

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061320\
 Data File : VU038847.D
 Acq On : 12 Jun 2020 13:37
 Operator : SY/MD
 Sample : L2933-06RE
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 13 00:58:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR061220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jun 13 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	287462	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	285139	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	133529	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	95783	6.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	122.20%
7) Chloroethane-d5	1.93	69	76746	6.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	122.00%
11) 1,1-Dichloroethene-d2	2.59	63	148829	4.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.60%
20) 2-Butanone-d5	4.68	46	318791	64.83	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	129.66%
24) Chloroform-d	5.10	84	190843	5.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.00%
26) 1,2-Dichloroethane-d4	5.74	65	110658	5.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.80%
32) Benzene-d6	5.76	84	376998	5.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.20%
36) 1,2-Dichloropropane-d6	6.72	67	111450	5.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.80%
41) Toluene-d8	7.92	98	320544	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
43) trans-1,3-Dichloropropene-	8.20	79	46626	5.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.40%
46) 2-Hexanone-d5	8.65	63	262579	66.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	133.52%#
57) 1,1,2,2-Tetrachloroethane-	10.77	84	96530	5.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.80%
64) 1,2-Dichlorobenzene-d4	12.20	152	127095	5.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.00%

Target Compounds

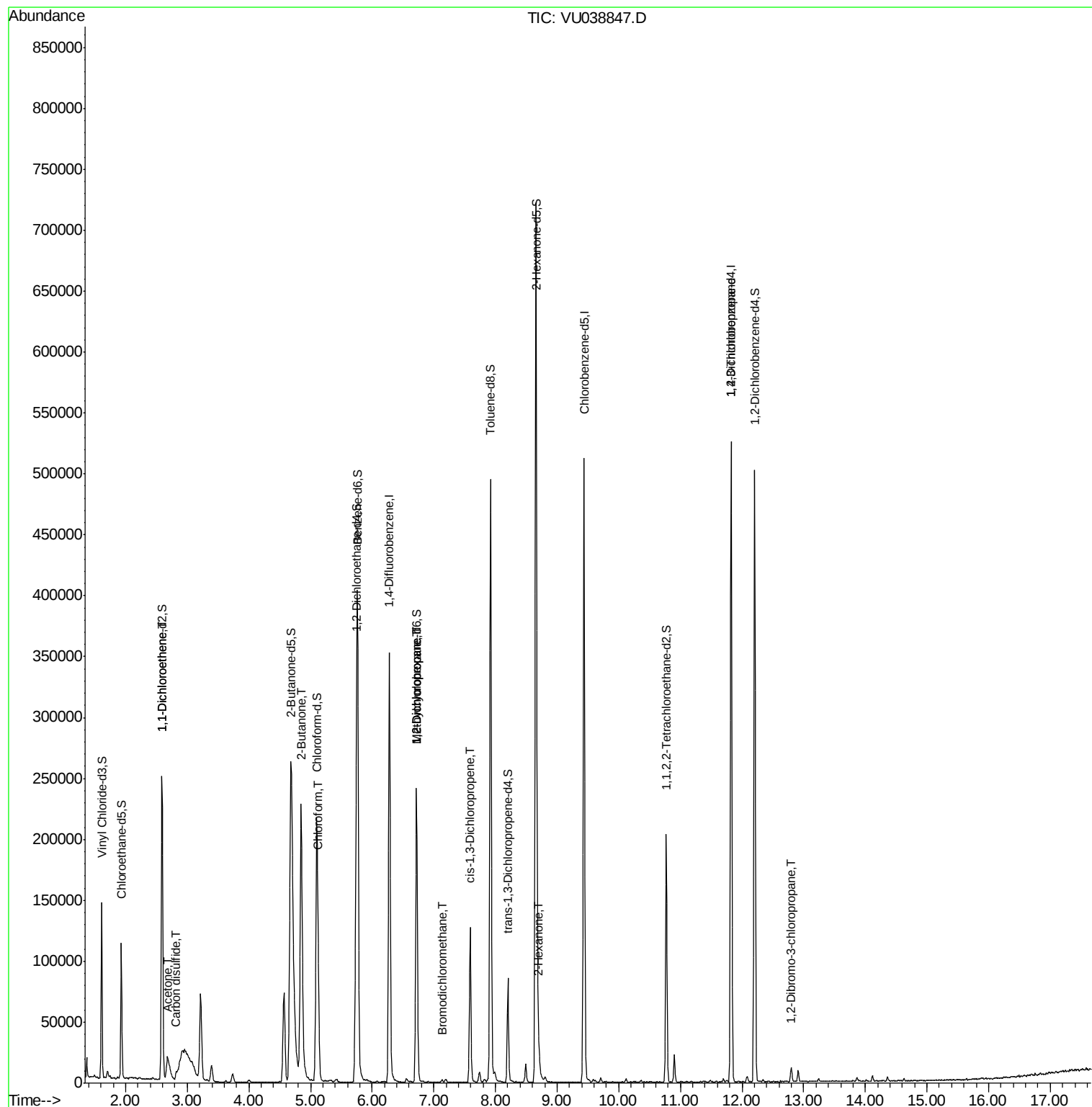
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.60	96	1364	0.068	ug/L #	1
13) Acetone	2.68	43	45826	11.487	ug/L	96
14) Carbon disulfide	2.82	76	5862	0.086	ug/L	100
21) 2-Butanone	4.85	43	334826	51.095	ug/L #	46
25) Chloroform	5.13	83	51174	1.276	ug/L	97
35) Methylcyclohexane	6.72	83	28225	0.807	ug/L #	17
37) 1,2-Dichloropropane	6.72	63	12803	0.590	ug/L #	86
38) Bromodichloromethane	7.13	83	1698	0.060	ug/L #	91
39) cis-1,3-Dichloropropene	7.59	75	3344	0.104	ug/L	84
48) 2-Hexanone	8.70	43	10228	0.917	ug/L #	92
59) 1,2,3-Trichloropropane	11.83	75	16814	1.044	ug/L #	86
66) 1,2-Dibromo-3-chloropropan	12.80	75	416	0.126	ug/L #	5

