

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U050720\
 Data File : VU038045.D
 Acq On : 07 May 2020 17:44
 Operator : JC/MD
 Sample : L2526-18
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 08 01:54:36 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	326170	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	321176	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	143619	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	103755	3.48	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.60%
7) Chloroethane-d5	1.93	69	96198	3.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.60%
11) 1,1-Dichloroethene-d2	2.59	63	136261	2.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.60%#
20) 2-Butanone-d5	4.66	46	276368	37.55	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.10%
24) Chloroform-d	5.10	84	167614	3.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.00%
26) 1,2-Dichloroethane-d4	5.74	65	107557	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.00%
32) Benzene-d6	5.76	84	406264	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.40%
36) 1,2-Dichloropropane-d6	6.72	67	132631	4.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.40%
41) Toluene-d8	7.92	98	367768	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.00%
43) trans-1,3-Dichloropropene-	8.20	79	43583	3.50	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.00%
46) 2-Hexanone-d5	8.65	63	236848	40.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.62%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	97057	3.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.20%
64) 1,2-Dichlorobenzene-d4	12.20	152	128732	4.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.20%

Target Compounds

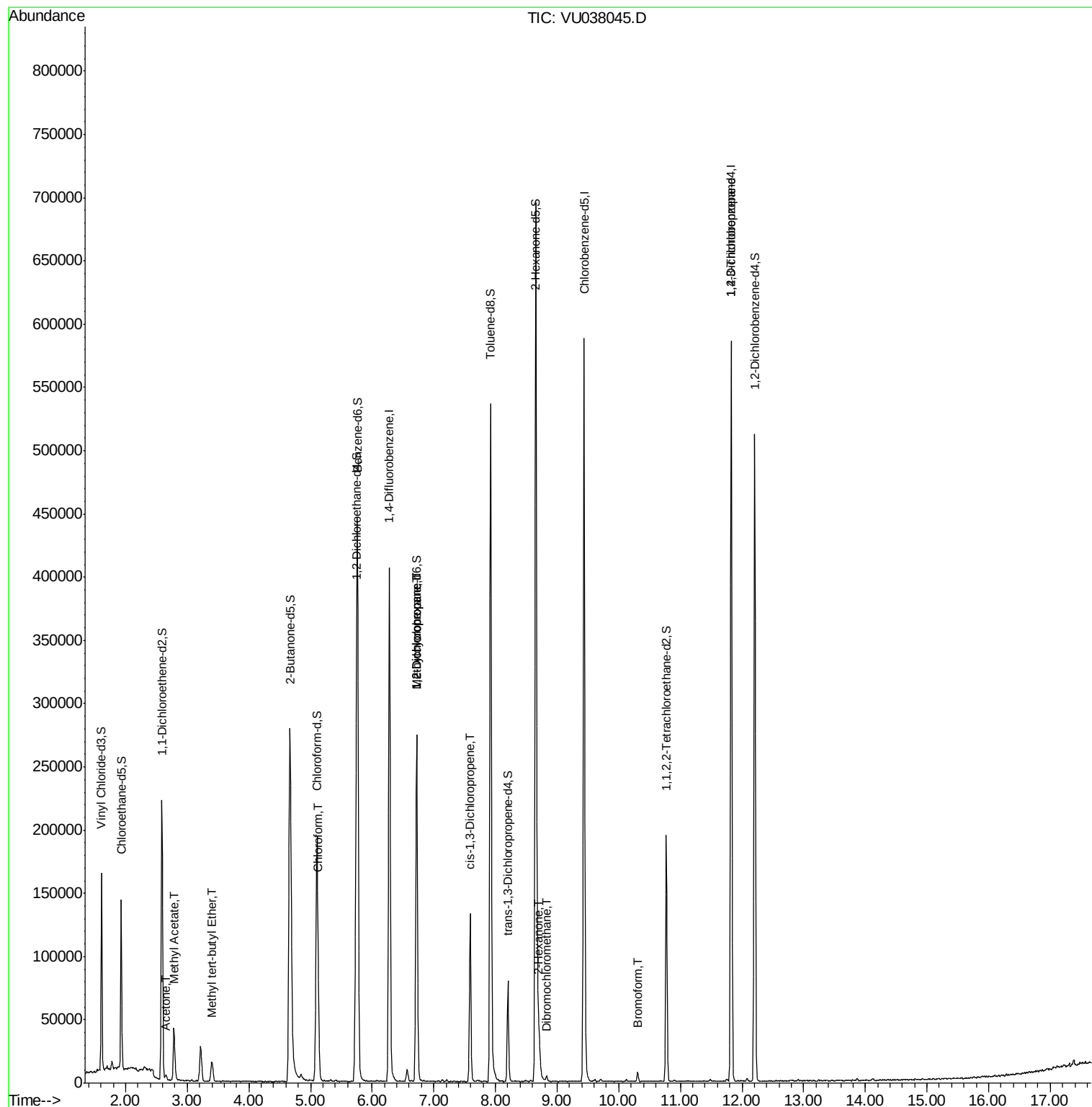
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.65	43	5232	1.133	ug/L	89
15) Methyl Acetate	2.79	43	11679	0.904	ug/L #	53
17) Methyl tert-butyl Ether	3.40	73	16668	0.265	ug/L	93
25) Chloroform	5.13	83	39977	0.888	ug/L	100
35) Methylcyclohexane	6.72	83	28322	0.680	ug/L #	16
37) 1,2-Dichloropropane	6.72	63	13719	0.491	ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	3210	0.080	ug/L #	63
48) 2-Hexanone	8.71	43	22834	1.610	ug/L #	91
49) Dibromochloromethane	8.83	129	1938	0.096	ug/L	92
59) 1,2,3-Trichloropropane	11.82	75	20900	1.115	ug/L	94
61) Bromoform	10.31	173	3266	0.336	ug/L #	95

