

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052720\
 Data File : VU038315.D
 Acq On : 27 May 2020 13:04
 Operator : JC/MD
 Sample : L2749-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 28 04:18:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 28 04:16:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	306786	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	294627	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	147693	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	92929	3.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.20%
7) Chloroethane-d5	1.93	69	85807	3.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.80%
11) 1,1-Dichloroethene-d2	2.59	63	143963	3.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.40%
20) 2-Butanone-d5	4.66	46	361796	52.26	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.52%
24) Chloroform-d	5.10	84	206597	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.74	65	119727	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.76	84	425705	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.72	67	133686	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.80%
41) Toluene-d8	7.92	98	382899	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
43) trans-1,3-Dichloropropene-	8.20	79	53041	4.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.00%
46) 2-Hexanone-d5	8.65	63	292291	54.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.46%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	111910	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.60%
64) 1,2-Dichlorobenzene-d4	12.20	152	149422	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%

Target Compounds

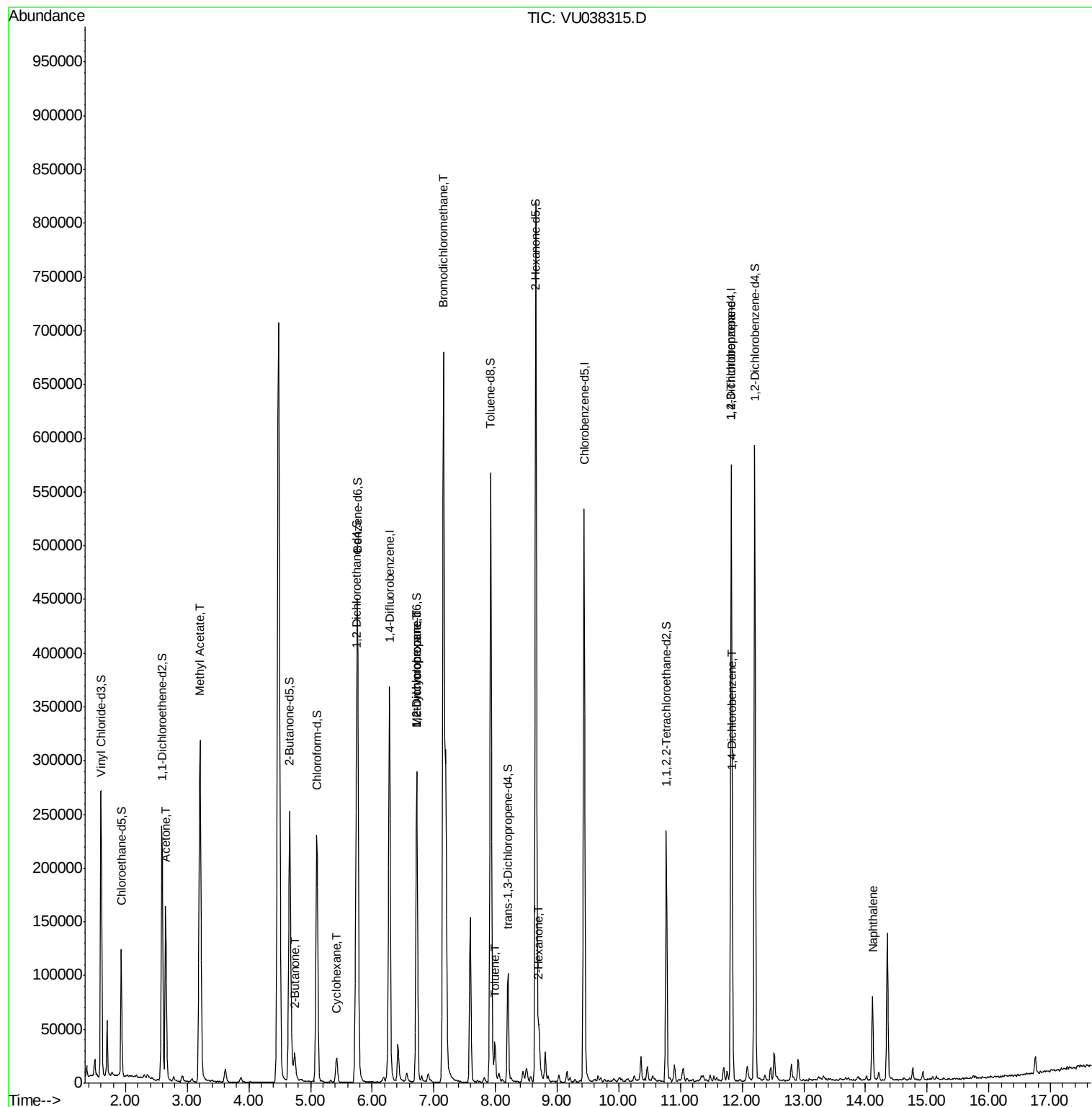
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.65	43	178287	41.044	ug/L	99
15) Methyl Acetate	3.21	43	55883	4.599	ug/L #	53
21) 2-Butanone	4.74	43	30553	3.985	ug/L	99
30) Cyclohexane	5.42	56	11013	0.276	ug/L	98
35) Methylcyclohexane	6.72	83	32129	0.841	ug/L #	16
37) 1,2-Dichloropropane	6.72	63	14327	0.559	ug/L #	88
38) Bromodichloromethane	7.16	83	6241	0.211	ug/L #	1
42) Toluene	7.99	91	23219	0.233	ug/L	98
48) 2-Hexanone	8.71	43	26957	2.072	ug/L	96
59) 1,2,3-Trichloropropane	11.83	75	21760	1.265	ug/L	97
63) 1,4-Dichlorobenzene	11.85	146	12041	0.247	ug/L	96
69) Naphthalene	14.11	128	63378	0.952	ug/L	99