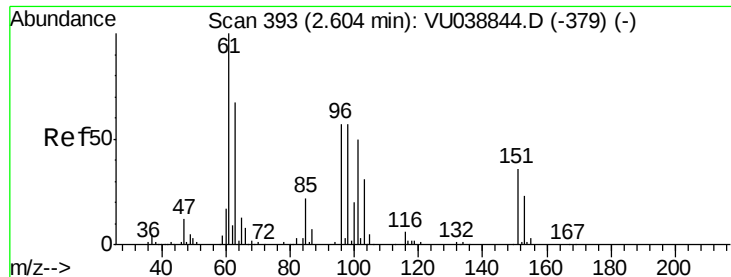
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 13 00:56:28 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.068 ug/L

RT: 2.60 min Scan# 391

Delta R.T. -0.01 min

Lab File: VU038847.D

Acq: 12 Jun 2020 13:37

Instrument :

MSVOA_U

ClientSampleId :

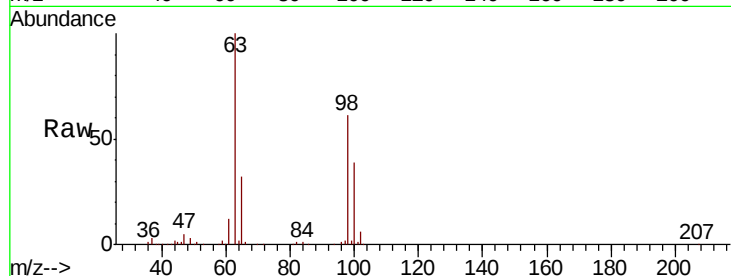
Tot Ion: 96 Resp: 1364

Ion Ratio Lower Upper

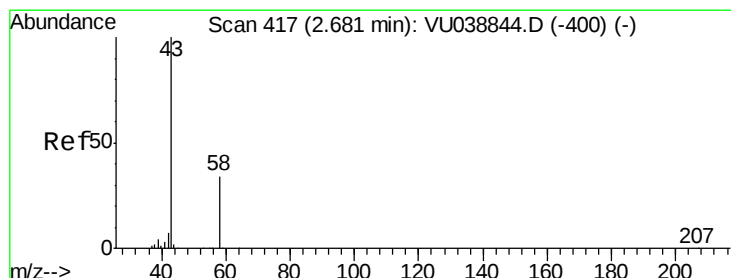
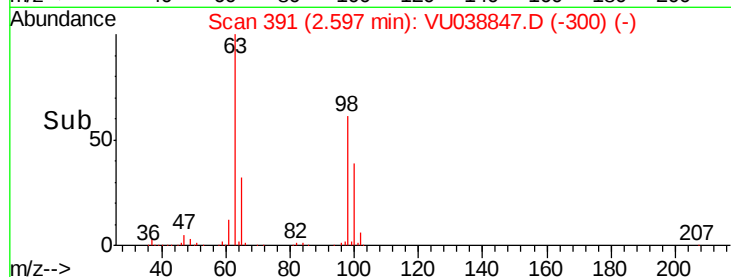
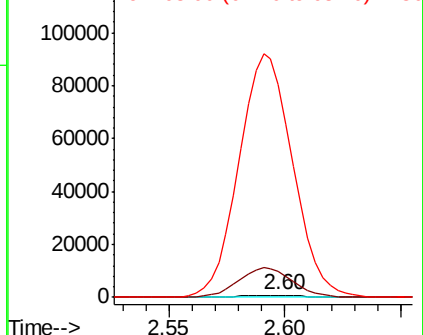
96 100

61 1375.7 120.2 223.2#

63 11366.1 90.1 167.3#



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 63.00 (62.70 to 63.70): VU0