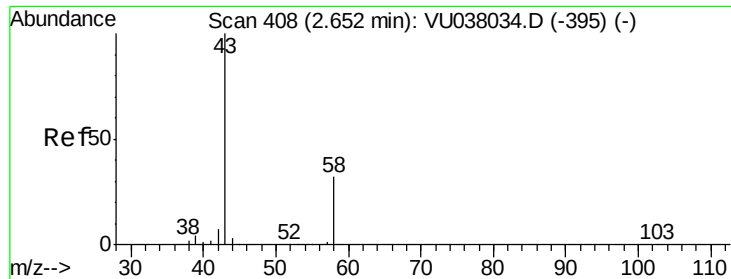
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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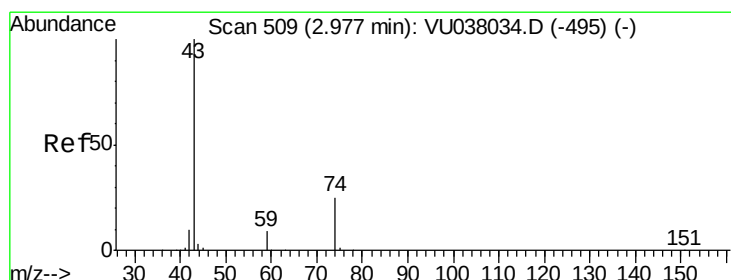
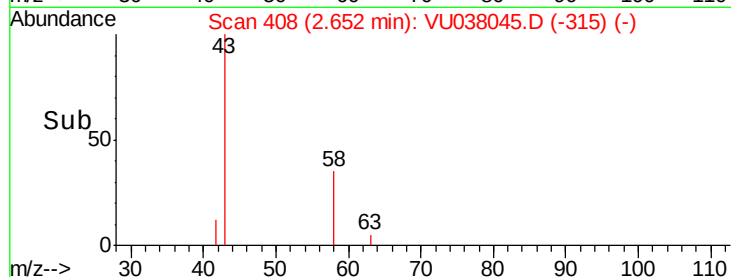
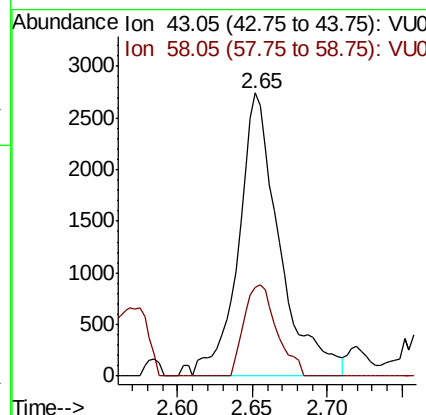
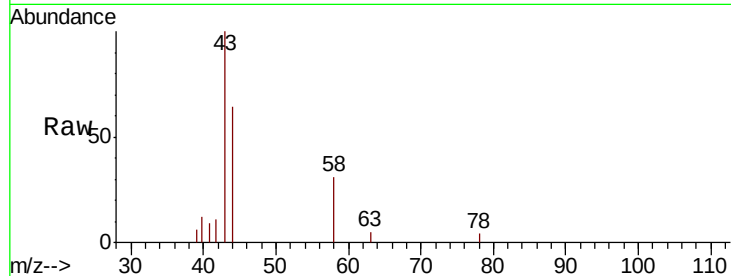




#13
Acetone
Concen: 1.133 ug/L
RT: 2.65 min Scan# 408
Delta R.T. -0.00 min
Lab File: VU038045.D
Acq: 07 May 2020 17:44

