

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061220\
 Data File : VU038821.D
 Acq On : 11 Jun 2020 13:52
 Operator : SY/MD
 Sample : L2933-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AH5

Quant Time: Jun 12 01:04:51 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	302183	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	305620	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	143567	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	66053	3.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.60%
7) Chloroethane-d5	1.93	69	62017	4.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.60%
11) 1,1-Dichloroethene-d2	2.59	63	111506	2.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.00%#
20) 2-Butanone-d5	4.67	46	300122	50.51	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.02%
24) Chloroform-d	5.10	84	171237	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.74	65	103520	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.76	84	330573	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.60%
36) 1,2-Dichloropropane-d6	6.72	67	103903	4.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.60%
41) Toluene-d8	7.92	98	273322	3.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.80%
43) trans-1,3-Dichloropropene-	8.20	79	41373	4.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.00%
46) 2-Hexanone-d5	8.65	63	243189	48.81	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.62%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	92671	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	116423	4.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.00%

Target Compounds

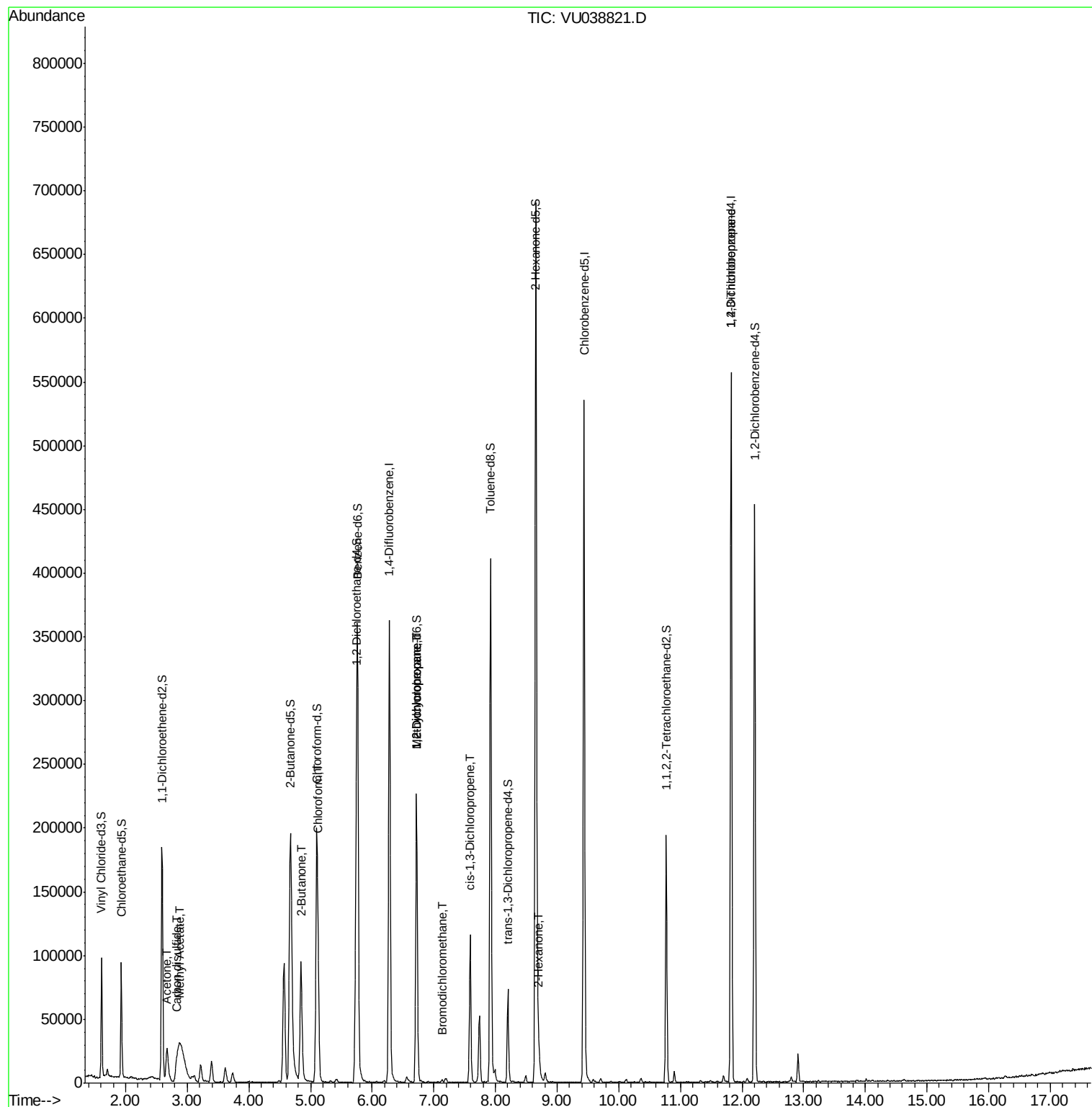
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.67	43	44190	11.365	ug/L	97
14) Carbon disulfide	2.82	76	5883	0.093	ug/L	99
15) Methyl Acetate	2.88	43	18132	1.904	ug/L #	51
21) 2-Butanone	4.84	43	130833	20.006	ug/L #	50
25) Chloroform	5.12	83	52360	1.436	ug/L	96
35) Methylcyclohexane	6.72	83	24836	0.725	ug/L #	17
37) 1,2-Dichloropropane	6.72	63	12537	0.585	ug/L #	87
38) Bromodichloromethane	7.14	83	1881	0.071	ug/L #	73
39) cis-1,3-Dichloropropene	7.59	75	2782	0.088	ug/L #	55
48) 2-Hexanone	8.71	43	12035	1.036	ug/L #	92
59) 1,2,3-Trichloropropane	11.83	75	18076	1.129	ug/L #	88