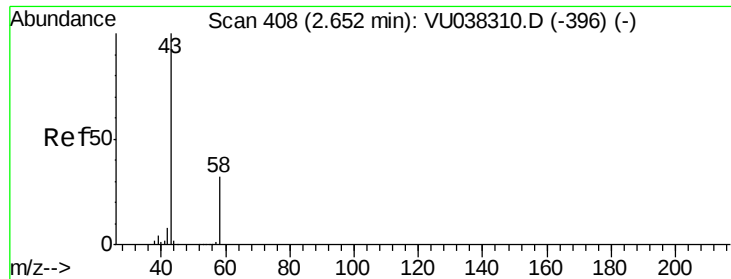
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 41.044 ug/L

RT: 2.65 min Scan# 407

Delta R.T. -0.00 min

Lab File: VU038315.D

Acq: 27 May 2020 13:04

Instrument :

MSVOA_U

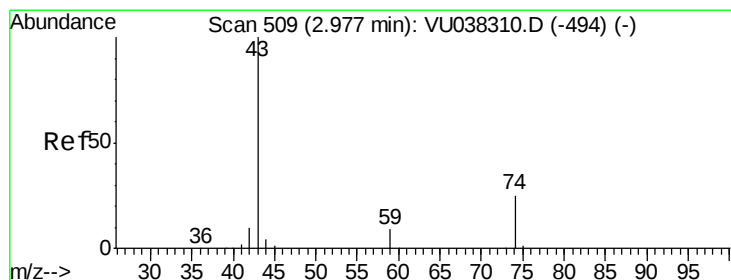
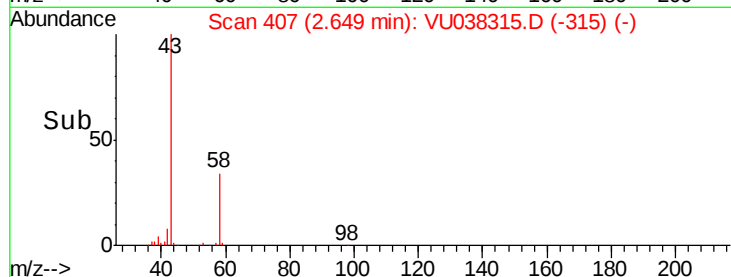
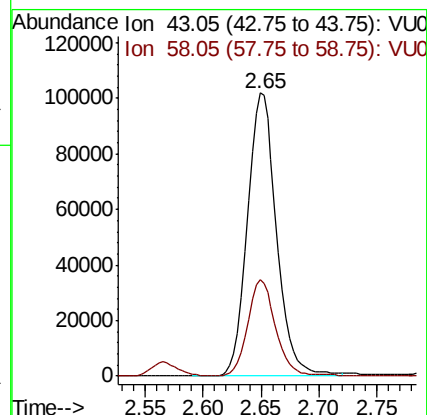
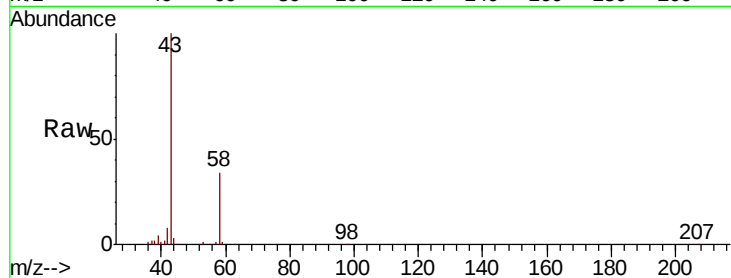
ClientSampleId :