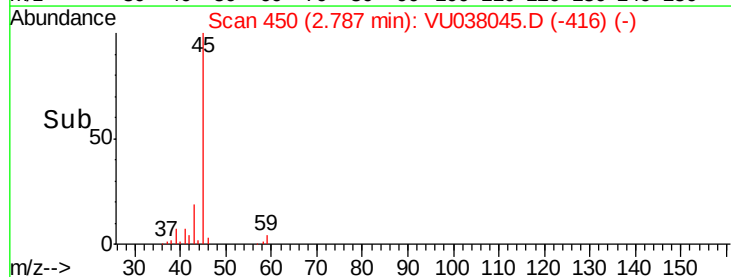
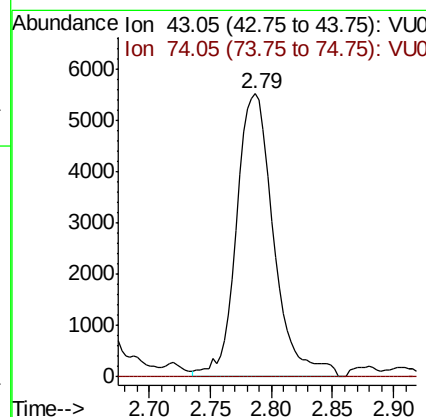
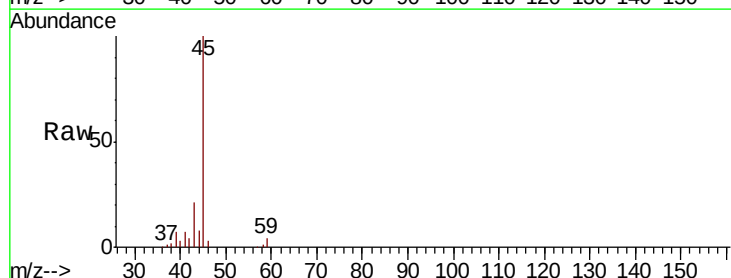
Instrument :
MSVOA_U
ClientSampled :

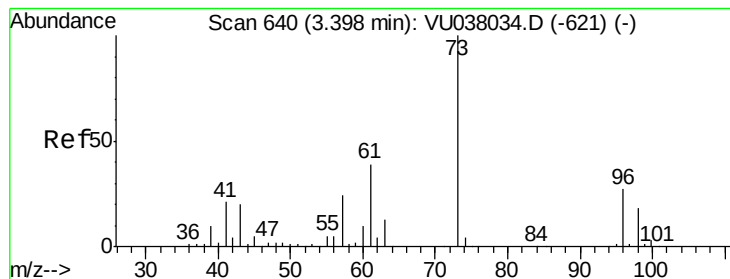
Tot Ion: 43 Resp: 5232
Ion Ratio Lower Upper
43 100
58 25.6 0.0 63.6



#15
Methyl Acetate
Concen: 0.904 ug/L
RT: 2.79 min Scan# 450
Delta R.T. -0.19 min
Lab File: VU038045.D
Acq: 07 May 2020 17:44

Tgt Ion: 43 Resp: 11679
Ion Ratio Lower Upper
43 100
74 0.0 18.0 27.0#





#17

Methyl tert-butyl Ether

Concen: 0.265 ug/L

RT: 3.40 min Scan# 640

Delta R.T. -0.00 min

Lab File: VU038045.D

Acq: 07 May 2020 17:44

Instrument :

MSVOA_U

ClientSampled :

