

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061220\
 Data File : VU038822.D
 Acq On : 11 Jun 2020 14:15
 Operator : SY/MD
 Sample : L2933-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AH6

Quant Time: Jun 12 01:05:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 12 01:02:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	283166	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	282643	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	133314	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	67234	3.67	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.40%
7) Chloroethane-d5	1.93	69	66437	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.40%
11) 1,1-Dichloroethene-d2	2.59	63	116272	3.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.40%
20) 2-Butanone-d5	4.67	46	315279	56.63	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.26%
24) Chloroform-d	5.10	84	179210	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
26) 1,2-Dichloroethane-d4	5.74	65	108102	5.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.60%
32) Benzene-d6	5.76	84	345285	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
36) 1,2-Dichloropropane-d6	6.72	67	107193	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.92	98	284667	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloropropene-	8.20	79	41648	4.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.20%
46) 2-Hexanone-d5	8.65	63	256252	55.61	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.22%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	95380	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	121822	5.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.00%

Target Compounds

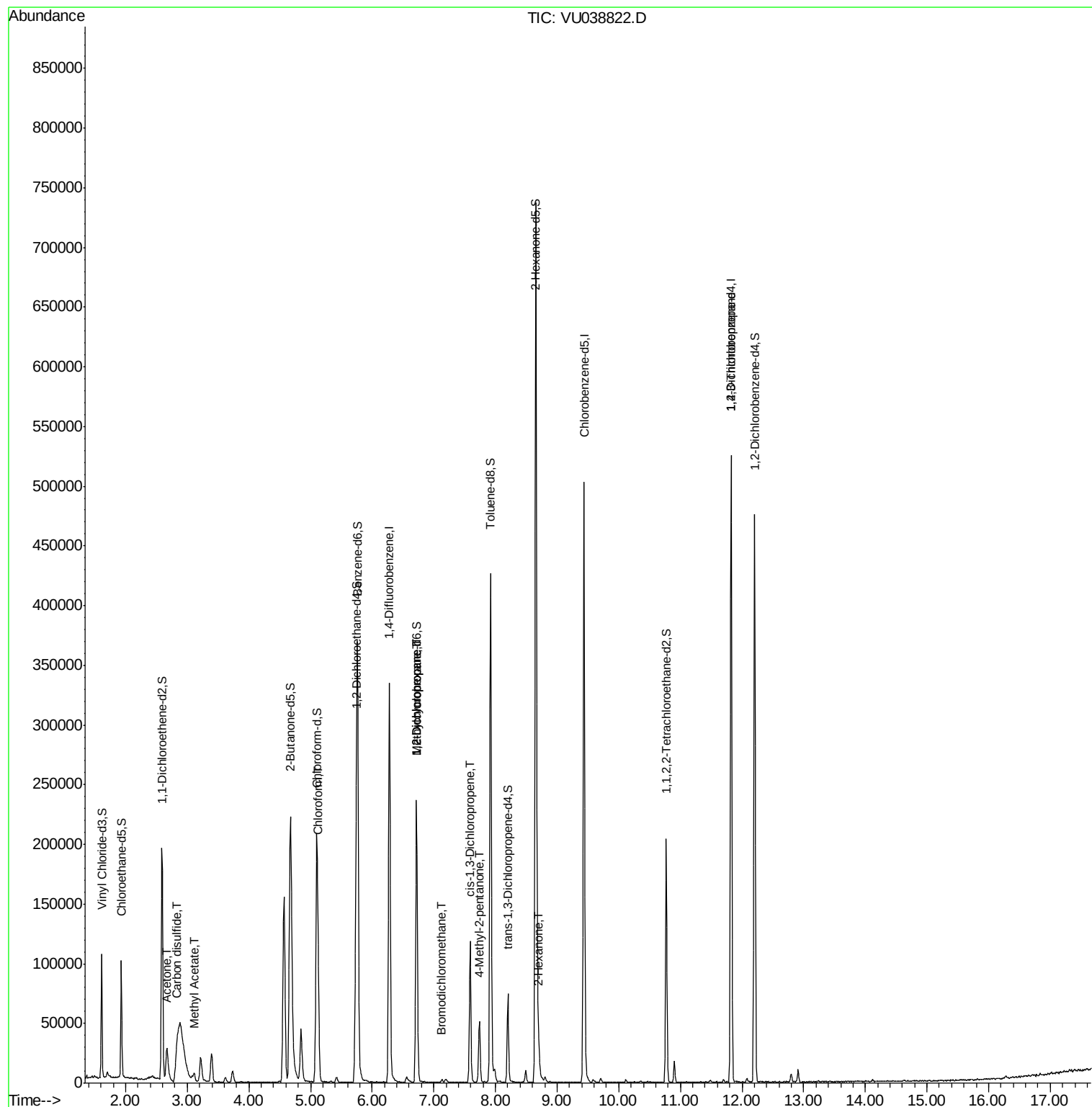
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.67	43	49251	13.518	ug/L	100
14) Carbon disulfide	2.82	76	5367	0.091	ug/L #	86
15) Methyl Acetate	3.11	43	4939	0.553	ug/L #	51
25) Chloroform	5.12	83	51736	1.514	ug/L	100
35) Methylcyclohexane	6.72	83	26803	0.846	ug/L #	17
37) 1,2-Dichloropropane	6.72	63	11919	0.601	ug/L #	86
38) Bromodichloromethane	7.13	83	1914	0.078	ug/L #	83
39) cis-1,3-Dichloropropene	7.59	75	3242	0.111	ug/L	84
40) 4-Methyl-2-pentanone	7.74	43	22981	1.620	ug/L #	45
48) 2-Hexanone	8.71	43	13497	1.257	ug/L	93
59) 1,2,3-Trichloropropane	11.82	75	16811	1.136	ug/L	90

