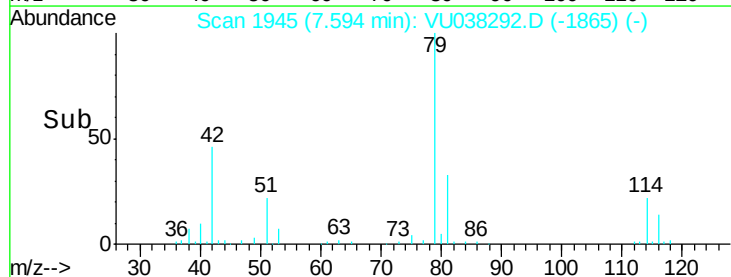
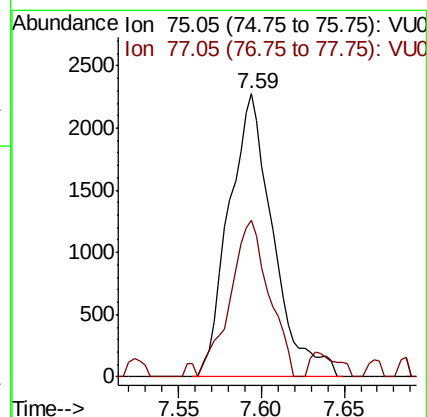
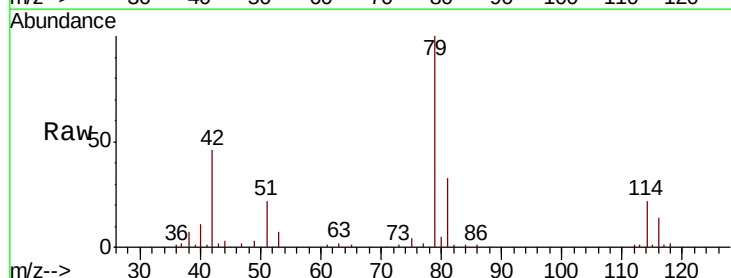
Instrument :
 MSVOA_U
 ClientSampleId :

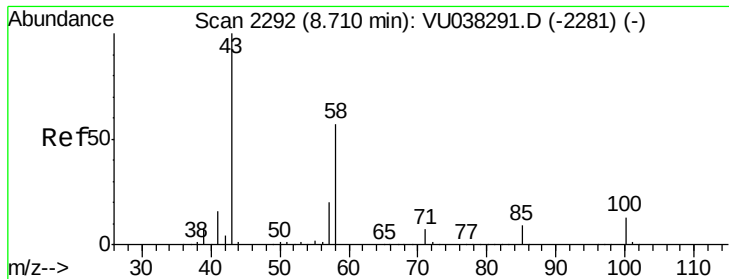
Tot Ion: 63 Resp: 15159
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#39
 cis-1,3-Dichloropropene
 Concen: 0.101 ug/L
 RT: 7.59 min Scan# 1945
 Delta R.T. -0.04 min
 Lab File: VU038292.D
 Acq: 26 May 2020 12:39

Tgt Ion: 75 Resp: 4217
 Ion Ratio Lower Upper
 75 100
 77 55.4 22.4 41.6#

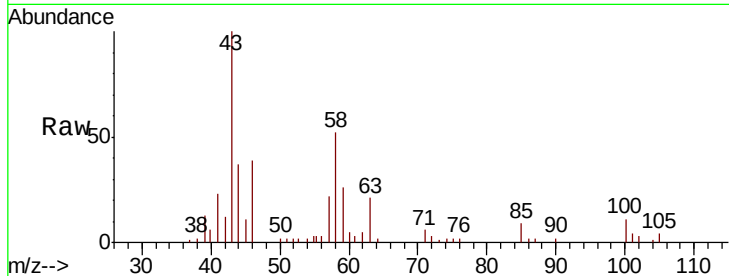




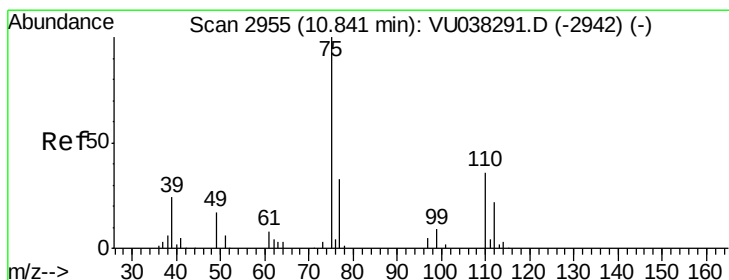
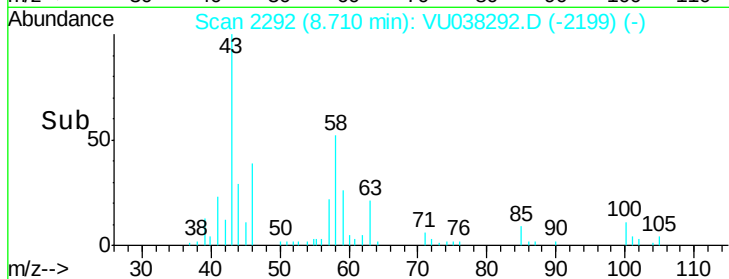
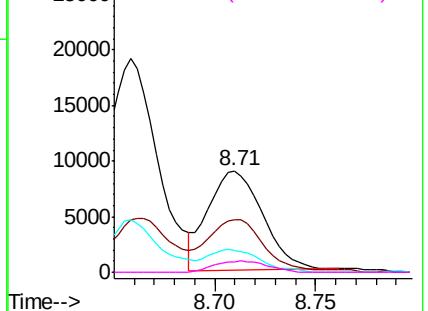
#48
2-Hexanone
Concen: 1.129 ug/L
RT: 8.71 min Scan# 2292
Delta R.T. 0.00 min
Lab File: VU038292.D
Acq: 26 May 2020 12:39