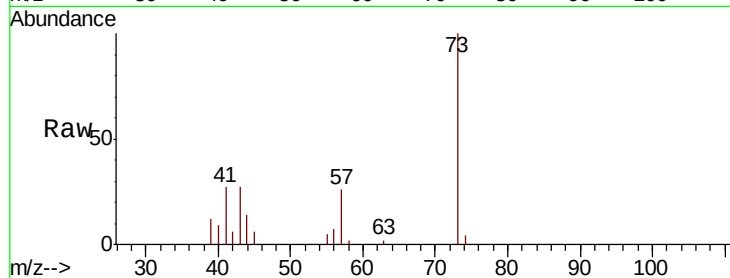
Tot Ion: 73 Resp: 16668

Ion Ratio Lower Upper

73 100

43 24.3 16.9 25.3

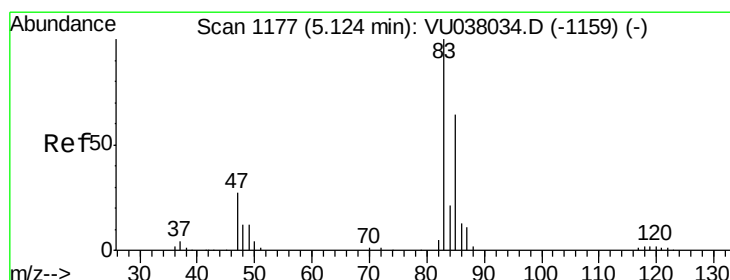
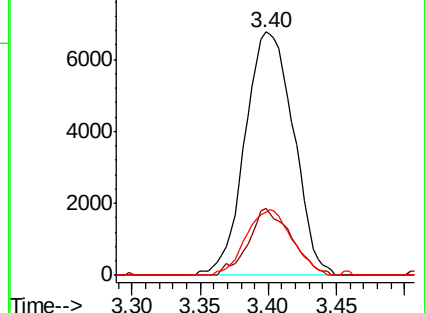
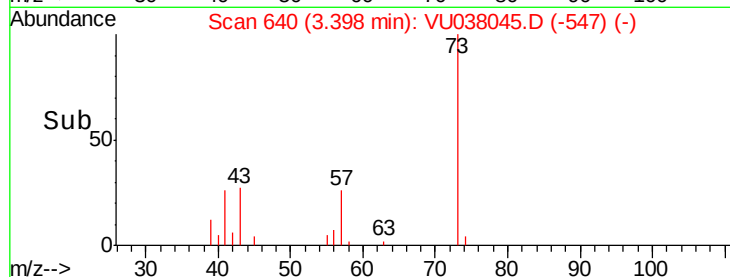
57 25.8 18.2 27.2



Abundance Ion 73.10 (72.80 to 73.80): VU038034.D (-621) (-)

Ion 43.05 (42.75 to 43.75): VU038034.D (-621) (-)

Ion 57.10 (56.80 to 57.80): VU038034.D (-621) (-)



#25

Chloroform

Concen: 0.888 ug/L

RT: 5.13 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VU038045.D

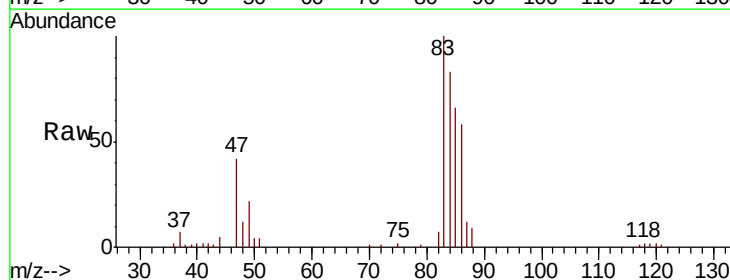
Acq: 07 May 2020 17:44

Tgt Ion: 83 Resp: 39977

Ion Ratio Lower Upper

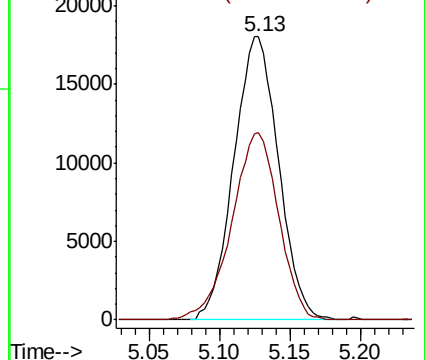
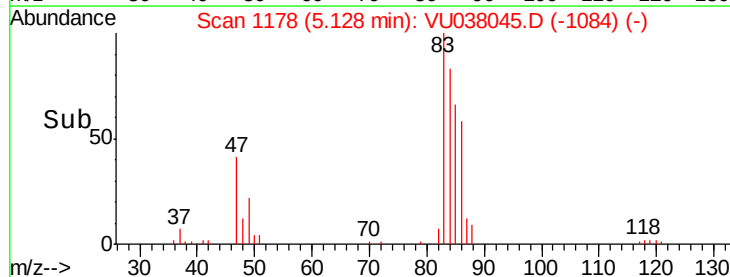
83 100

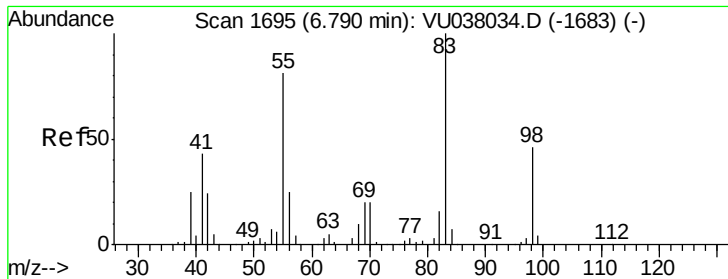
85 66.1 46.2 85.8



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

Ion 85.00 (84.70 to 85.70): VU038034.D (-1159) (-)