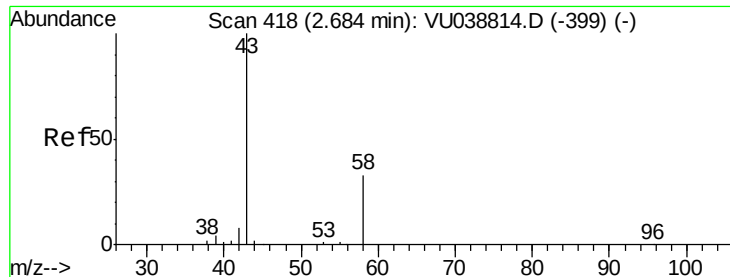
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 12 01:05:00 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR053120WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 12 01:02:05 2020
Response via : Initial Calibration





#13

Acetone

Concen: 13.518 ug/L

RT: 2.67 min Scan# 413

Delta R.T. -0.02 min

Lab File: VU038822.D

Acq: 11 Jun 2020 14:15

Instrument :

MSVOA_U

ClientSampleId :

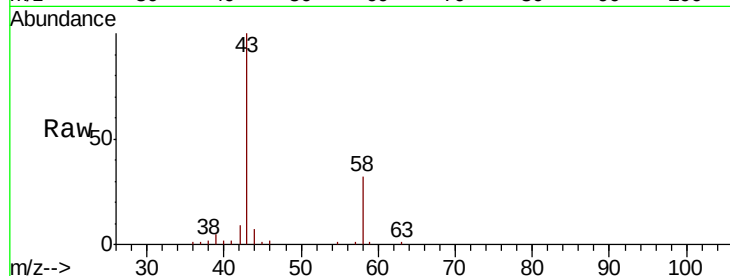
C0AH6

Tot Ion: 43 Resp: 49251

Ion Ratio Lower Upper

43 100

58 32.9 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU038814.D (-399) (-)

Ion 58.05 (57.75 to 58.75): VU038814.D (-399) (-)

20000

15000

10000

5000

0

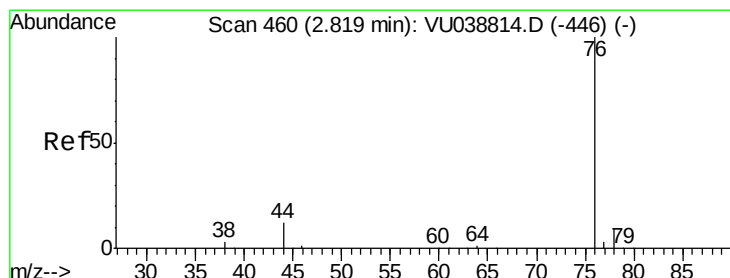
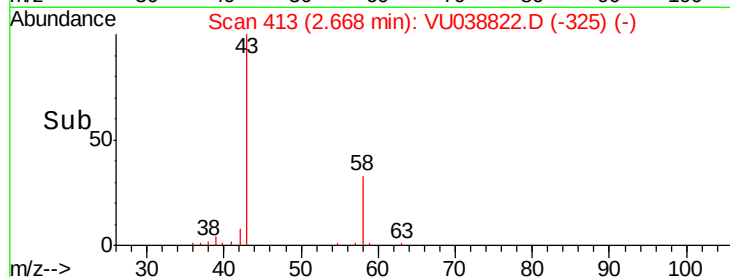
2.60

