

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051520\
 Data File : VU038189.D
 Acq On : 15 May 2020 11:48
 Operator : JC/MD
 Sample : L2647-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 16 03:32:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 16 03:30:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	322353	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	311600	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	144227	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	97477	3.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.20%
7) Chloroethane-d5	1.93	69	100755	3.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.00%
11) 1,1-Dichloroethene-d2	2.59	63	130898	2.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.20%#
20) 2-Butanone-d5	4.68	46	414189	56.93	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.86%
24) Chloroform-d	5.10	84	199163	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
26) 1,2-Dichloroethane-d4	5.74	65	122119	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	5.76	84	409823	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
36) 1,2-Dichloropropane-d6	6.72	67	141925	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.20%
41) Toluene-d8	7.93	98	354281	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.40%
43) trans-1,3-Dichloropropene-	8.20	79	47620	3.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.80%
46) 2-Hexanone-d5	8.66	63	305013	53.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.02%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	113474	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	136479	4.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.20%

Target Compounds

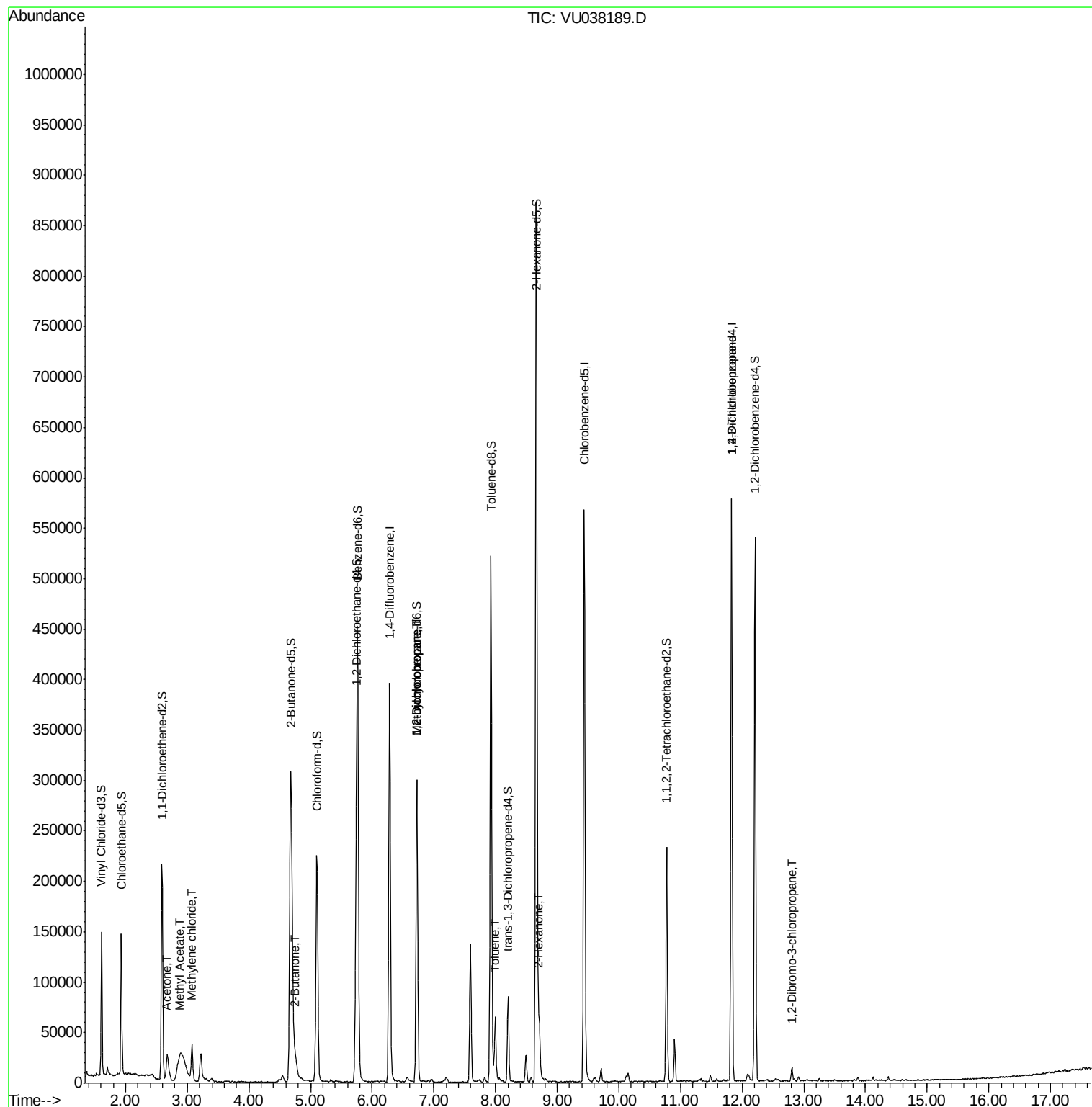
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.68	43	46857	10.266	ug/L	98
15) Methyl Acetate	2.87	43	9328	0.731	ug/L #	53
16) Methylene chloride	3.08	84	15403	0.591	ug/L	92
21) 2-Butanone	4.76	43	21072	2.616	ug/L	97
35) Methylcyclohexane	6.72	83	30813	0.762	ug/L #	16
37) 1,2-Dichloropropane	6.72	63	14286	0.527	ug/L #	89
42) Toluene	8.00	91	45180	0.429	ug/L	98
48) 2-Hexanone	8.71	43	29472	2.142	ug/L #	92
59) 1,2,3-Trichloropropane	11.83	75	19606	1.078	ug/L	90
66) 1,2-Dibromo-3-chloropropan	12.82	75	724	0.196	ug/L #	8