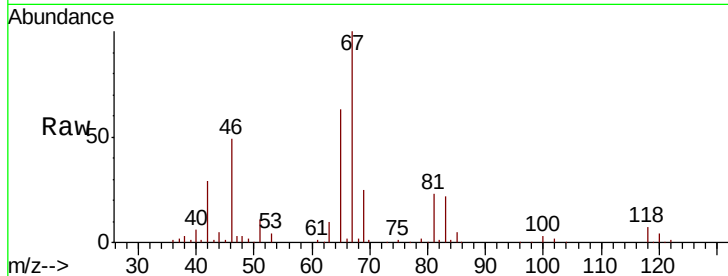




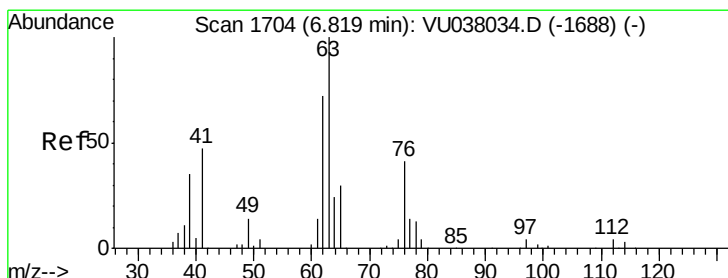
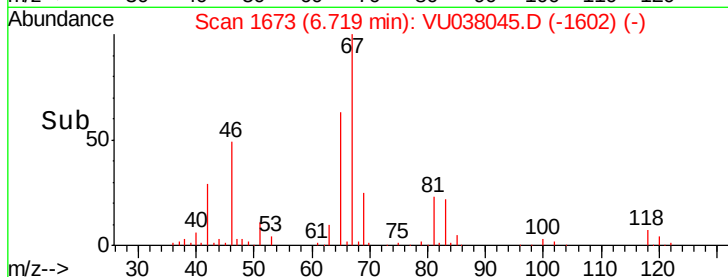
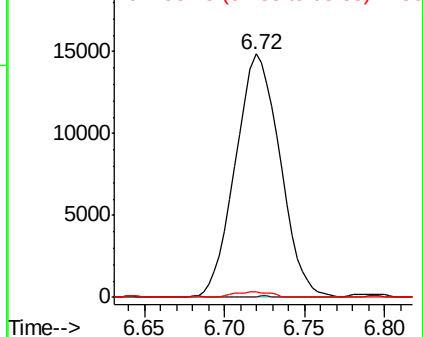
#35
Methylvlcyclohexane
Concen: 0.680 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038045.D
Acq: 07 May 2020 17:44

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 28322
Ion Ratio Lower Upper
83 100
55 0.1 66.7 100.1#
98 1.8 39.4 59.2#

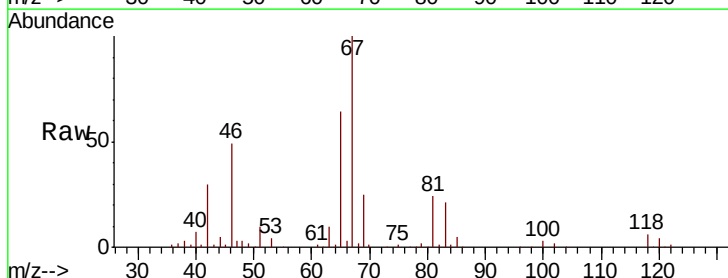


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

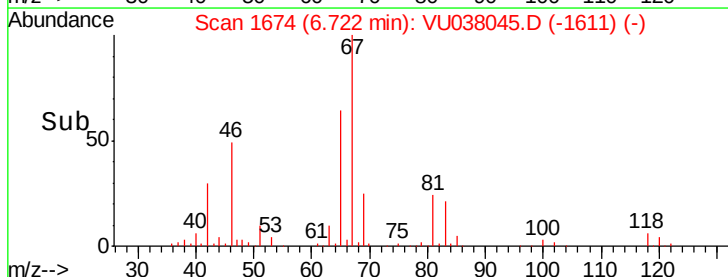
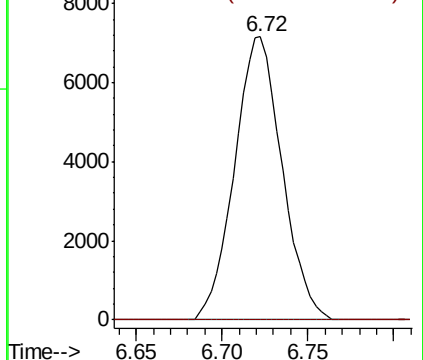