#13

Acetone

Concen: 11.487 ug/L

RT: 2.68 min Scan# 417

Delta R.T. -0.00 min

Lab File: VU038847.D

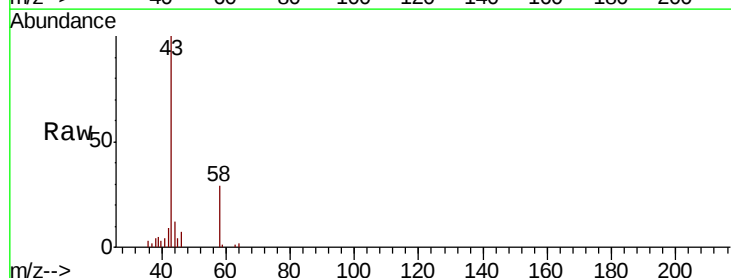
Acq: 12 Jun 2020 13:37

Tgt Ion: 43 Resp: 45826

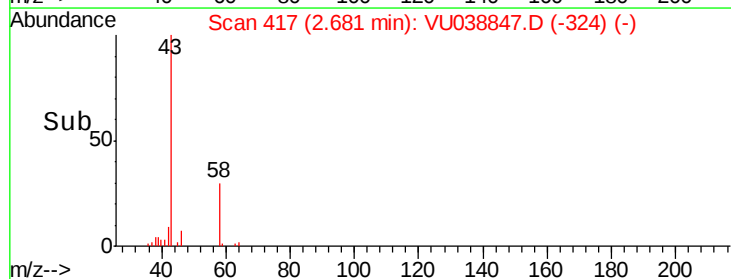
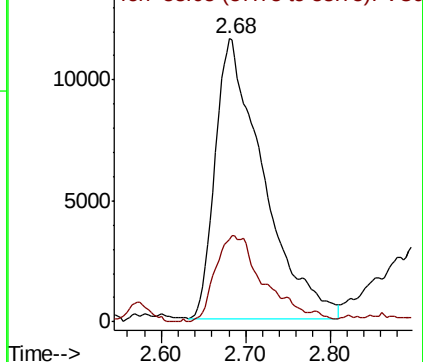
Ion Ratio Lower Upper

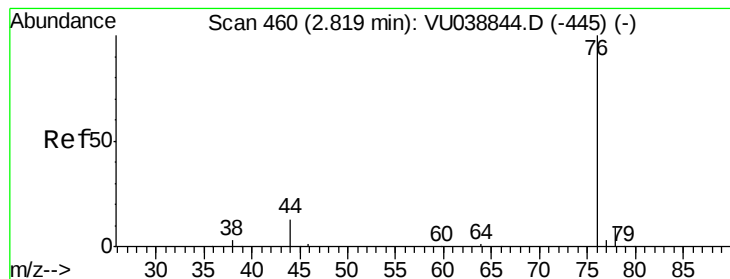
43 100

58 30.7 0.0 66.0



Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0





#14

Carbon disulfide

Concen: 0.086 ug/L

RT: 2.82 min Scan# 460

Delta R.T. -0.00 min

Lab File: VU038847.D

Acq: 12 Jun 2020 13:37

Instrument :

MSVOA_U

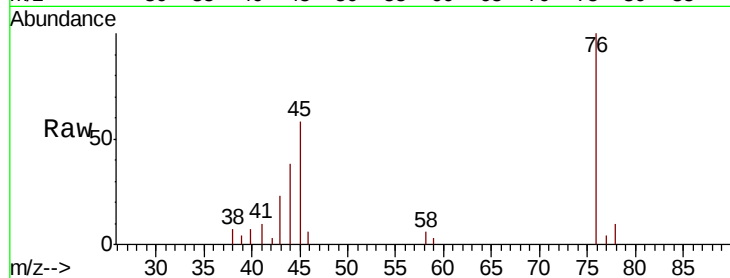
ClientSampleId :

Tot Ion: 76 Resp: 5862

Ion Ratio Lower Upper

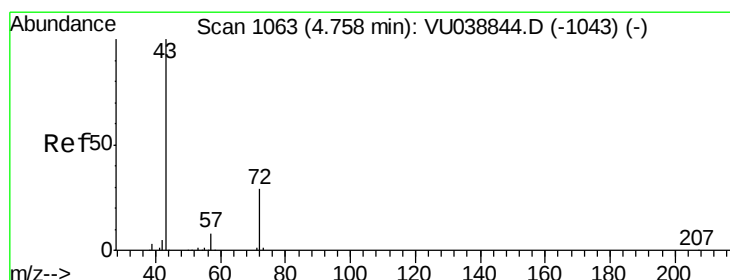
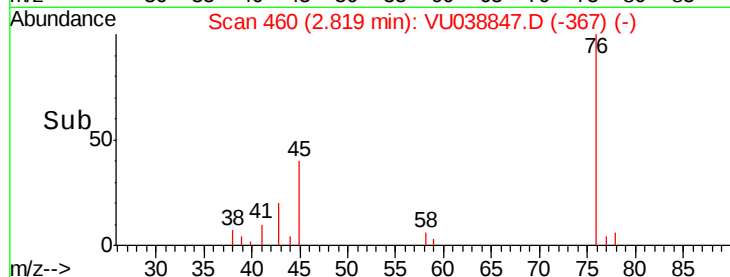
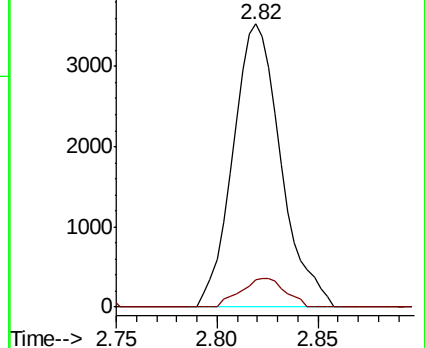
76 100