2.67

2.70

2.80

Time-->



#14

Carbon disulfide

Concen: 0.091 ug/L

RT: 2.82 min Scan# 461

Delta R.T. 0.00 min

Lab File: VU038822.D

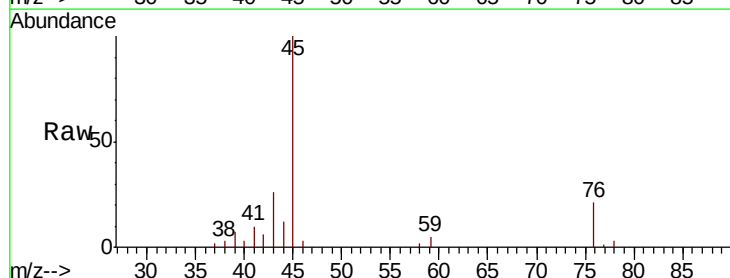
Acq: 11 Jun 2020 14:15

Tgt Ion: 76 Resp: 5367

Ion Ratio Lower Upper

76 100

78 14.2 7.3 10.9#



Abundance Ion 76.05 (75.75 to 76.75): VU038814.D (-446) (-)

Ion 78.00 (77.70 to 78.70): VU038814.D (-446) (-)

3000

2000

1000

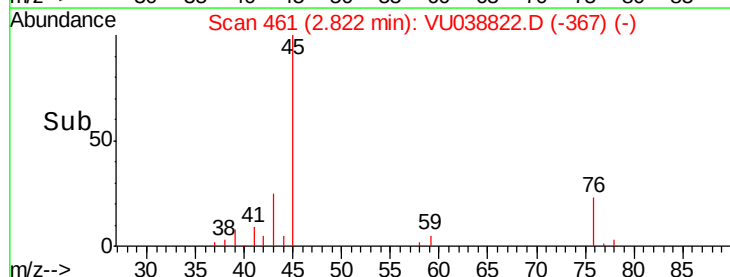
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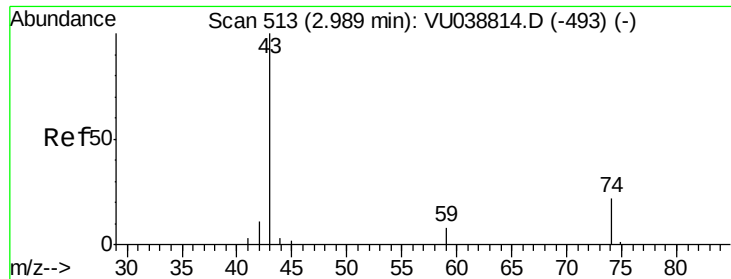
2.80

2.82

2.85

Time-->

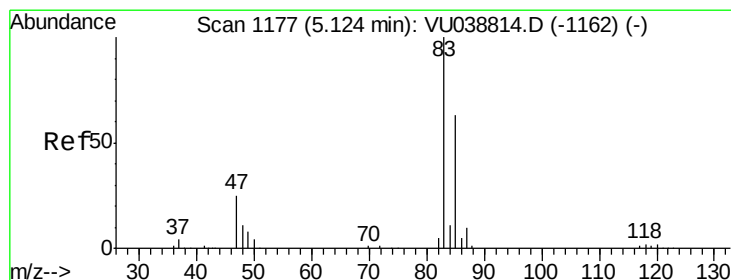
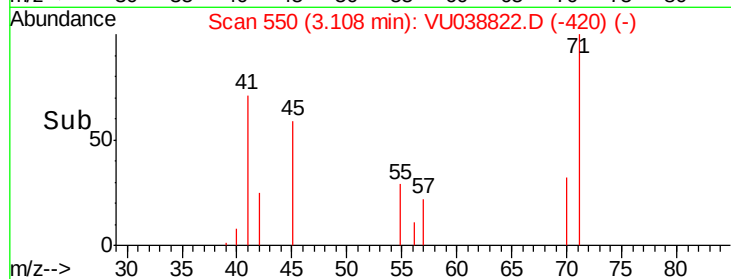
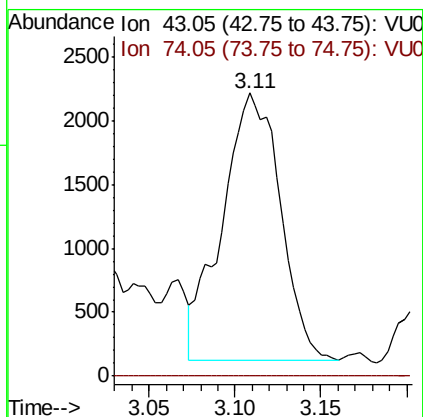
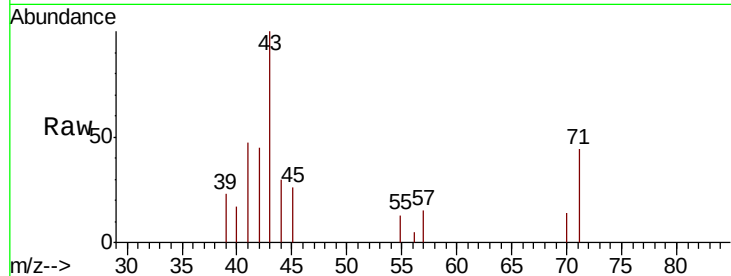