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:	43	Resp:	16779
Ion	Ratio	Lower	Upper
43	100		
58	54.9	45.2	67.8
57	22.5	15.5	23.3
100	11.0	9.5	14.3

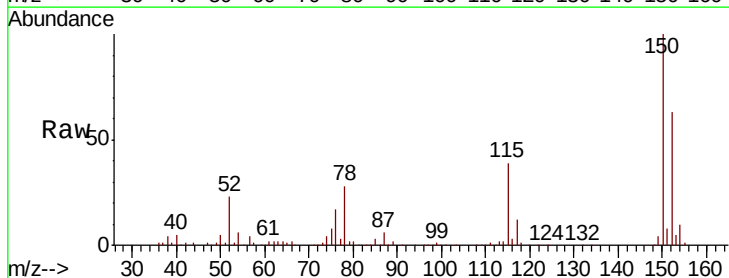


Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 57.20 (56.90 to 57.90): VU0
Ion 100.15 (99.85 to 100.85): VU0

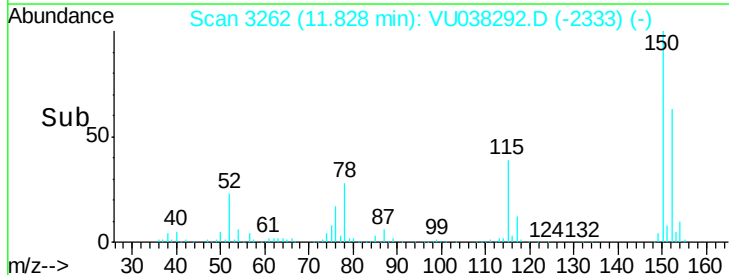
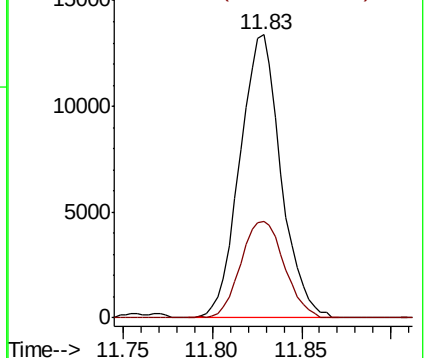


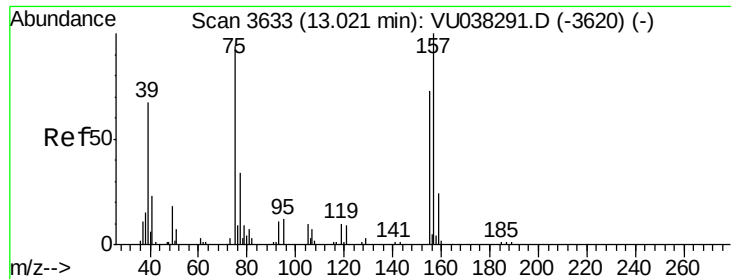
#59
1,2,3-Trichloropropane
Concen: 1.093 ug/L
RT: 11.83 min Scan# 3262
Delta R.T. 0.99 min
Lab File: VU038292.D
Acq: 26 May 2020 12:39

Tgt Ion:	75	Resp:	21474
Ion	Ratio	Lower	Upper
75	100		
77	36.2	25.4	38.0



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





#66

1,2-Dibromo-3-chloropropane

Concen: 0.135 ug/L

RT: 12.80 min Scan# 3565

Delta R.T. -0.22 min

Lab File: VU038292.D

Acq: 26 May 2020 12:39

Instrument :

MSVOA_U

ClientSampleId :

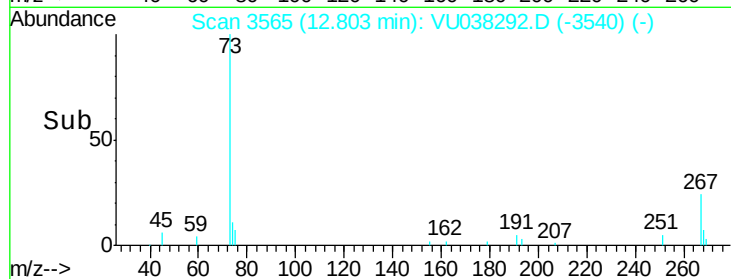
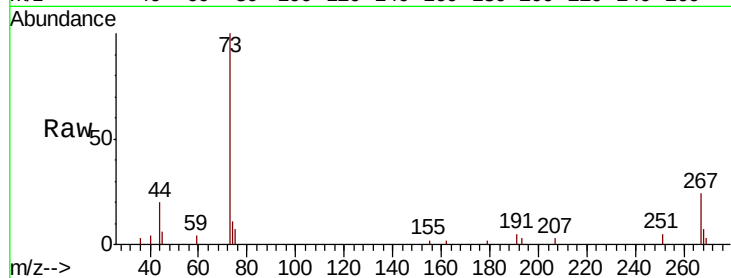
Tot Ion: 75 Resp: 572

Ion Ratio Lower Upper

75 100

155 31.3 58.2 87.2#

157 0.0 72.9 109.3#



Abundance Ion 75.05 (74.75 to 75.75): VU038292.D (-3540) (-)

Ion 154.95 (154.65 to 155.65): VU038292.D (-3540) (-)

Ion 156.90 (156.60 to 157.60): VU038292.D (-3540) (-)