78 9.5 7.6 11.4



Abundance Ion 76.05 (75.75 to 76.75): VU038844.D (-445) (-)

Ion 78.00 (77.70 to 78.70): VU038844.D (-445) (-)



#21

2-Butanone

Concen: 51.095 ug/L

RT: 4.85 min Scan# 1091

Delta R.T. 0.09 min

Lab File: VU038847.D

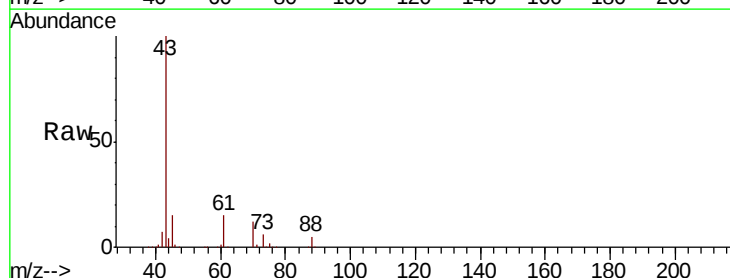
Acq: 12 Jun 2020 13:37

Tgt Ion: 43 Resp: 334826

Ion Ratio Lower Upper

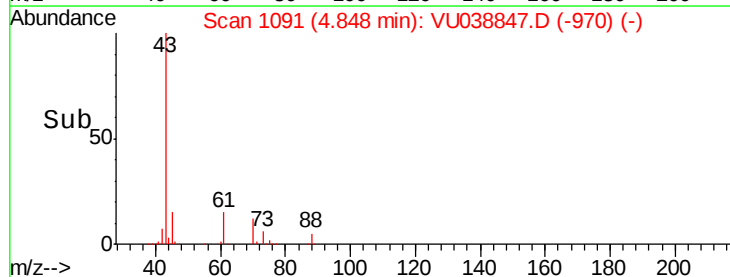
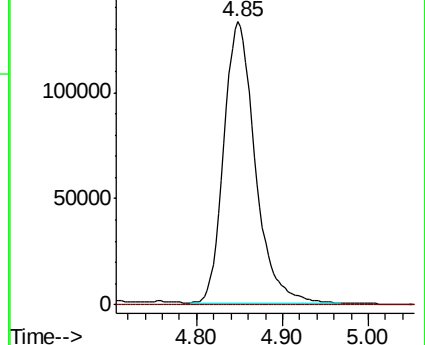
43 100

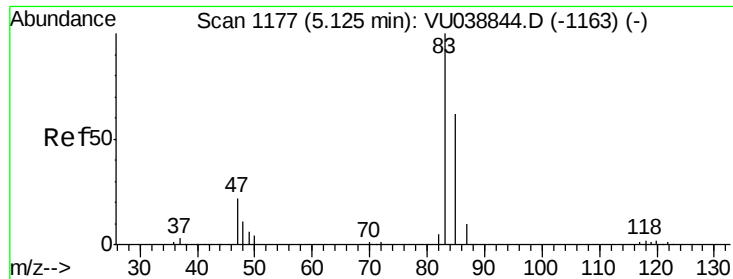
72 0.0 14.2 42.8#



Abundance Ion 43.05 (42.75 to 43.75): VU038844.D (-1043) (-)

Ion 72.10 (71.80 to 72.80): VU038844.D (-1043) (-)