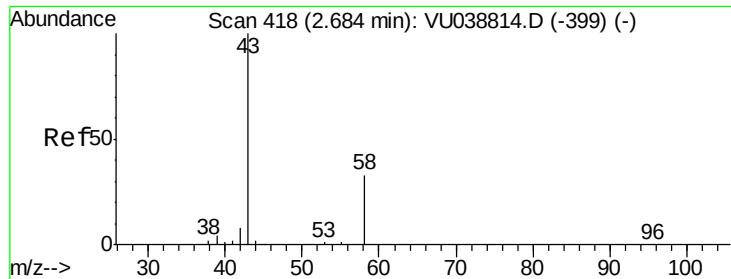
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 11.365 ug/L

RT: 2.67 min Scan# 414

Delta R.T. -0.01 min

Lab File: VU038821.D

Acq: 11 Jun 2020 13:52

Instrument :

MSVOA_U

ClientSampleId :

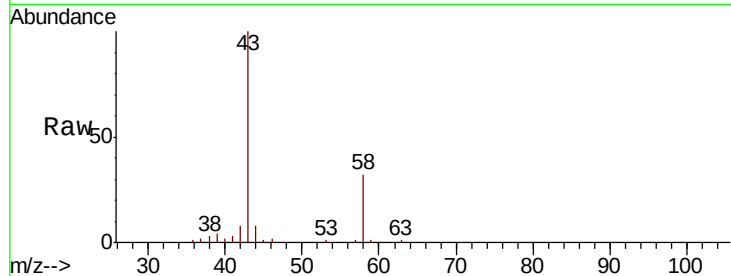
C0AH5

Tot Ion: 43 Resp: 44190

Ion Ratio Lower Upper

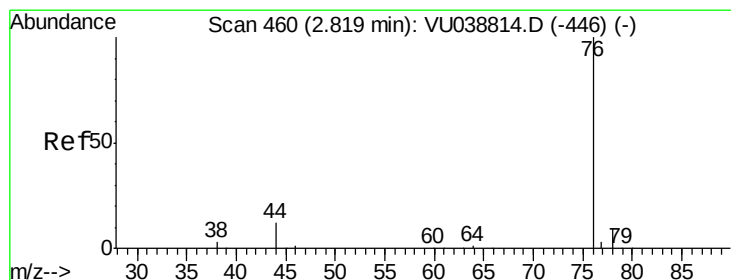
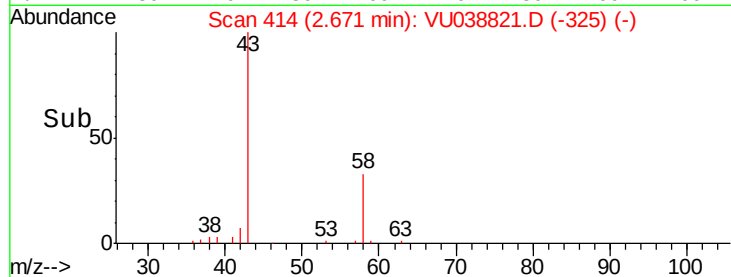
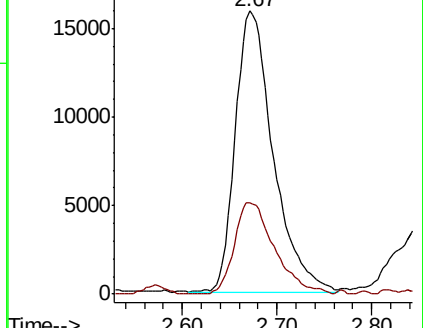
43 100