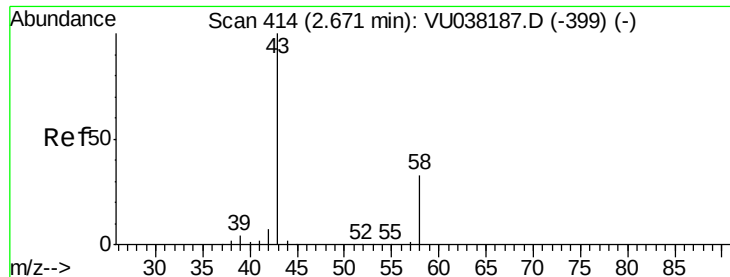
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 10.266 ug/L

RT: 2.68 min Scan# 416

Delta R.T. 0.01 min

Lab File: VU038189.D

Acq: 15 May 2020 11:48

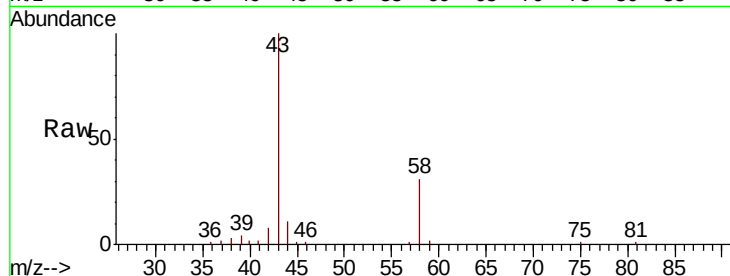
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 46857

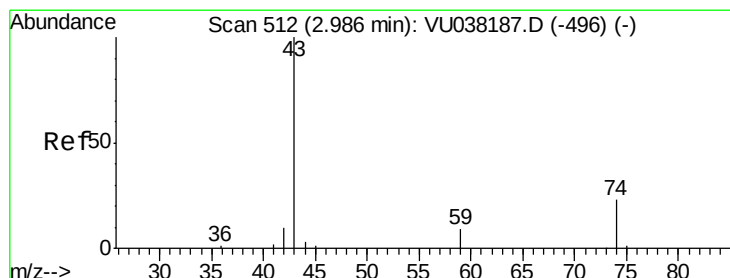
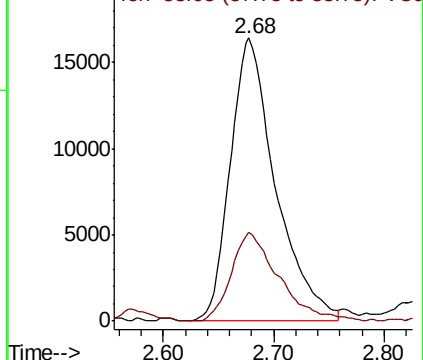
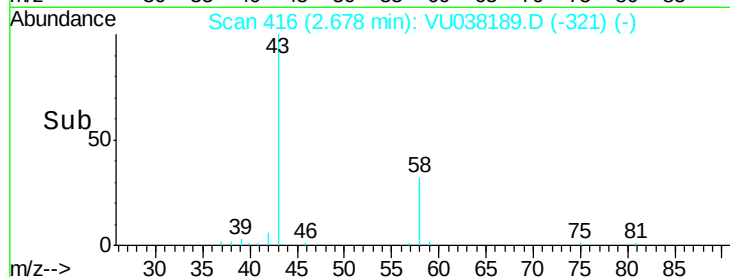
Ion Ratio Lower Upper