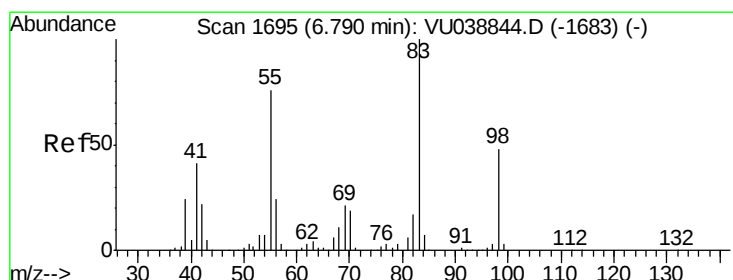
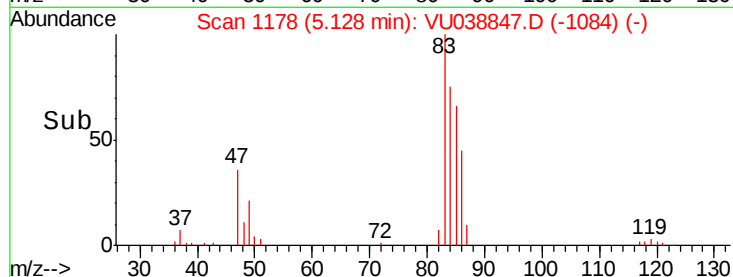
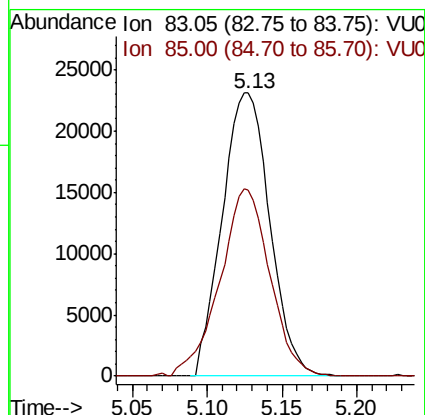
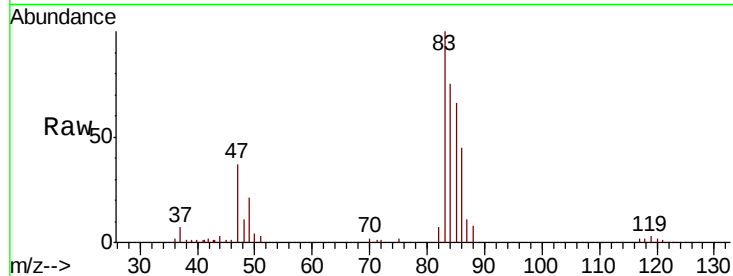




#25
Chloroform
Concen: 1.276 ug/L
RT: 5.13 min Scan# 1178
Delta R.T. 0.00 min
Lab File: VU038847.D
Acq: 12 Jun 2020 13:37

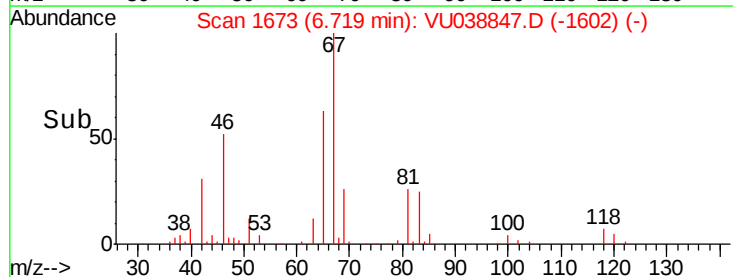
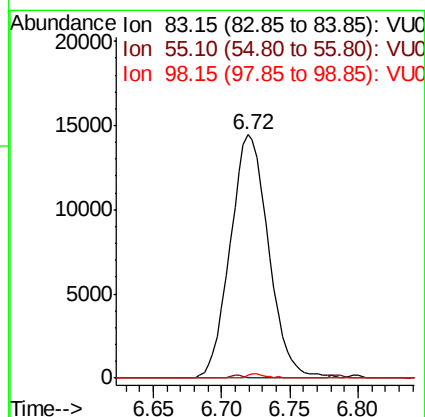
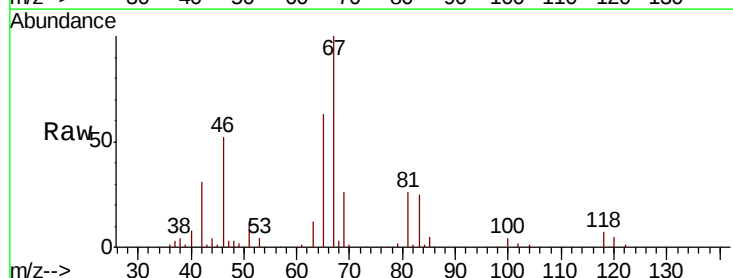
Instrument :
MSVOA_U
ClientSampled :

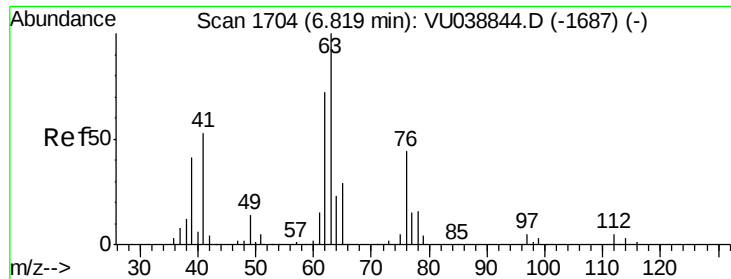
Tot Ion: 83 Resp: 51174
Ion Ratio Lower Upper
83 100
85 65.7 44.1 81.9



#35
Methylcyclohexane
Concen: 0.807 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038847.D
Acq: 12 Jun 2020 13:37

Tgt Ion: 83 Resp: 28225
Ion Ratio Lower Upper
83 100
55 0.4 64.2 96.2#
98 0.8 40.5 60.7#