58 34.5 0.0 65.6



Abundance Ion 43.05 (42.75 to 43.75): VU038821.D (-325) (-)

Ion 58.05 (57.75 to 58.75): VU038821.D (-325) (-)



#14

Carbon disulfide

Concen: 0.093 ug/L

RT: 2.82 min Scan# 460

Delta R.T. -0.00 min

Lab File: VU038821.D

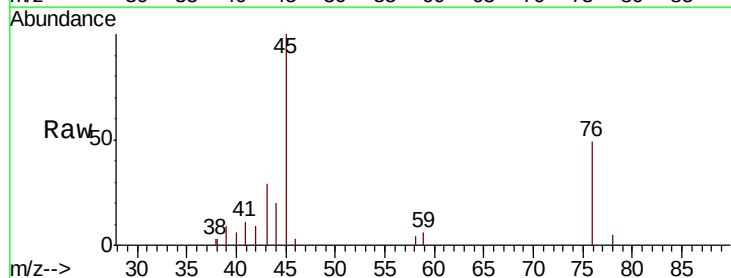
Acq: 11 Jun 2020 13:52

Tgt Ion: 76 Resp: 5883

Ion Ratio Lower Upper

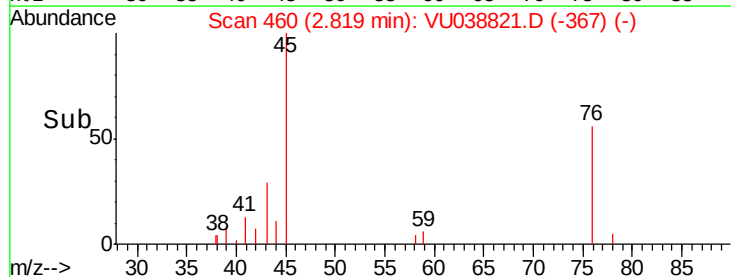
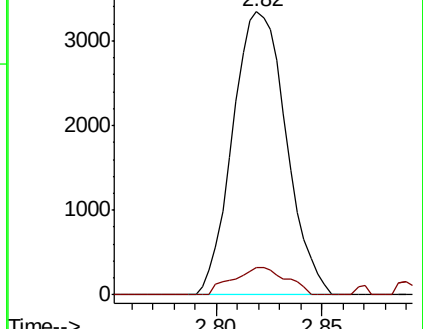
76 100

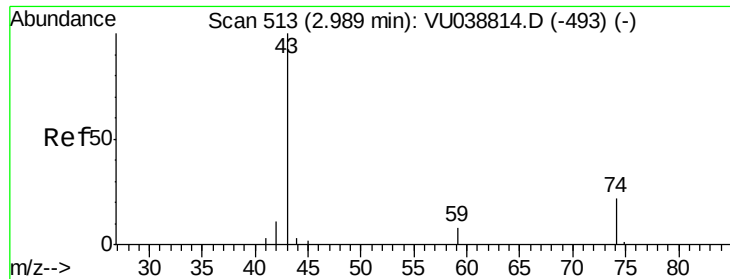
78 9.5 7.3 10.9



Abundance Ion 76.05 (75.75 to 76.75): VU038821.D (-367) (-)

Ion 78.00 (77.70 to 78.70): VU038821.D (-367) (-)

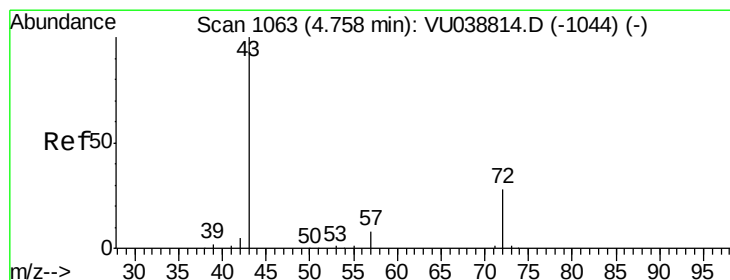
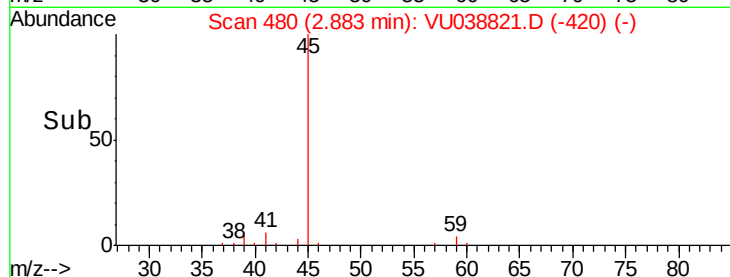
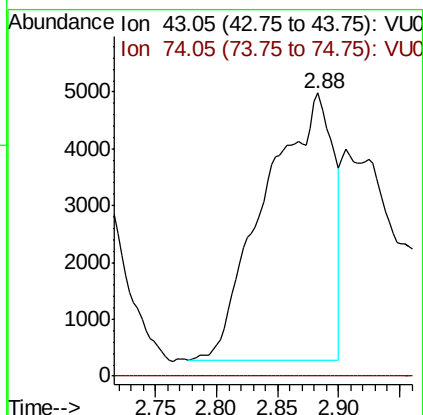
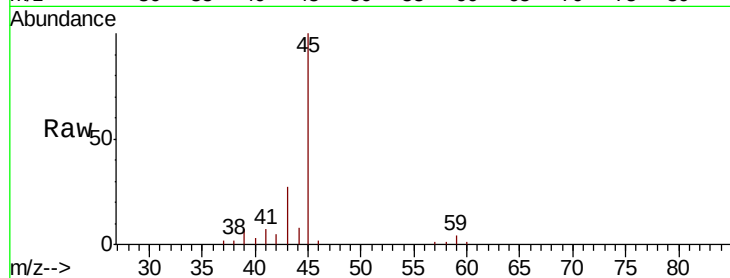