43 100

58 32.8 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VU038189.D (-321) (-)



#15

Methyl Acetate

Concen: 0.731 ug/L

RT: 2.87 min Scan# 476

Delta R.T. -0.12 min

Lab File: VU038189.D

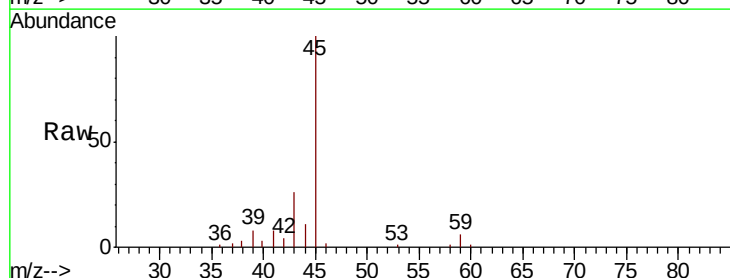
Acq: 15 May 2020 11:48

Tgt Ion: 43 Resp: 9328

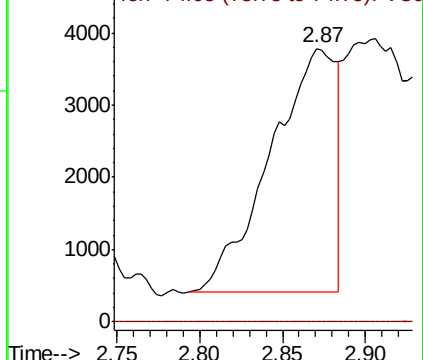
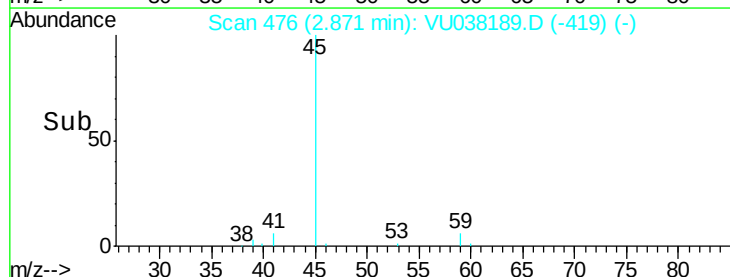
Ion Ratio Lower Upper

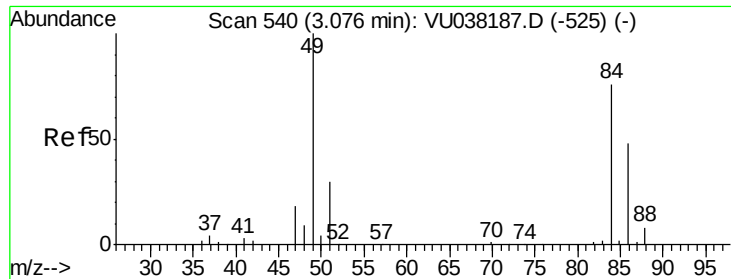
43 100

74 0.0 18.0 27.0#



Abundance Ion 43.05 (42.75 to 43.75): VU038189.D (-419) (-)