#15
Methvl Acetate
Concen: 0.553 ug/L
RT: 3.11 min Scan# 550
Delta R.T. 0.12 min
Lab File: VU038822.D
Acq: 11 Jun 2020 14:15

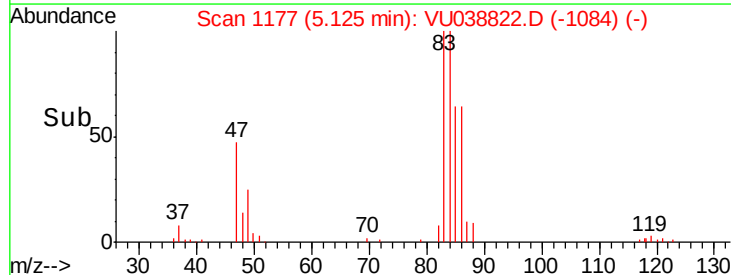
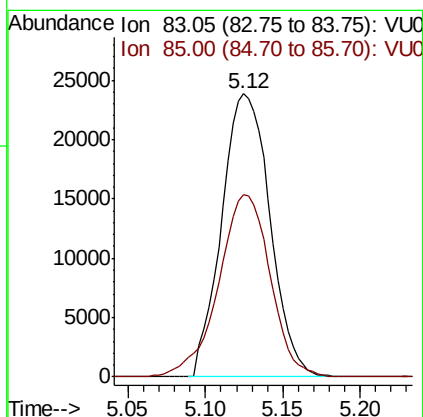
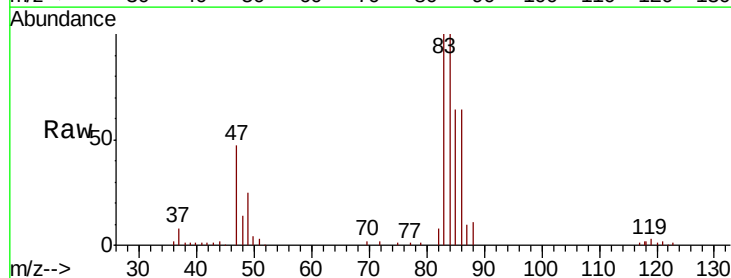
Instrument :
MSVOA_U
ClientSampleId :
C0AH6

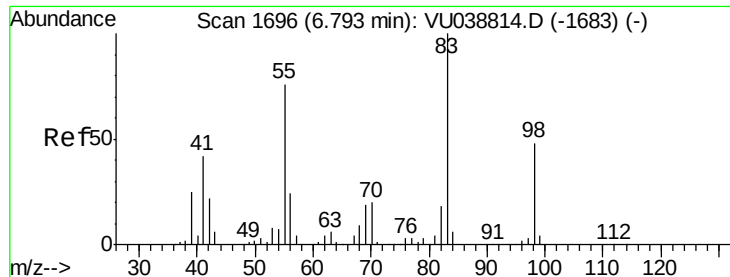
Tot Ion: 43 Resp: 4939
Ion Ratio Lower Upper
43 100
74 0.0 19.2 28.8#



#25
Chloroform
Concen: 1.514 ug/L
RT: 5.12 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VU038822.D
Acq: 11 Jun 2020 14:15