Tot Ion: 43 Resp: 178287

Ion Ratio Lower Upper

43 100

58 32.1 0.0 63.6



#15

Methyl Acetate

Concen: 4.599 ug/L

RT: 3.21 min Scan# 580

Delta R.T. 0.23 min

Lab File: VU038315.D

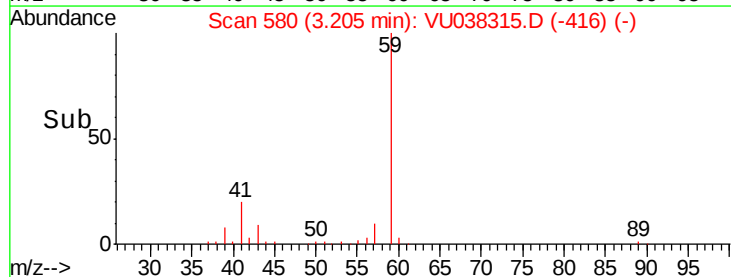
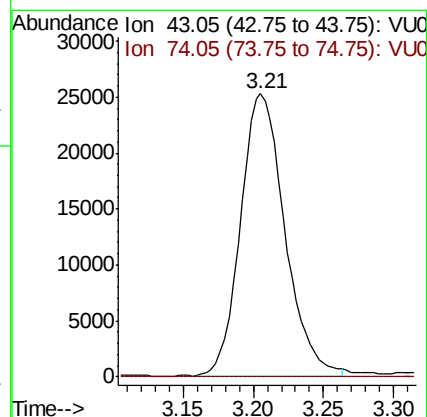
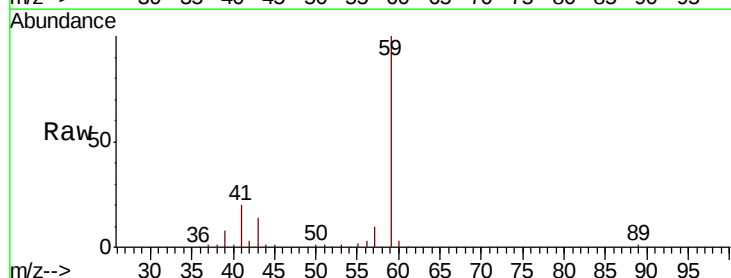
Acq: 27 May 2020 13:04