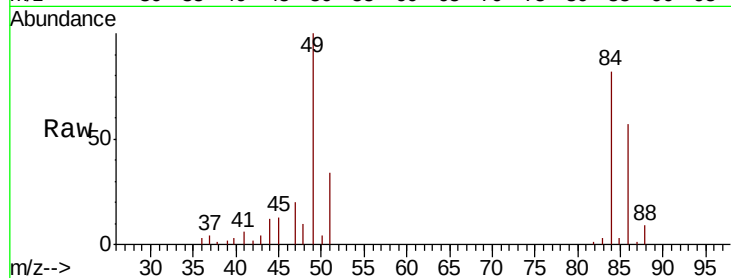




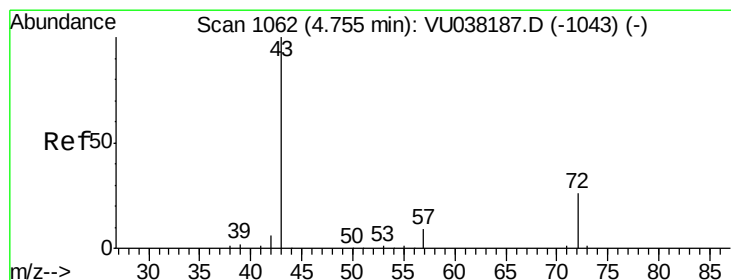
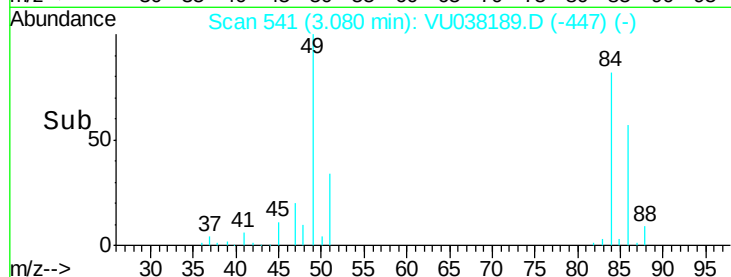
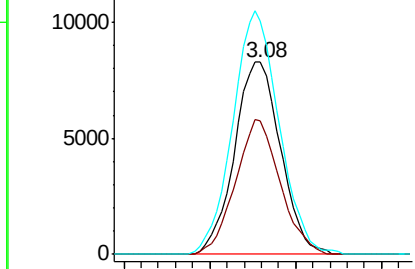
#16
Methylene chloride
Concen: 0.591 ug/L
RT: 3.08 min Scan# 541
Delta R.T. 0.00 min
Lab File: VU038189.D
Acq: 15 May 2020 11:48

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 84 Resp: 15403
Ion Ratio Lower Upper
84 100
86 69.3 44.9 83.3
49 121.7 92.0 170.9

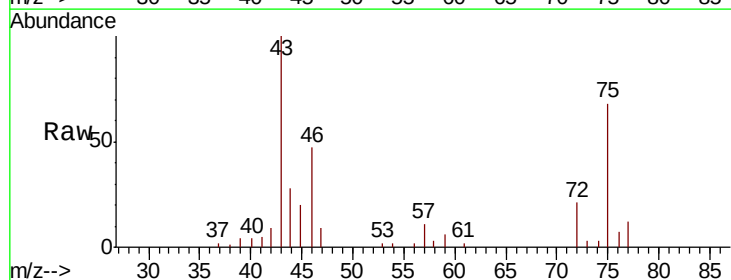


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

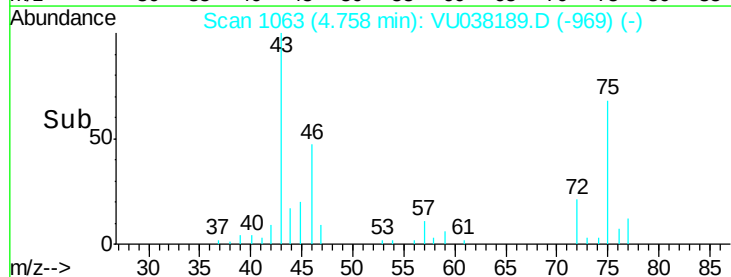
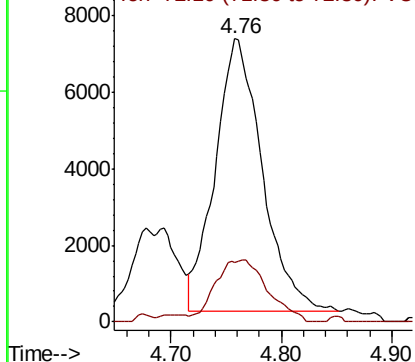