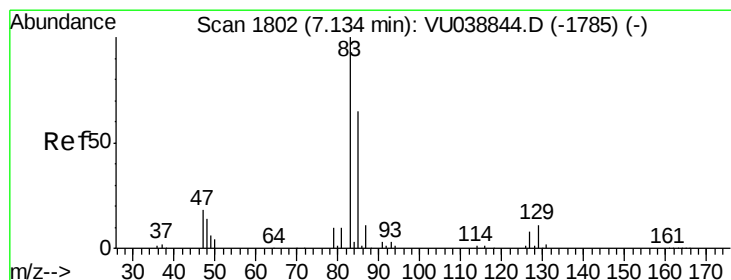
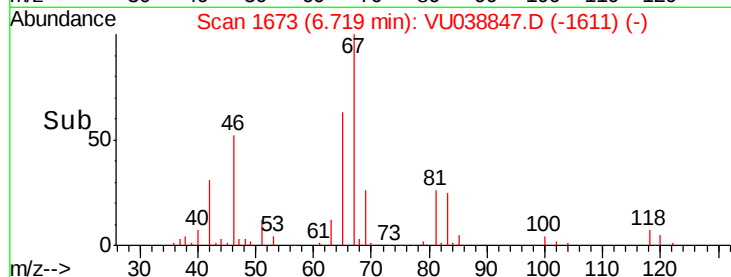
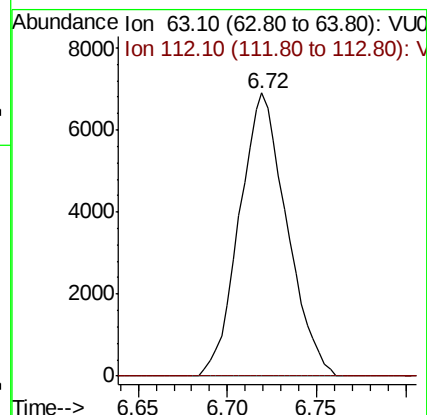
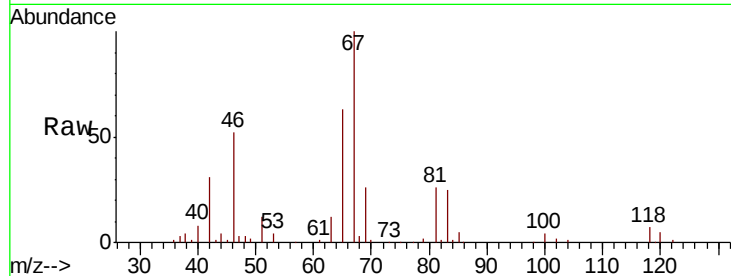




#37
 1,2-Dichloropropane
 Concen: 0.590 ug/L
 RT: 6.72 min Scan# 1673
 Delta R.T. -0.10 min
 Lab File: VU038847.D
 Acq: 12 Jun 2020 13:37

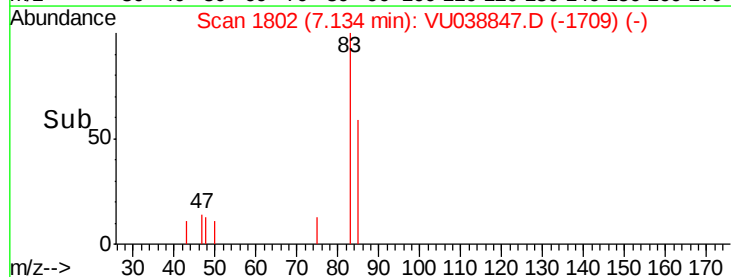
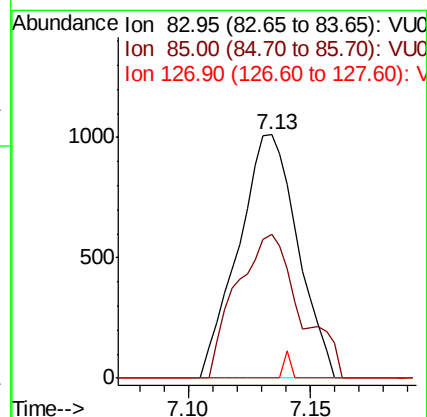
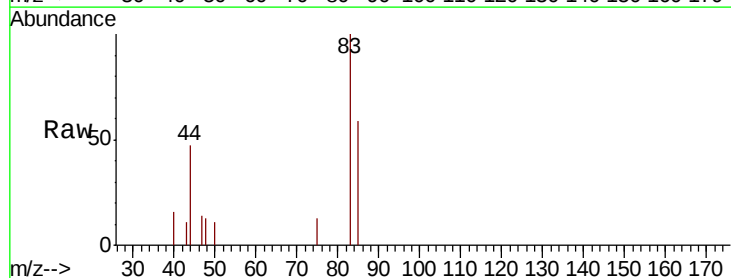
Instrument :
 MSVOA_U
 ClientSampled :

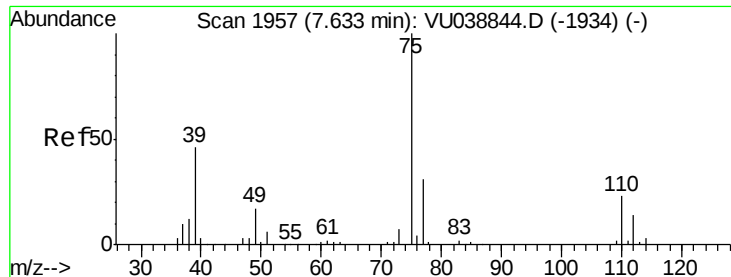
Tot Ion: 63 Resp: 12803
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.6#