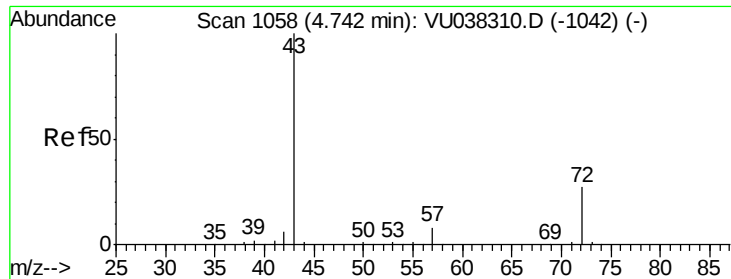
Tgt Ion: 43 Resp: 55883

Ion Ratio Lower Upper

43 100

74 0.0 18.0 27.0#

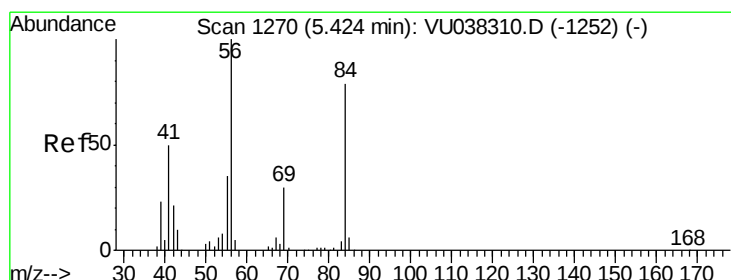
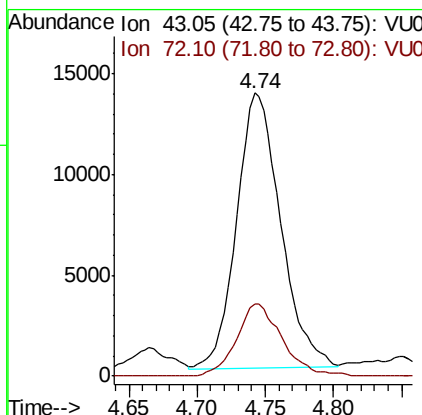
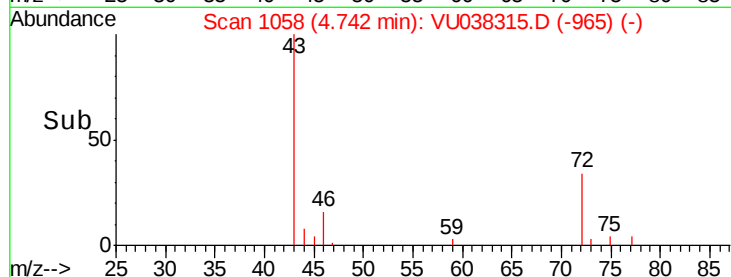
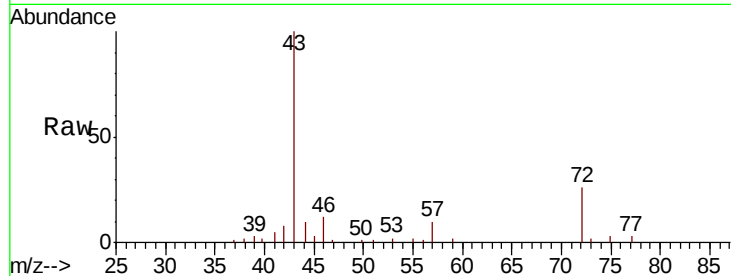




#21
 2-Butanone
 Concen: 3.985 ug/L
 RT: 4.74 min Scan# 1058
 Delta R.T. 0.00 min
 Lab File: VU038315.D
 Acq: 27 May 2020 13:04