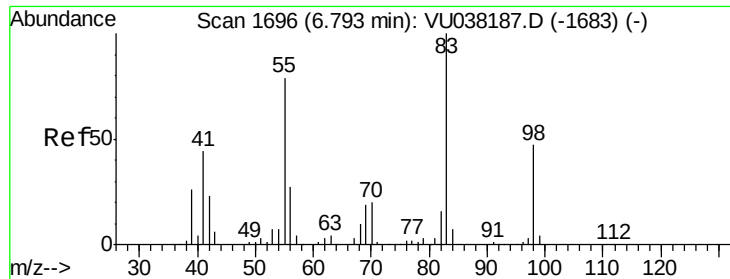
#21
2-Butanone
Concen: 2.616 ug/L
RT: 4.76 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VU038189.D
Acq: 15 May 2020 11:48

Tgt Ion: 43 Resp: 21072
Ion Ratio Lower Upper
43 100
72 25.3 13.5 40.4



Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 72.10 (71.80 to 72.80): VU0

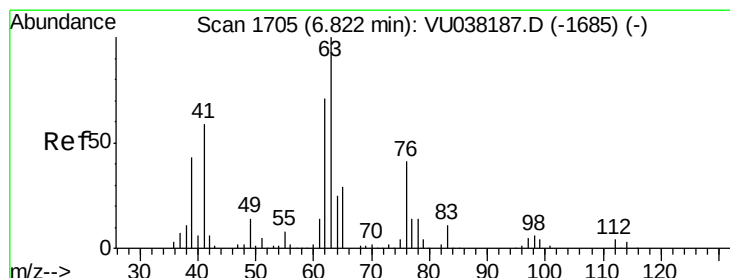
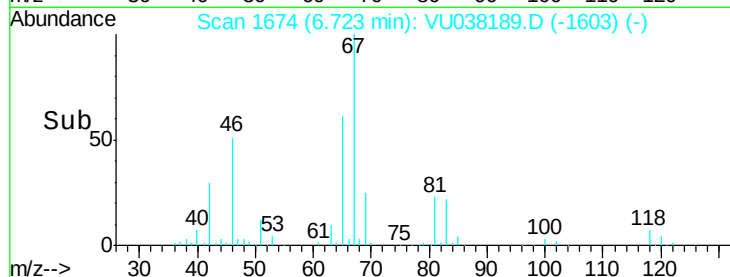
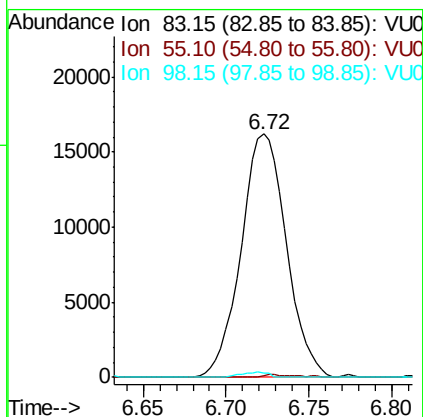
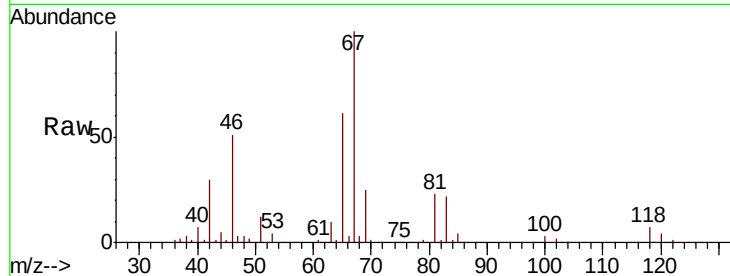




#35
Methylvlcyclohexane
Concen: 0.762 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038189.D
Acq: 15 May 2020 11:48