#15
Methvl Acetate
Concen: 1.904 ug/L
RT: 2.88 min Scan# 480
Delta R.T. -0.11 min
Lab File: VU038821.D
Acq: 11 Jun 2020 13:52

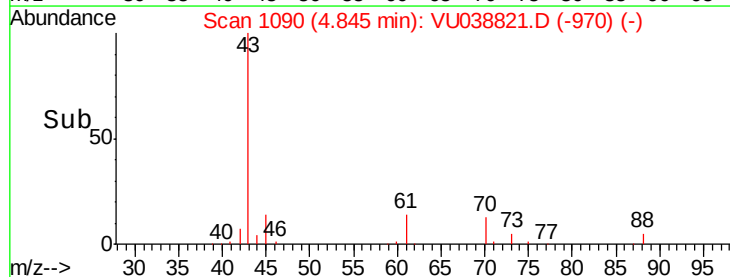
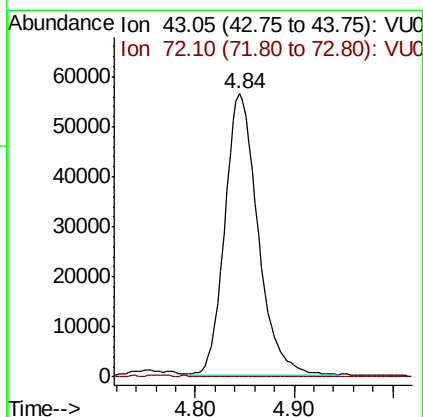
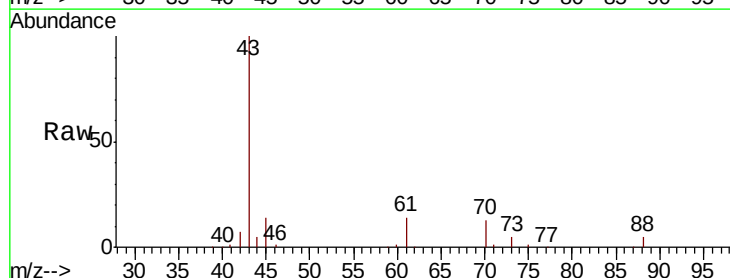
Instrument :
MSVOA_U
ClientSampleId :
C0AH5

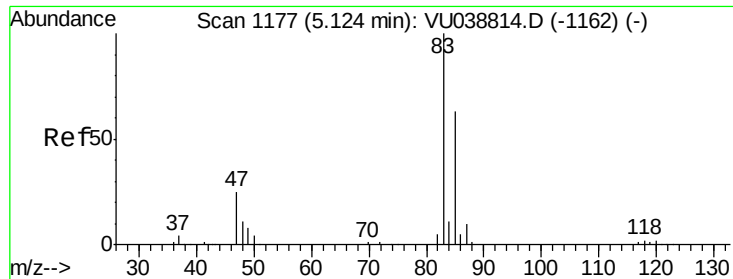
Tot Ion: 43 Resp: 18132
Ion Ratio Lower Upper
43 100
74 0.0 19.2 28.8#



#21
2-Butanone
Concen: 20.006 ug/L
RT: 4.84 min Scan# 1090
Delta R.T. 0.09 min
Lab File: VU038821.D
Acq: 11 Jun 2020 13:52