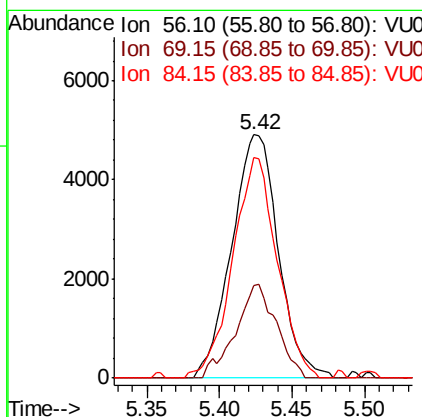
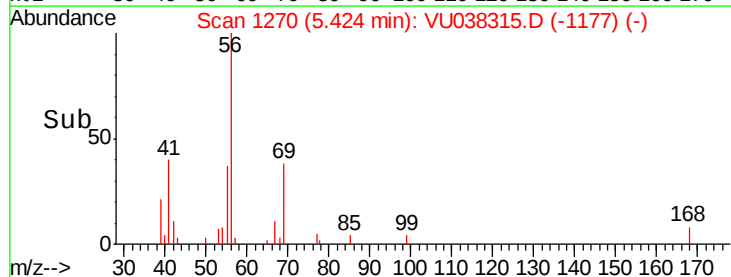
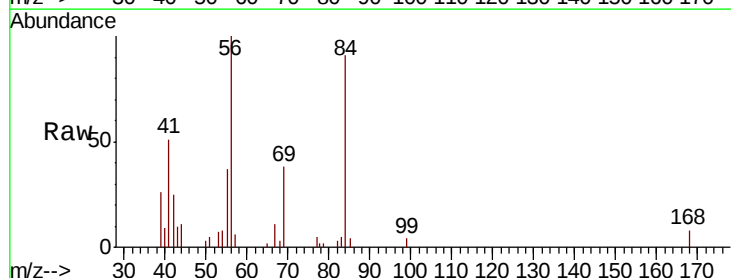
Instrument :
 MSVOA_U
 ClientSampleId :

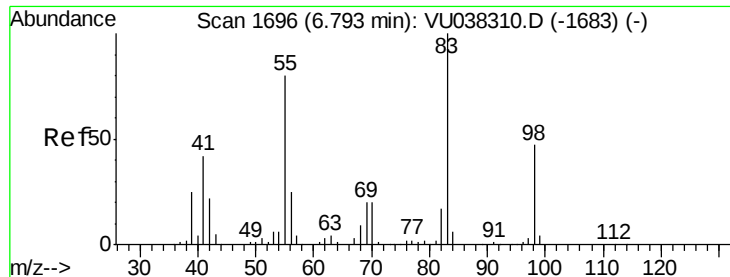
Tot Ion: 43 Resp: 30553
 Ion Ratio Lower Upper
 43 100
 72 27.2 13.5 40.4



#30
 Cyclohexane
 Concen: 0.276 ug/L
 RT: 5.42 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VU038315.D
 Acq: 27 May 2020 13:04

Tgt Ion: 56 Resp: 11013
 Ion Ratio Lower Upper
 56 100
 69 33.5 24.2 36.4
 84 86.2 68.5 102.7

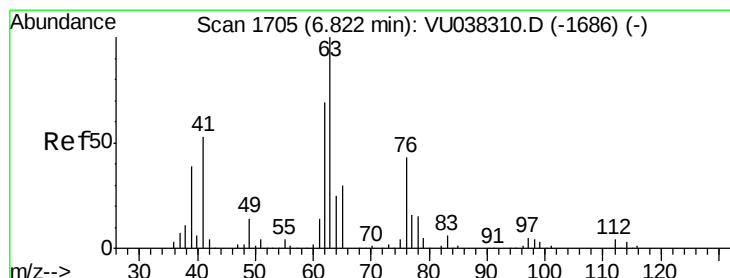
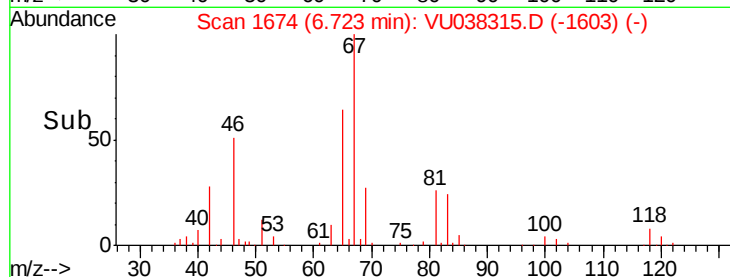
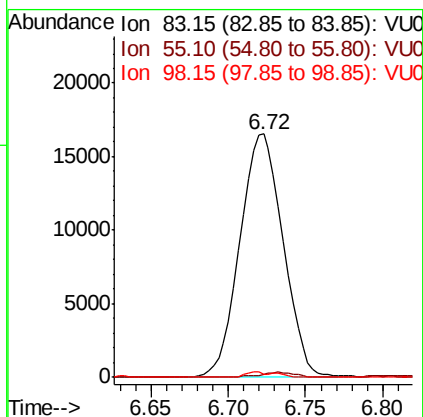
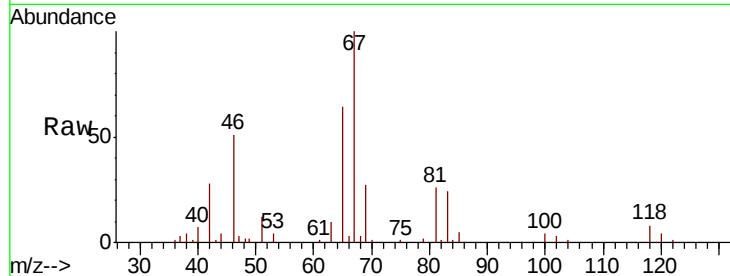