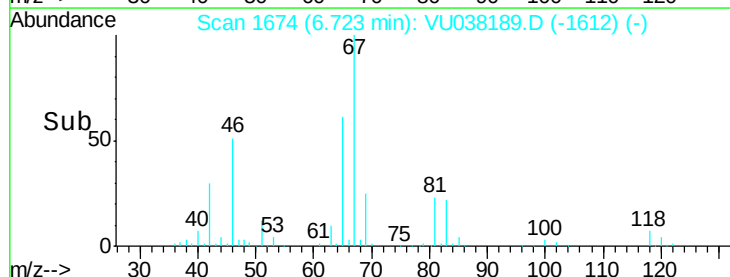
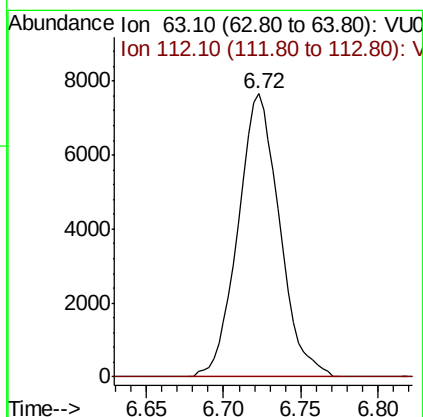
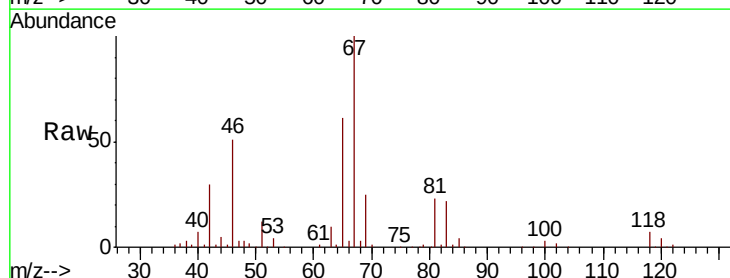
Instrument :
MSVOA_U
ClientSampleId :

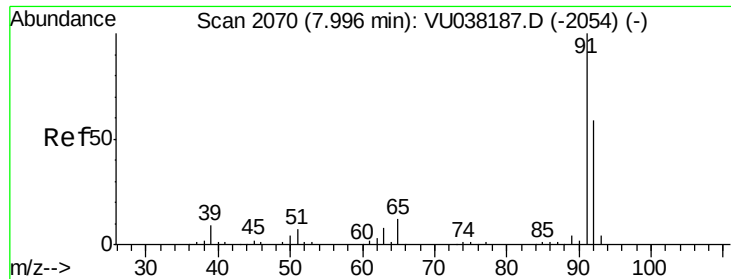
Tot Ion: 83 Resp: 30813
Ion Ratio Lower Upper
83 100
55 0.7 66.7 100.1#
98 1.3 39.4 59.2#



#37
1,2-Dichloropropane
Concen: 0.527 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU038189.D
Acq: 15 May 2020 11:48