Tgt Ion: 43 Resp: 130833
Ion Ratio Lower Upper
43 100
72 0.1 12.6 37.8#

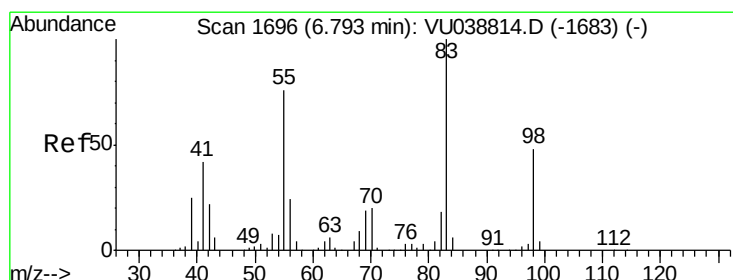
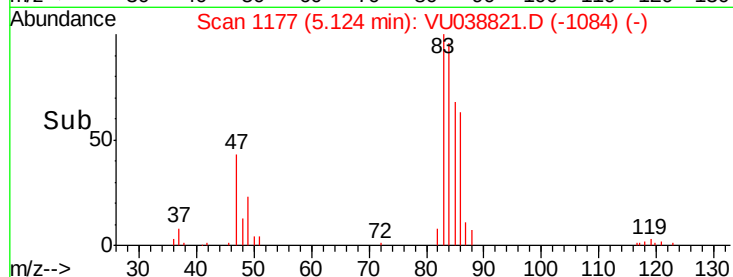
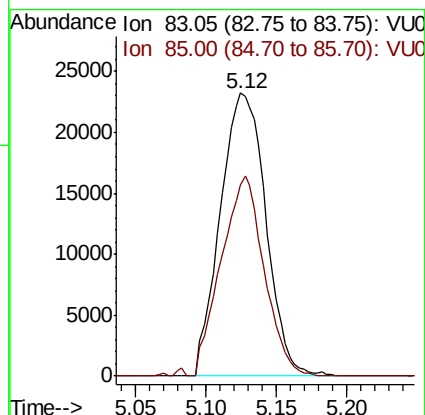
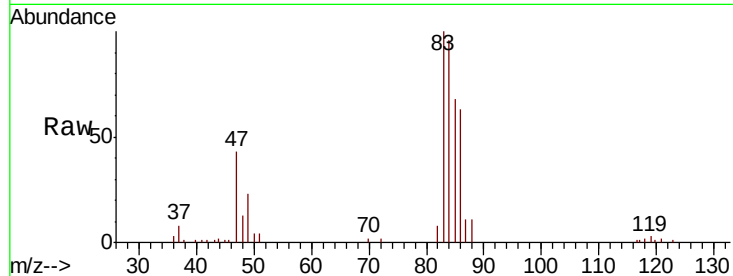




#25
Chloroform
Concen: 1.436 ug/L
RT: 5.12 min Scan# 1177
Delta R.T. -0.00 min
Lab File: VU038821.D
Acq: 11 Jun 2020 13:52

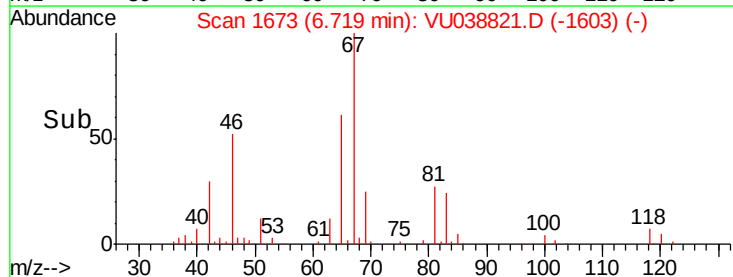
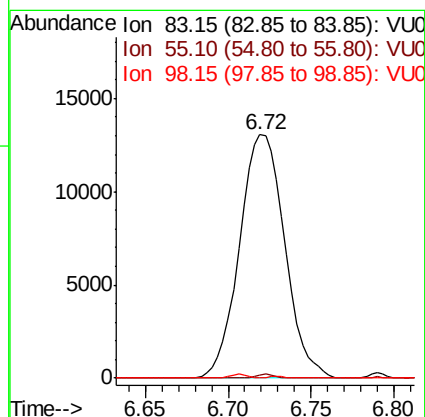
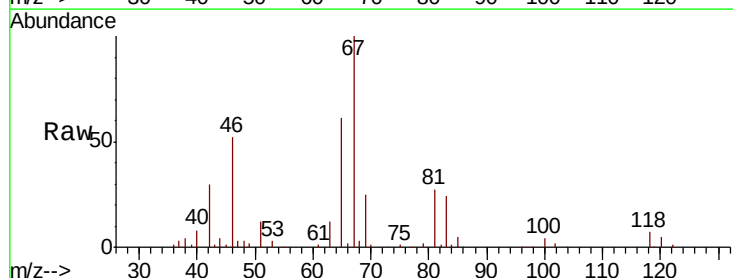
Instrument :
MSVOA_U
ClientSampled :
C0AH5