#38
 Bromodichloromethane
 Concen: 0.060 ug/L
 RT: 7.13 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VU038847.D
 Acq: 12 Jun 2020 13:37

Tgt Ion: 83 Resp: 1698
 Ion Ratio Lower Upper
 83 100
 85 59.1 45.3 84.1
 127 0.0 7.1 10.7#

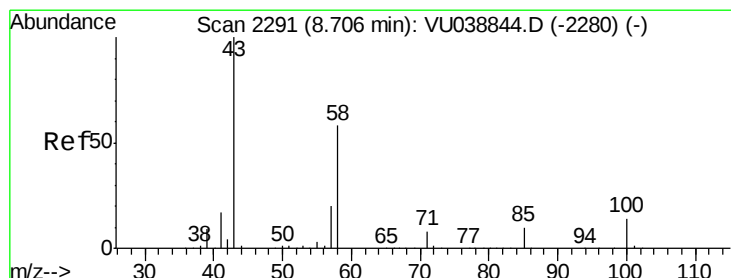
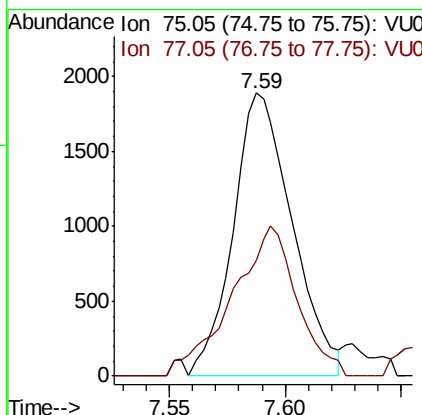
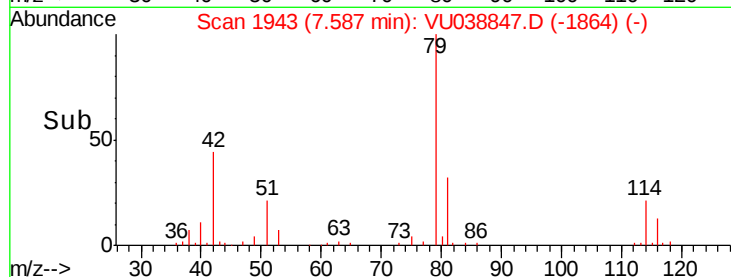
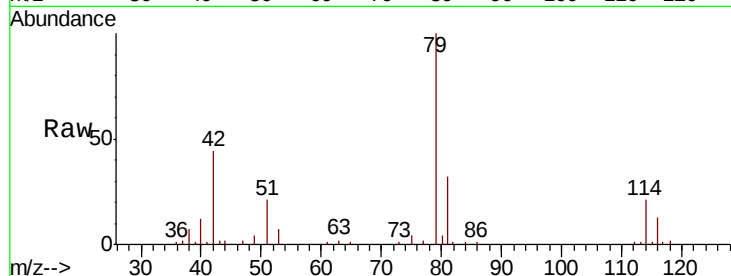




#39
 cis-1,3-Dichloropropene
 Concen: 0.104 ug/L
 RT: 7.59 min Scan# 1943
 Delta R.T. -0.05 min
 Lab File: VU038847.D
 Acq: 12 Jun 2020 13:37

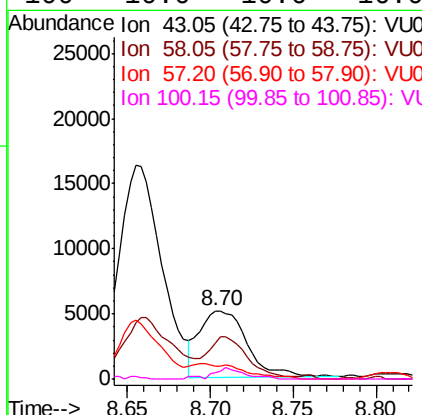
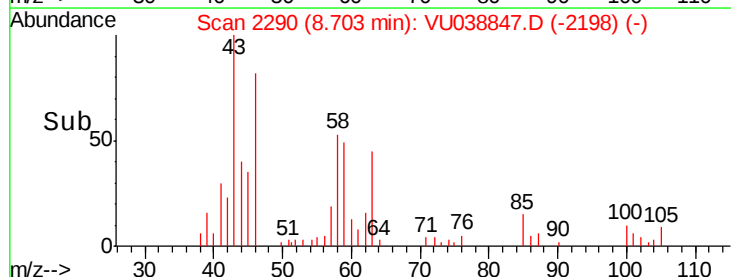
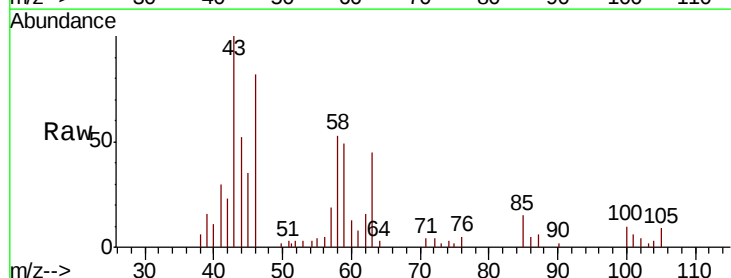
Instrument :
 MSVOA_U
 ClientSampled :