Tgt Ion: 63 Resp: 14286
Ion Ratio Lower Upper
63 100
112 0.2 3.1 4.7#





#42

Toluene

Concen: 0.429 ug/L

RT: 8.00 min Scan# 2070

Delta R.T. -0.00 min

Lab File: VU038189.D

Acq: 15 May 2020 11:48

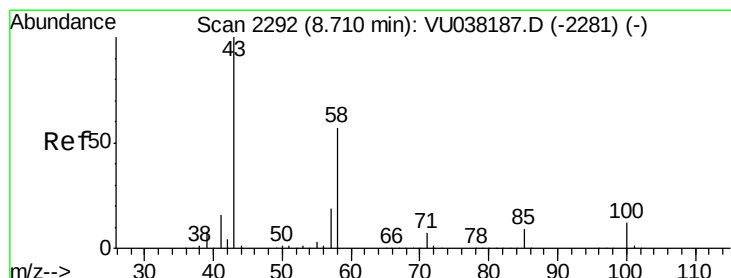
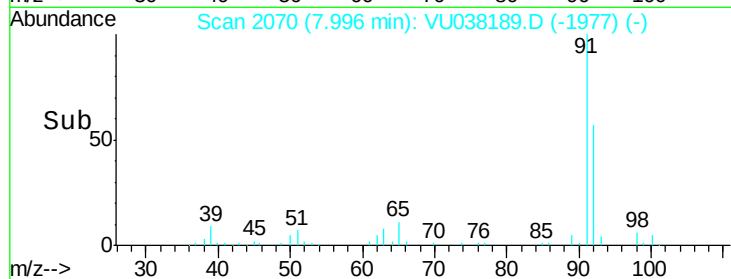
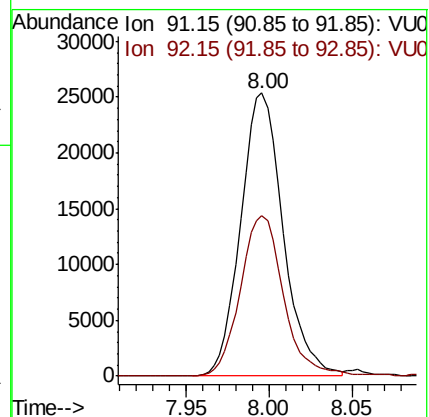
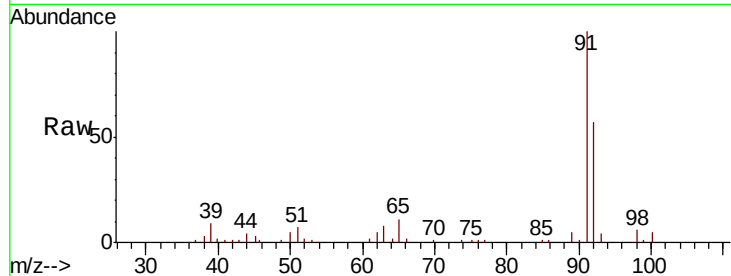
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 91 Resp: 45180

Ion Ratio Lower Upper

91 100

92 56.6 40.9 75.9



#48

2-Hexanone

Concen: 2.142 ug/L

RT: 8.71 min Scan# 2292

Delta R.T. -0.00 min

Lab File: VU038189.D

Acq: 15 May 2020 11:48

Tgt Ion: 43 Resp: 29472

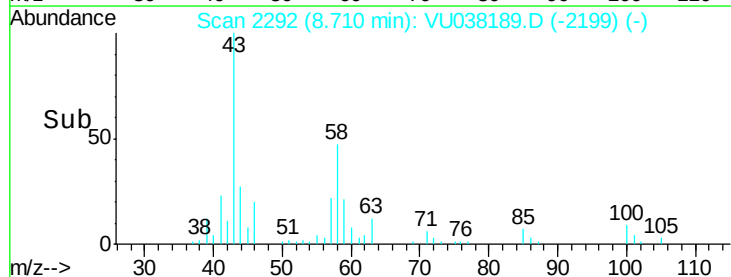
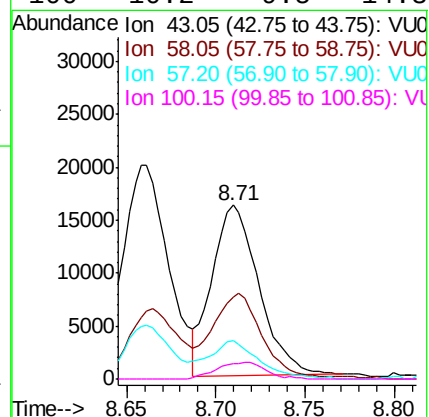
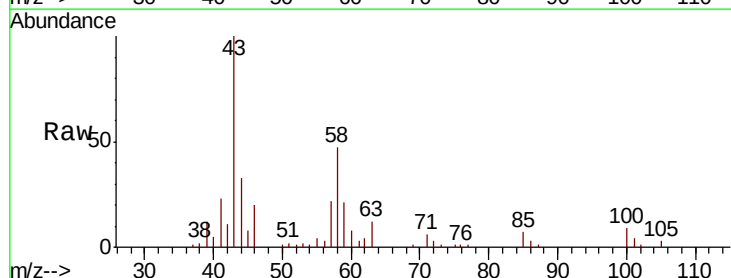
Ion Ratio Lower Upper