Tgt Ion: 83 Resp: 51736
Ion Ratio Lower Upper
83 100
85 64.4 44.9 83.5

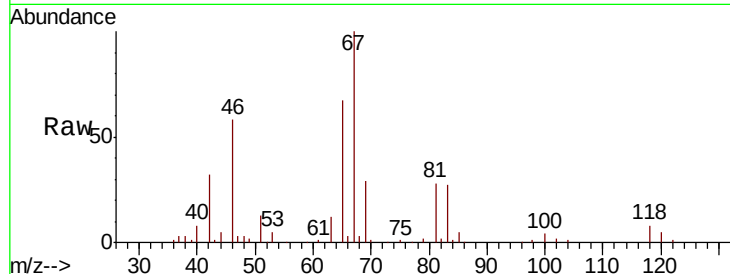




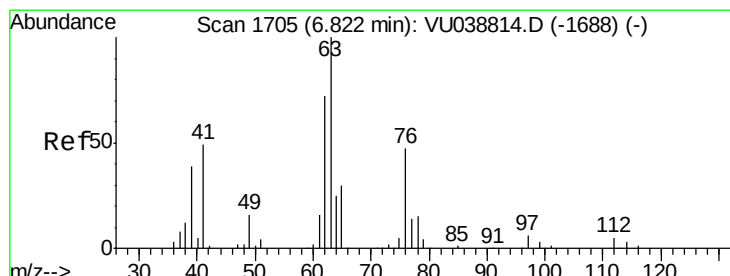
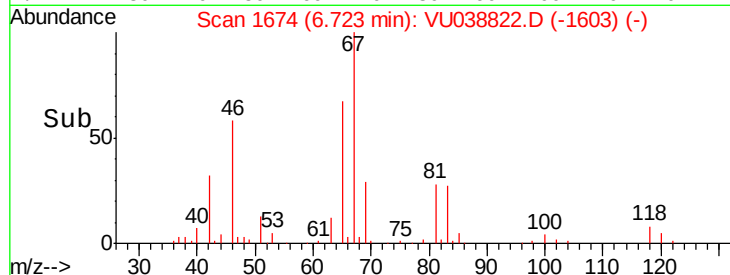
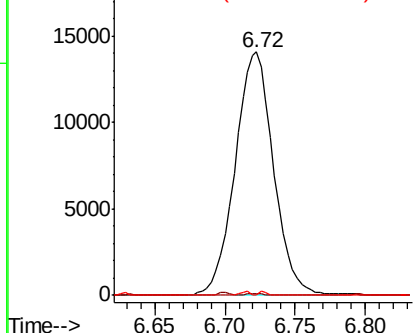
#35
Methylvlcyclohexane
Concen: 0.846 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038822.D
Acq: 11 Jun 2020 14:15

Instrument :
MSVOA_U
ClientSampleId :
C0AH6

Tot Ion: 83 Resp: 26803
Ion Ratio Lower Upper
83 100
55 0.3 63.4 95.2#
98 0.3 39.0 58.4#

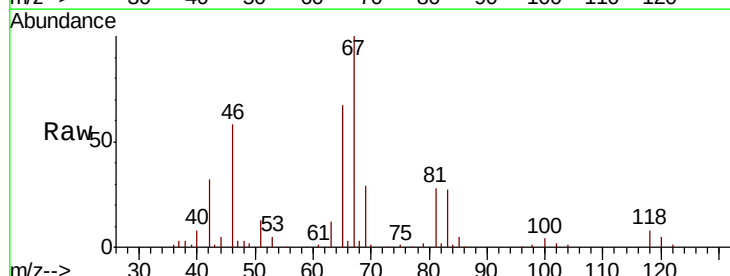


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

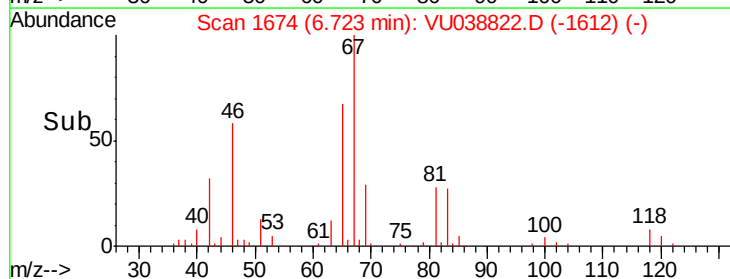
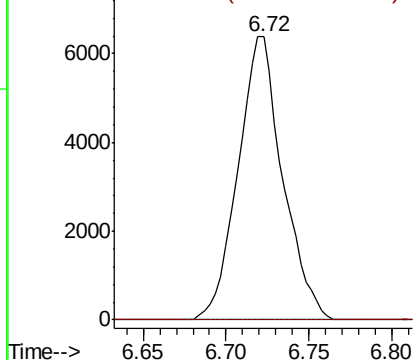