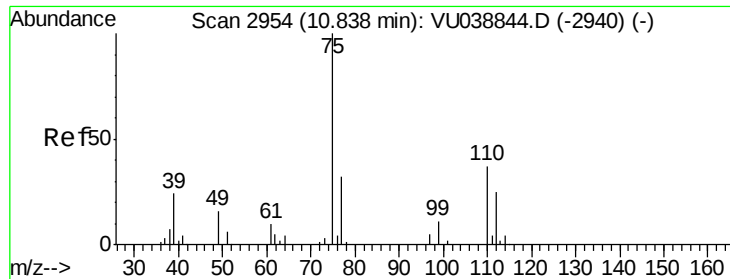
Tot Ion: 75 Resp: 3344
 Ion Ratio Lower Upper
 75 100
 77 41.0 22.4 41.6



#48
 2-Hexanone
 Concen: 0.917 ug/L
 RT: 8.70 min Scan# 2290
 Delta R.T. -0.00 min
 Lab File: VU038847.D
 Acq: 12 Jun 2020 13:37

Tgt Ion: 43 Resp: 10228
 Ion Ratio Lower Upper
 43 100
 58 55.2 44.8 67.2
 57 6.9 16.2 24.2#
 100 10.0 10.6 16.0#

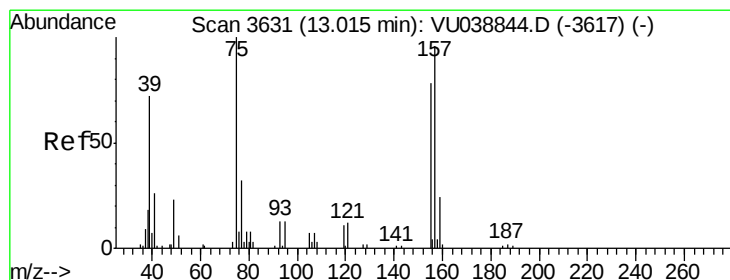
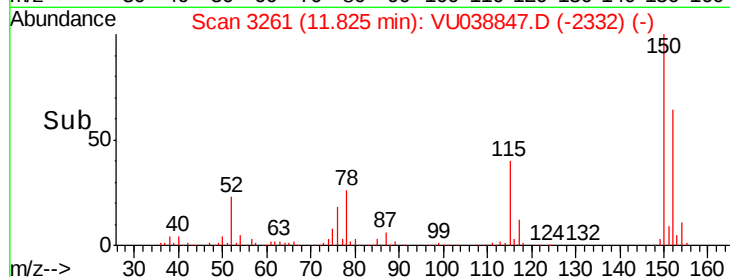
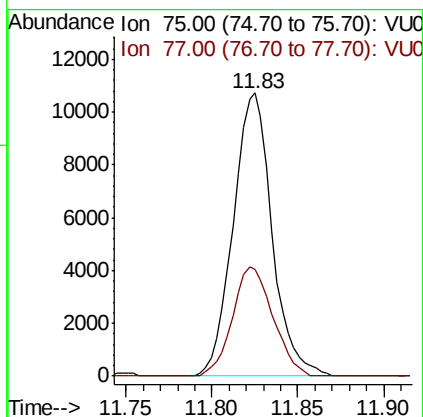
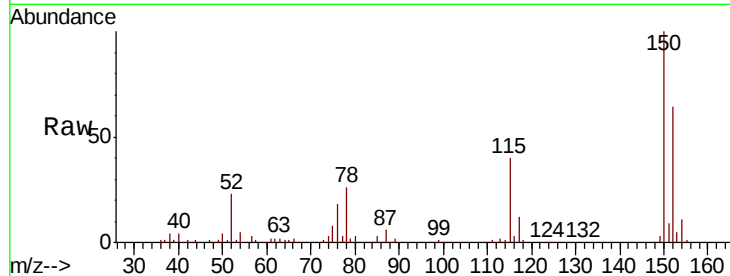




#59
 1,2,3-Trichloropropane
 Concen: 1.044 ug/L
 RT: 11.83 min Scan# 3261
 Delta R.T. 0.99 min
 Lab File: VU038847.D
 Acq: 12 Jun 2020 13:37

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion: 75 Resp: 16814
 Ion Ratio Lower Upper
 75 100
 77 40.2 25.8 38.8#



#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.126 ug/L
 RT: 12.80 min Scan# 3563
 Delta R.T. -0.22 min
 Lab File: VU038847.D
 Acq: 12 Jun 2020 13:37

Tgt Ion: 75 Resp: 416
 Ion Ratio Lower Upper
 75 100
 155 0.0 63.7 95.5#
 157 0.0 77.1 115.7#