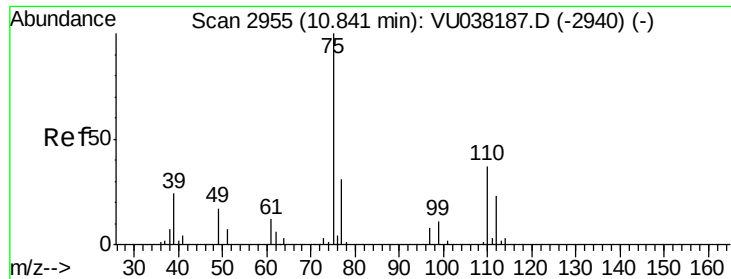
43 100

58 50.7 45.2 67.8

57 23.8 15.5 23.3#

100 10.2 9.5 14.3

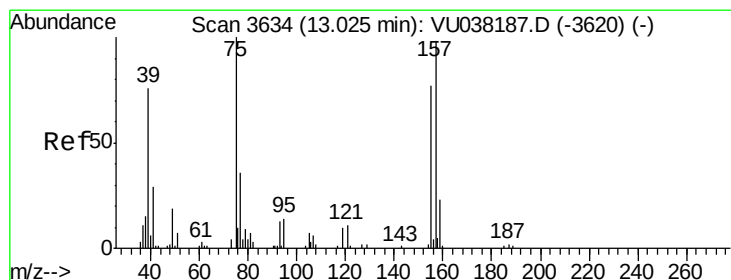
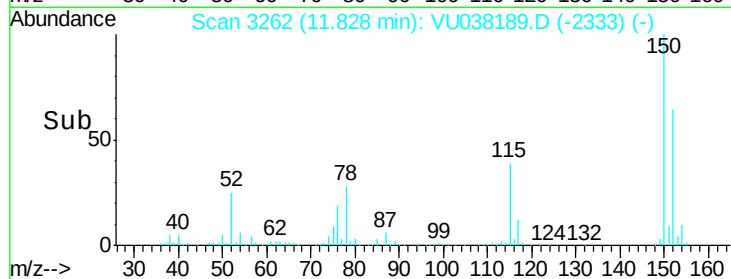
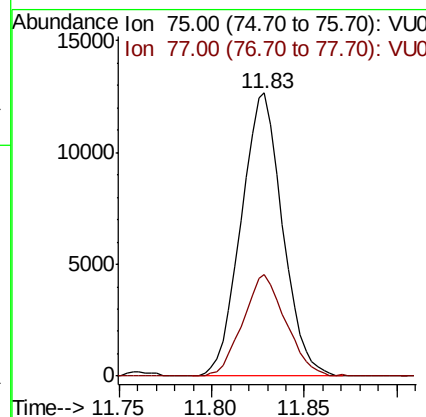
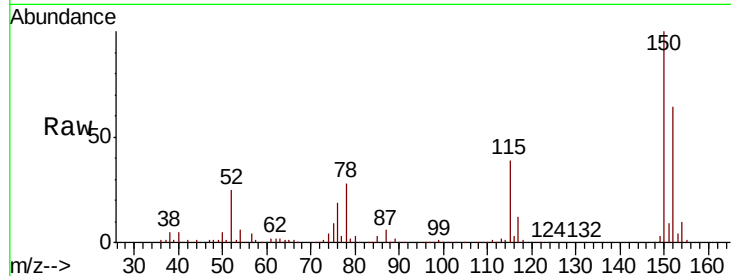




#59
 1,2,3-Trichloropropane
 Concen: 1.078 ug/L
 RT: 11.83 min Scan# 3262
 Delta R.T. 0.99 min
 Lab File: VU038189.D
 Acq: 15 May 2020 11:48

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 75 Resp: 19606
 Ion Ratio Lower Upper
 75 100
 77 37.0 25.4 38.0



#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.196 ug/L
 RT: 12.82 min Scan# 3569
 Delta R.T. -0.21 min
 Lab File: VU038189.D
 Acq: 15 May 2020 11:48

Tgt Ion: 75 Resp: 724
 Ion Ratio Lower Upper
 75 100
 155 0.0 58.2 87.2#
 157 0.0 72.9 109.3#