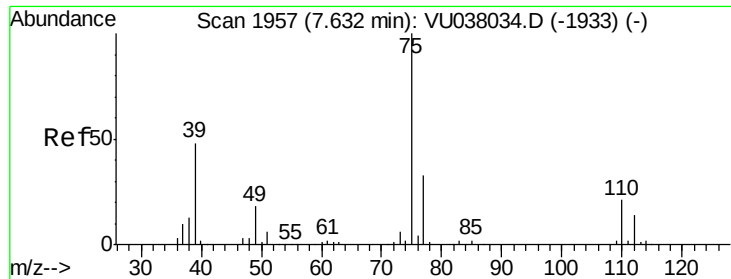
#37
1,2-Dichloropropane
Concen: 0.491 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU038045.D
Acq: 07 May 2020 17:44

Tgt Ion: 63 Resp: 13719
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

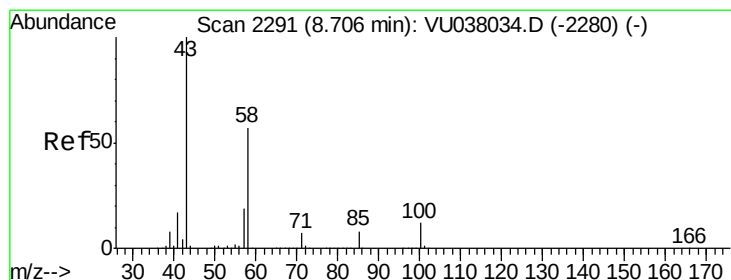
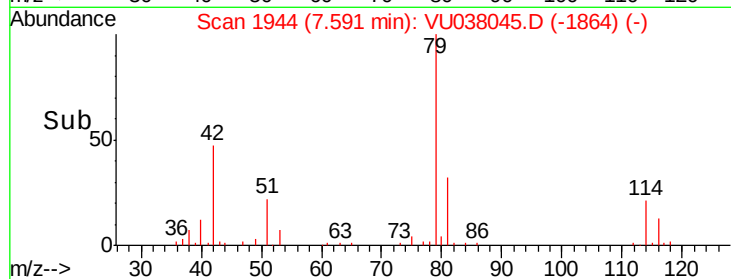
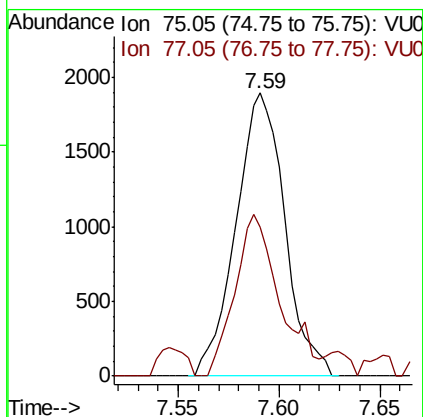
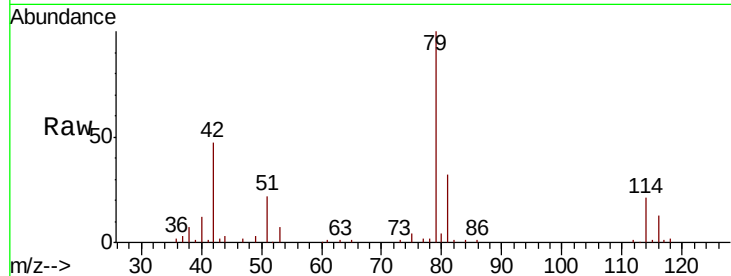




#39
 cis-1,3-Dichloropropene
 Concen: 0.080 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038045.D
 Acq: 07 May 2020 17:44

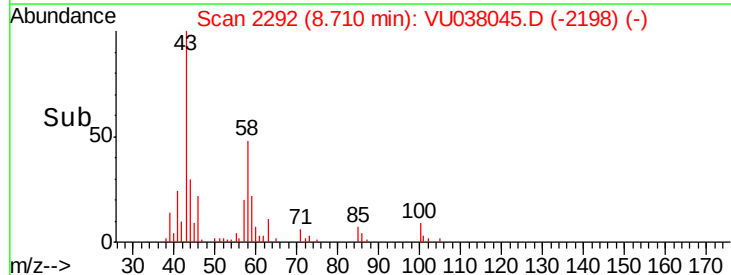
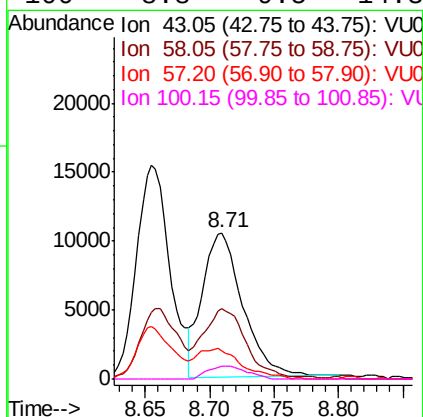
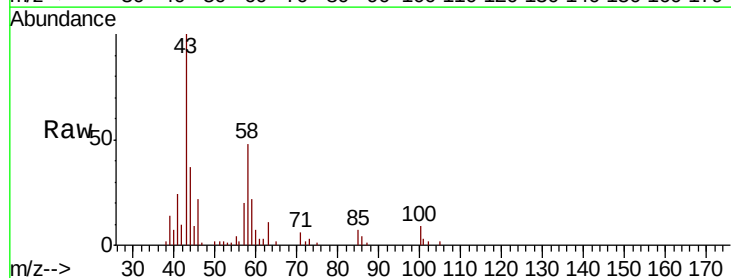
Instrument :
 MSVOA_U
 ClientSampleId :