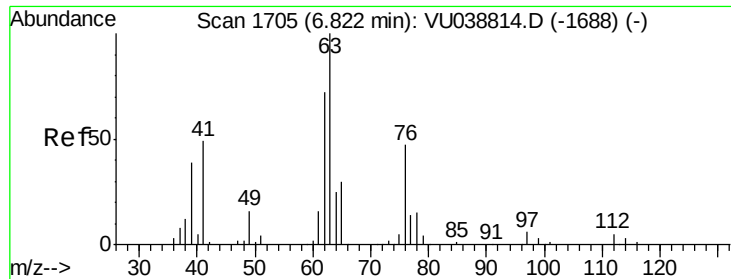
Tot Ion: 83 Resp: 52360
Ion Ratio Lower Upper
83 100
85 67.7 44.9 83.5



#35
Methylcyclohexane
Concen: 0.725 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU038821.D
Acq: 11 Jun 2020 13:52

Tgt Ion: 83 Resp: 24836
Ion Ratio Lower Upper
83 100
55 0.6 63.4 95.2#
98 0.3 39.0 58.4#

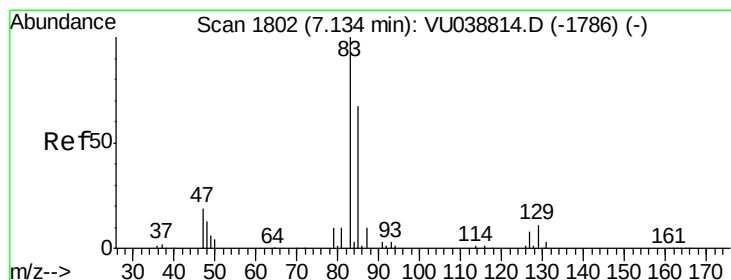
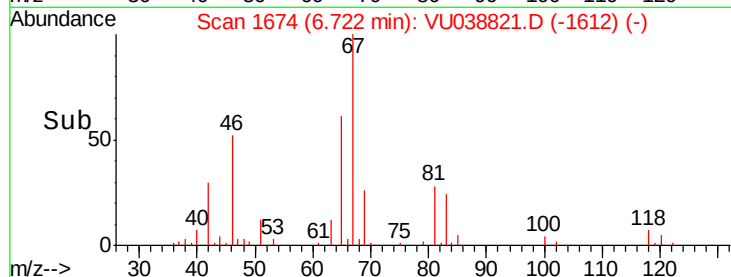
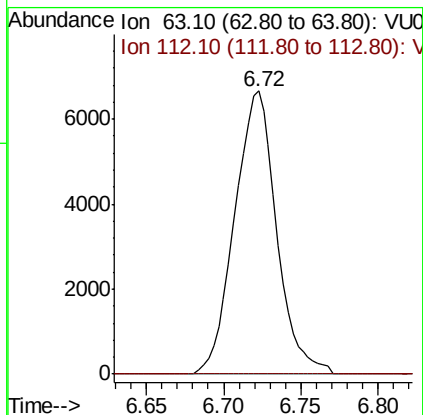
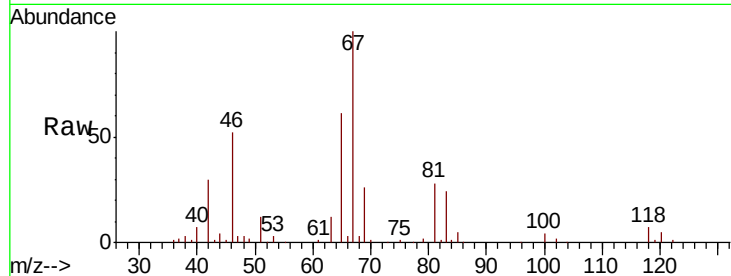




#37
 1,2-Dichloropropane
 Concen: 0.585 ug/L
 RT: 6.72 min Scan# 1674
 Delta R.T. -0.10 min
 Lab File: VU038821.D
 Acq: 11 Jun 2020 13:52