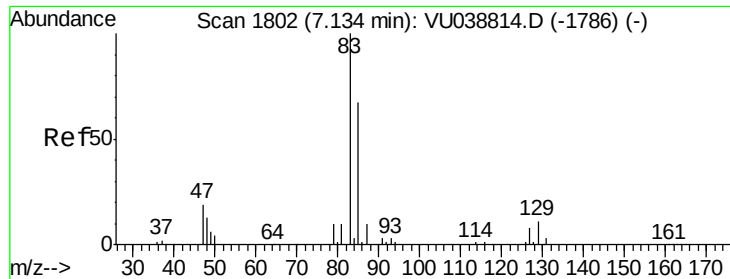
#37
1,2-Dichloropropane
Concen: 0.601 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU038822.D
Acq: 11 Jun 2020 14:15

Tgt Ion: 63 Resp: 11919
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#



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

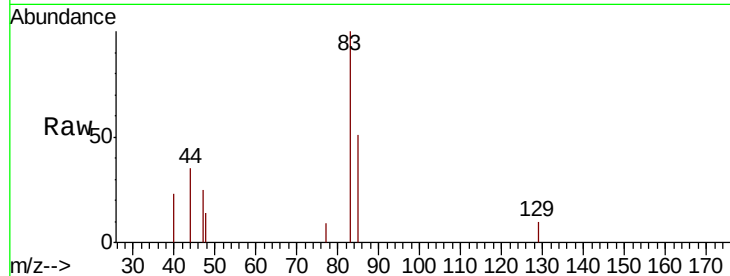




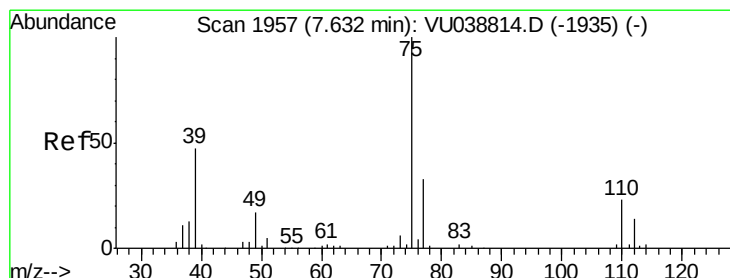
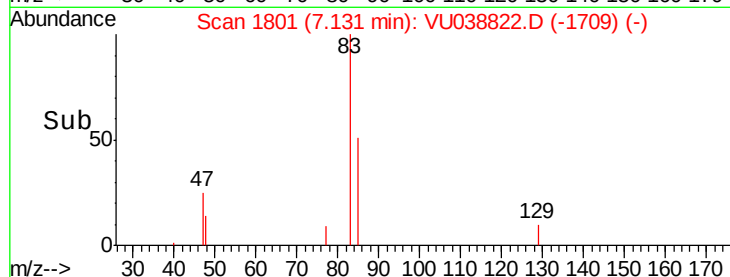
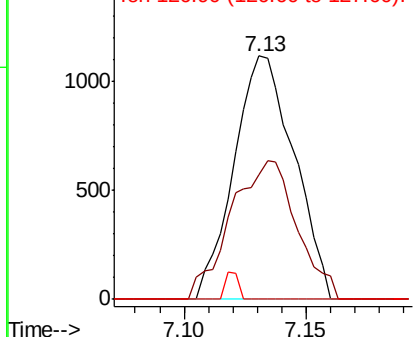
#38
Bromodichloromethane
Concen: 0.078 ug/L
RT: 7.13 min Scan# 1801
Delta R.T. -0.00 min
Lab File: VU038822.D
Acq: 11 Jun 2020 14:15

Instrument :
MSVOA_U
ClientSampleId :
C0AH6

Tot Ion: 83 Resp: 1914
Ion Ratio Lower Upper
83 100
85 51.2 44.7 83.1
127 0.0 6.8 10.2#

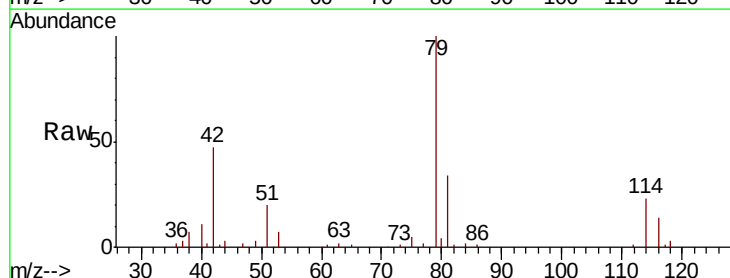


Abundance Ion 82.95 (82.65 to 83.65): VU0
Ion 85.00 (84.70 to 85.70): VU0
Ion 126.90 (126.60 to 127.60): V