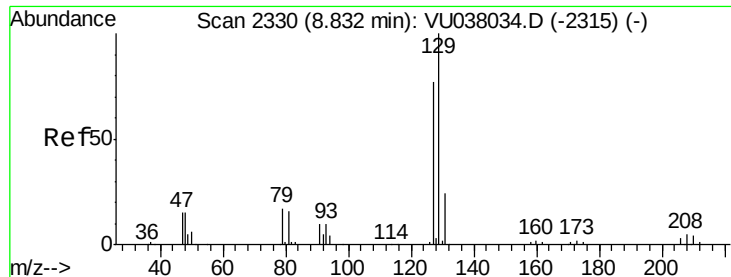
Tot Ion: 75 Resp: 3210
 Ion Ratio Lower Upper
 75 100
 77 52.7 22.4 41.6#



#48
 2-Hexanone
 Concen: 1.610 ug/L
 RT: 8.71 min Scan# 2292
 Delta R.T. 0.00 min
 Lab File: VU038045.D
 Acq: 07 May 2020 17:44

Tgt Ion: 43 Resp: 22834
 Ion Ratio Lower Upper
 43 100
 58 49.9 45.2 67.8
 57 23.4 15.5 23.3#
 100 8.8 9.5 14.3#





#49

Dibromochloromethane

Concen: 0.096 ug/L

RT: 8.83 min Scan# 2330

Delta R.T. -0.00 min

Lab File: VU038045.D

Acq: 07 May 2020 17:44

Instrument :

MSVOA_U

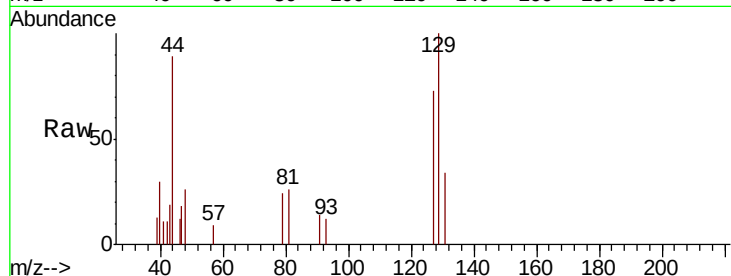
ClientSampleId :

Tot Ion:129 Resp: 1938

Ion Ratio Lower Upper

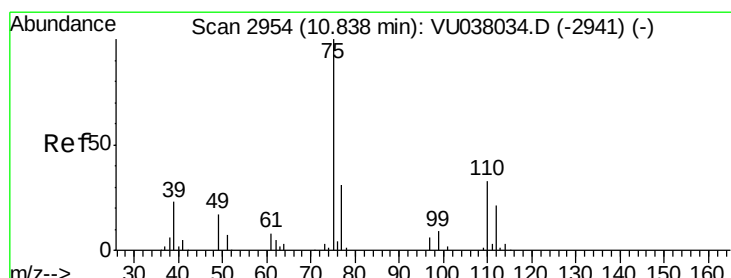
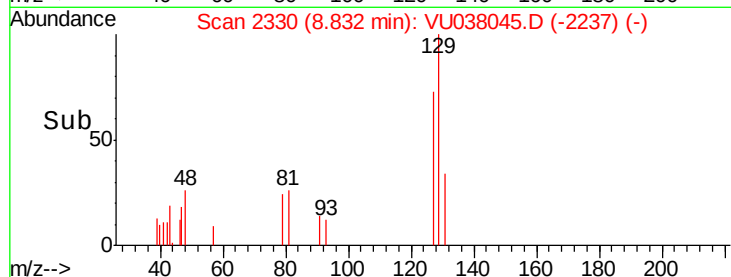
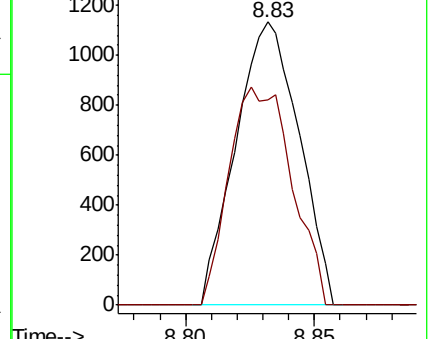
129 100