#35
Methvlcvclohexane
Concen: 0.841 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038315.D
Acq: 27 May 2020 13:04

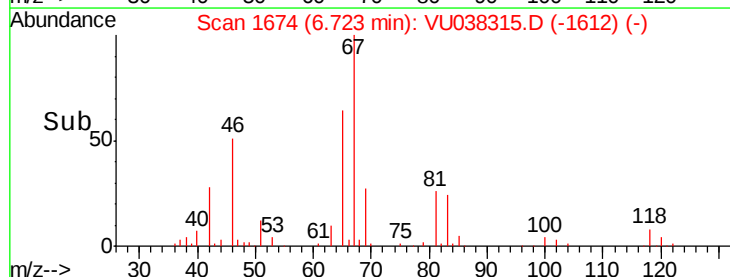
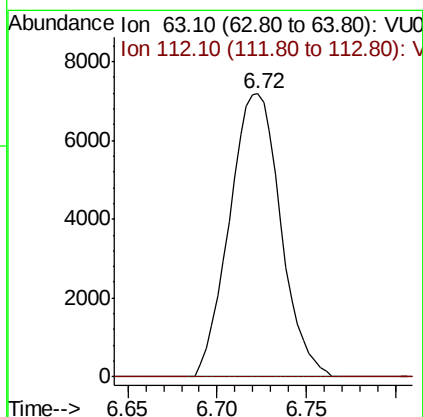
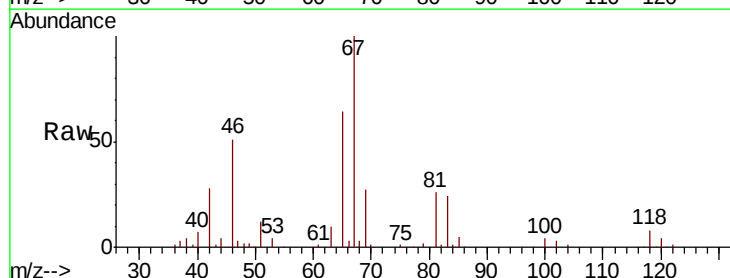
Instrument :
MSVOA_U
ClientSampleId :

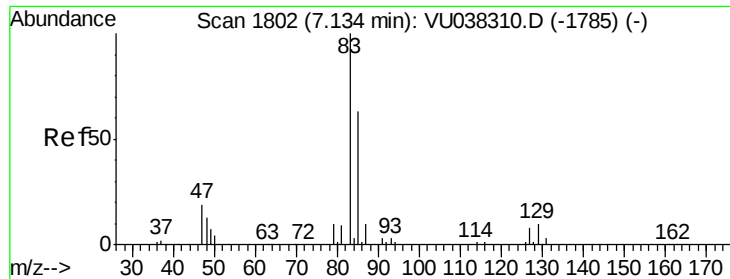
Tot Ion: 83 Resp: 32129
Ion Ratio Lower Upper
83 100
55 0.0 66.7 100.1#
98 1.0 39.4 59.2#



#37
1,2-Dichloropropane
Concen: 0.559 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU038315.D
Acq: 27 May 2020 13:04