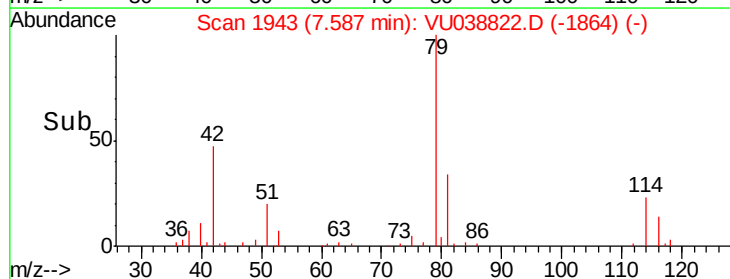
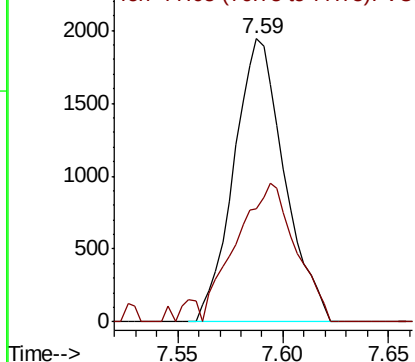


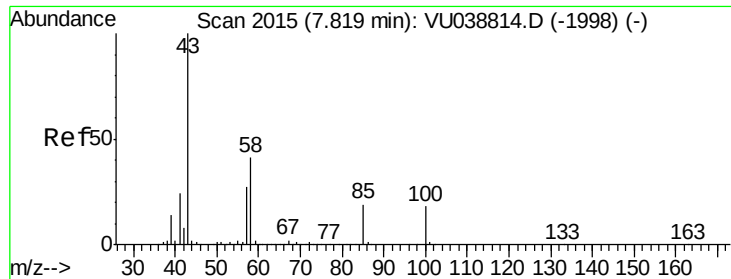
#39
cis-1,3-Dichloropropene
Concen: 0.111 ug/L
RT: 7.59 min Scan# 1943
Delta R.T. -0.04 min
Lab File: VU038822.D
Acq: 11 Jun 2020 14:15

Tgt Ion: 75 Resp: 3242
Ion Ratio Lower Upper
75 100
77 40.1 21.9 40.7



Abundance Ion 75.05 (74.75 to 75.75): VU0
Ion 77.05 (76.75 to 77.75): VU0

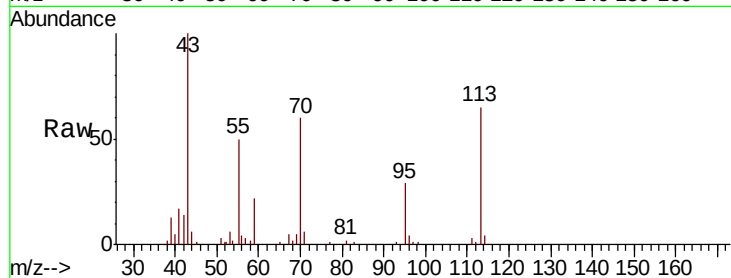




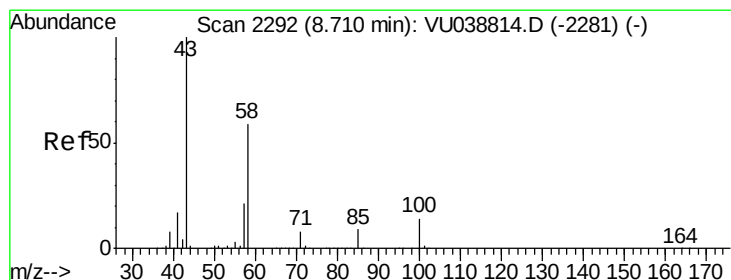
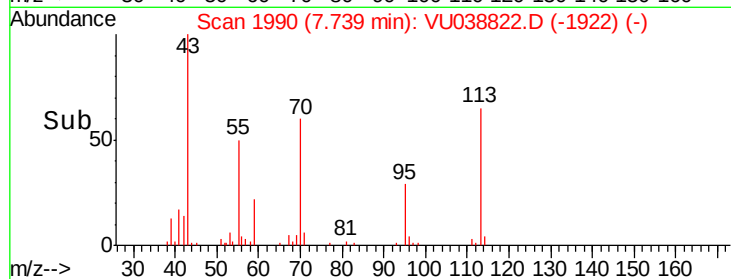
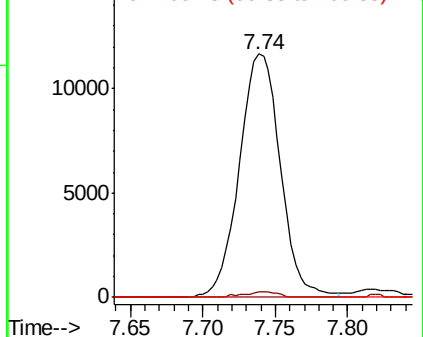
#40
4-Methyl-2-pentanone
Concen: 1.620 ug/L
RT: 7.74 min Scan# 1990
Delta R.T. -0.08 min
Lab File: VU038822.D
Acq: 11 Jun 2020 14:15