127 72.6 55.6 103.4



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



#59

1,2,3-Trichloropropane

Concen: 1.115 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038045.D

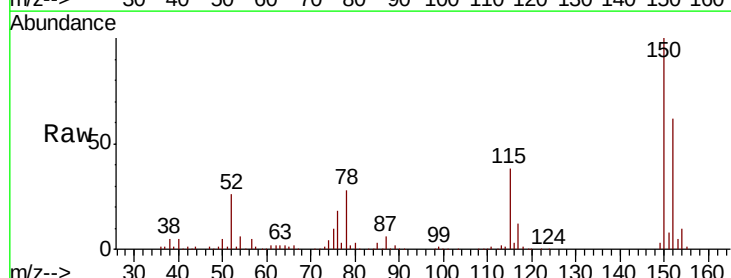
Acq: 07 May 2020 17:44

Tgt Ion: 75 Resp: 20900

Ion Ratio Lower Upper

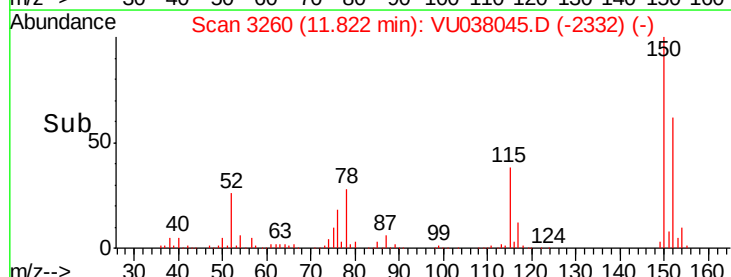
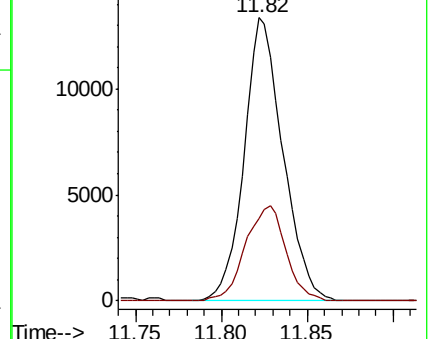
75 100

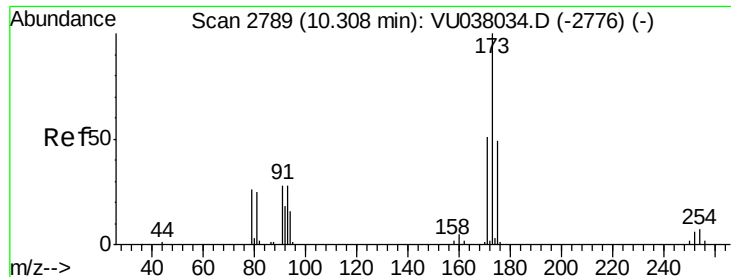
77 35.1 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0





#61

Bromoform

Concen: 0.336 ug/L

RT: 10.31 min Scan# 2789

Delta R.T. 0.00 min

Lab File: VU038045.D

Acq: 07 May 2020 17:44

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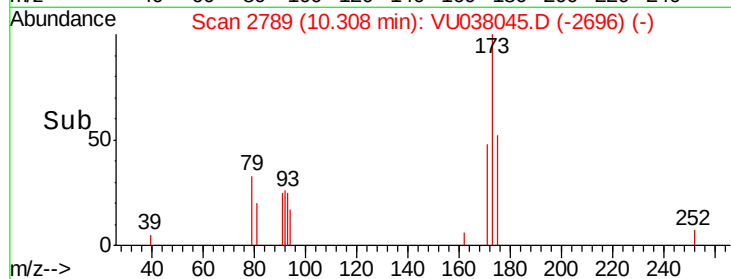
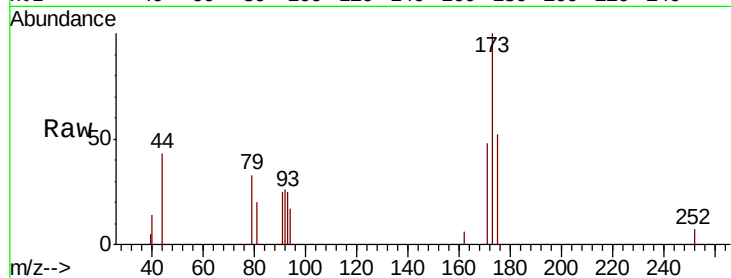
Tot Ion:173 Resp: 3266

Ion Ratio Lower Upper

173 100

175 46.8 39.5 59.3

254 0.0 5.0 7.4#



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 253.75 (253.45 to 254.45): V