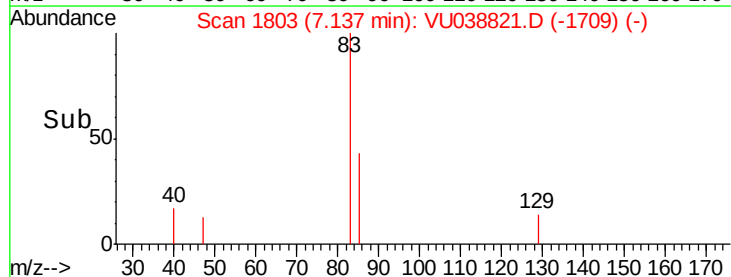
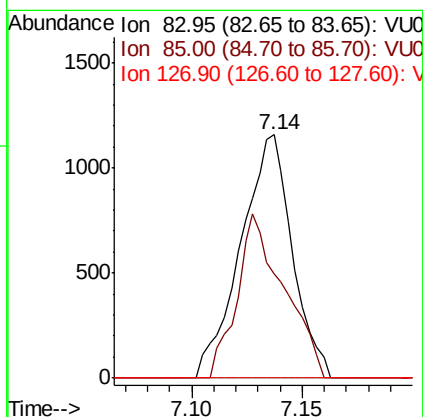
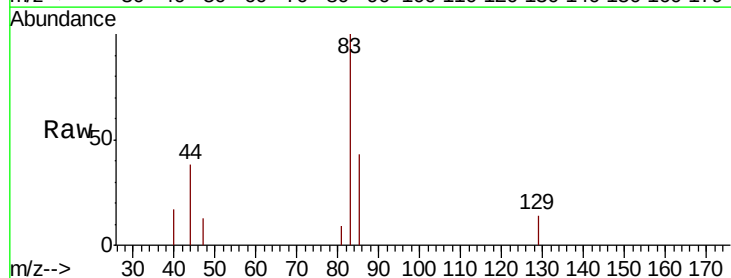
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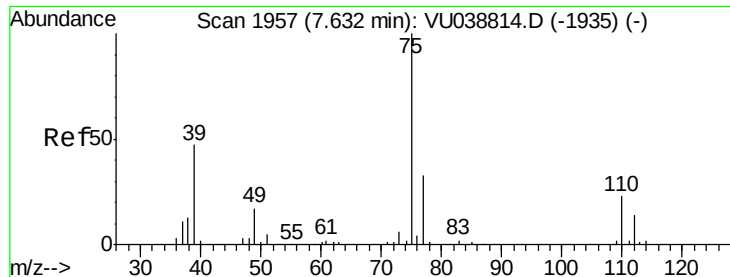
Tot Ion: 63 Resp: 12537
 Ion Ratio Lower Upper
 63 100
 112 0.2 3.7 5.5#



#38
 Bromodichloromethane
 Concen: 0.071 ug/L
 RT: 7.14 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VU038821.D
 Acq: 11 Jun 2020 13:52

Tgt Ion: 83 Resp: 1881
 Ion Ratio Lower Upper
 83 100
 85 42.6 44.7 83.1#
 127 0.0 6.8 10.2#

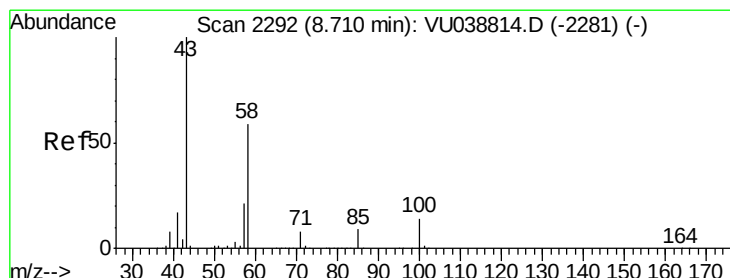
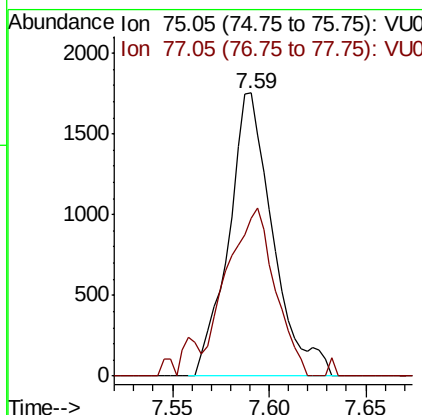
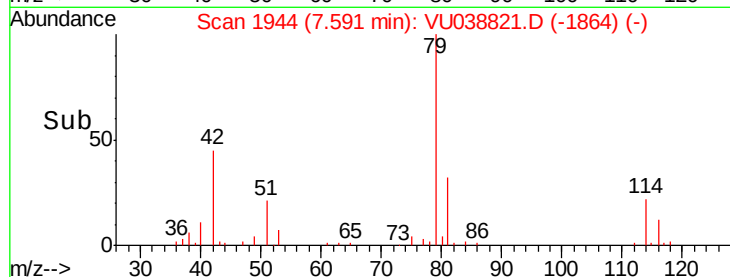
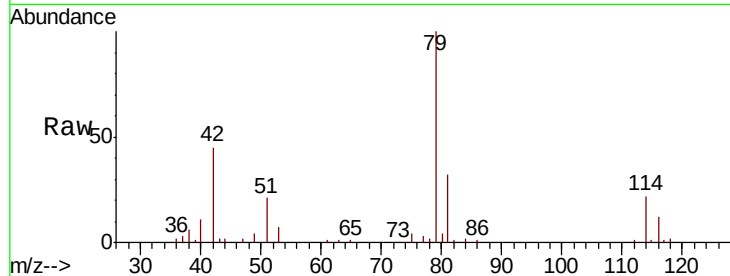