Instrument :
MSVOA_U
ClientSampleId :
C0AH6

Tot Ion: 43 Resp: 22981
Ion Ratio Lower Upper
43 100
58 1.8 32.4 48.6#
100 0.0 13.3 19.9#

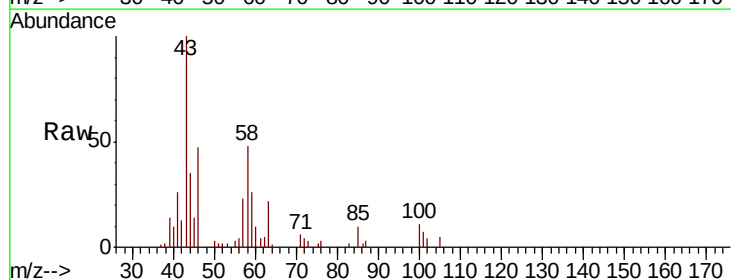


Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 100.15 (99.85 to 100.85): VU0

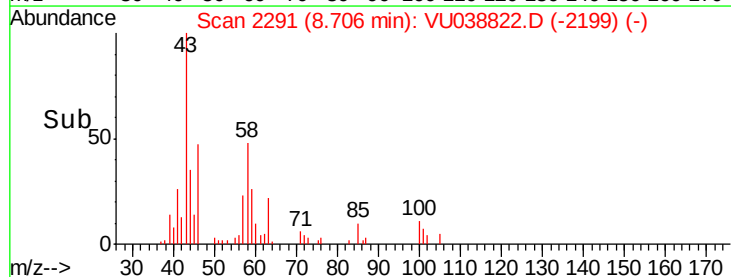
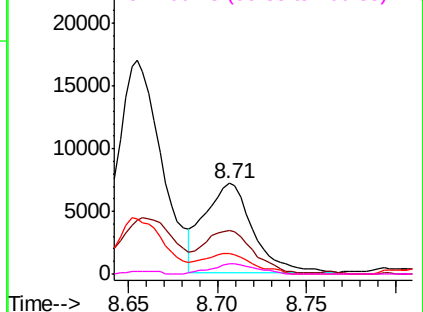


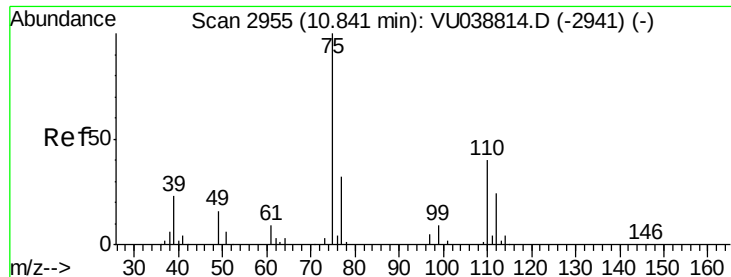
#48
2-Hexanone
Concen: 1.257 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. -0.00 min
Lab File: VU038822.D
Acq: 11 Jun 2020 14:15

Tgt Ion: 43 Resp: 13497
Ion Ratio Lower Upper
43 100
58 51.2 45.4 68.0
57 23.5 15.9 23.9
100 10.6 10.5 15.7



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: 1.136 ug/L

RT: 11.82 min Scan# 3260

Delta R.T. 0.98 min

Lab File: VU038822.D

Acq: 11 Jun 2020 14:15

Instrument :

MSVOA_U

ClientSampleId :

C0AH6

Tot Ion: 75 Resp: 16811

Ion Ratio Lower Upper

75 100

77 37.1 25.4 38.2