#39
 cis-1,3-Dichloropropene
 Concen: 0.088 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU038821.D
 Acq: 11 Jun 2020 13:52

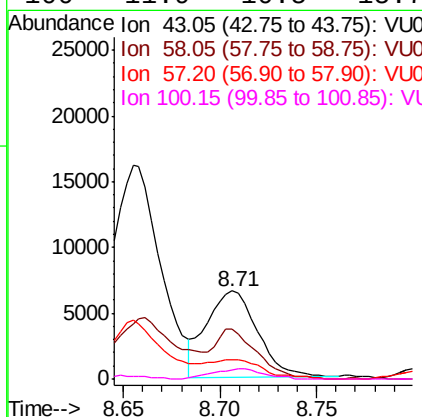
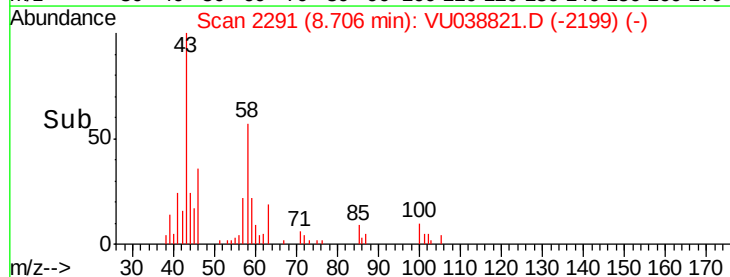
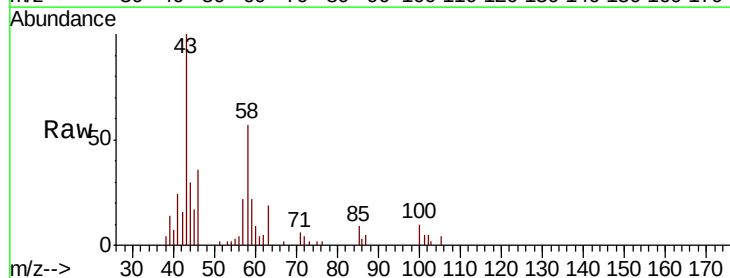
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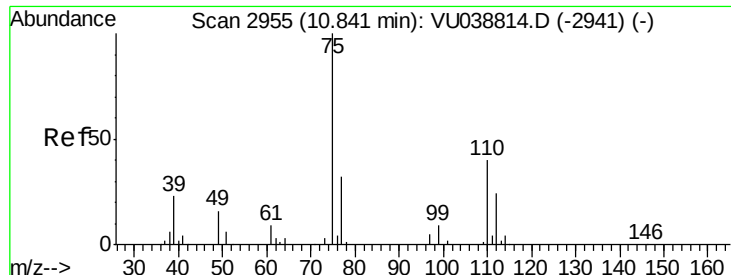
Tot Ion: 75 Resp: 2782
 Ion Ratio Lower Upper
 75 100
 77 56.0 21.9 40.7#



#48
 2-Hexanone
 Concen: 1.036 ug/L
 RT: 8.71 min Scan# 2291
 Delta R.T. -0.00 min
 Lab File: VU038821.D
 Acq: 11 Jun 2020 13:52

Tgt Ion: 43 Resp: 12035
 Ion Ratio Lower Upper
 43 100
 58 50.0 45.4 68.0
 57 24.1 15.9 23.9#
 100 11.9 10.5 15.7





#59

1,2,3-Trichloropropane

Concen: 1.129 ug/L

RT: 11.83 min Scan# 3261

Delta R.T. 0.98 min

Lab File: VU038821.D

Acq: 11 Jun 2020 13:52

Instrument :

MSVOA_U

ClientSampleId :

C0AH5

Tot Ion: 75 Resp: 18076

Ion Ratio Lower Upper

75 100

77 38.5 25.4 38.2#