Tgt Ion: 63 Resp: 14327
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#





#38

Bromodichloromethane

Concen: 0.211 ug/L

RT: 7.16 min Scan# 1809

Delta R.T. 0.02 min

Lab File: VU038315.D

Acq: 27 May 2020 13:04

Instrument :

MSVOA_U

ClientSampleId :

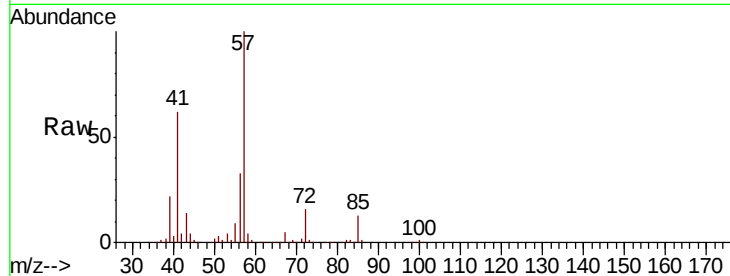
Tot Ion: 83 Resp: 6241

Ion Ratio Lower Upper

83 100

85 1010.5 44.6 82.8#

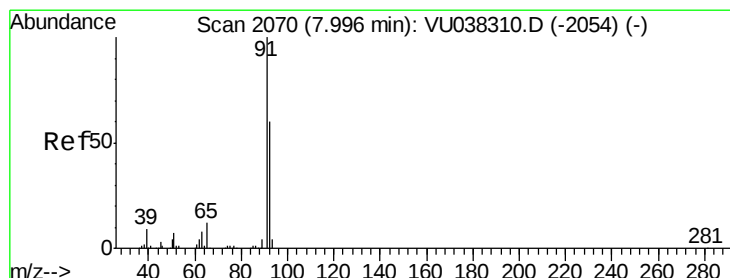
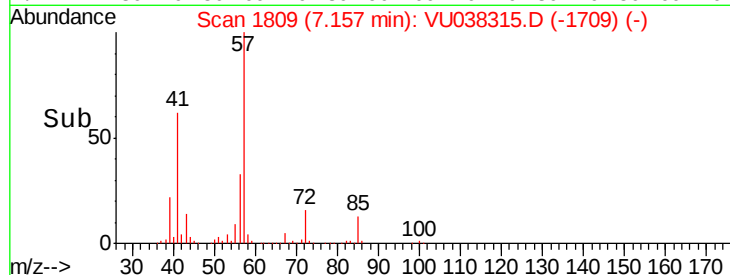
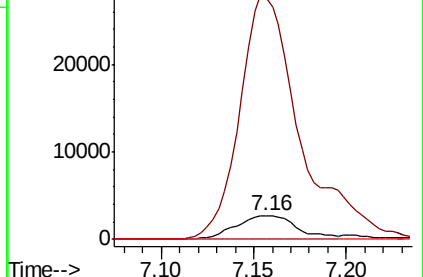
127 0.0 6.4 9.6#



Abundance Ion 82.95 (82.65 to 83.65): VU038315.D (-1785) (-)

Ion 85.00 (84.70 to 85.70): VU038315.D (-1785) (-)

Ion 126.90 (126.60 to 127.60): VU038315.D (-1785) (-)



#42

Toluene

Concen: 0.233 ug/L

RT: 7.99 min Scan# 2069

Delta R.T. -0.00 min

Lab File: VU038315.D

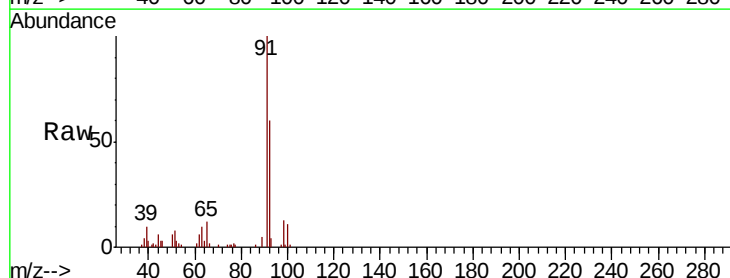
Acq: 27 May 2020 13:04

Tgt Ion: 91 Resp: 23219

Ion Ratio Lower Upper

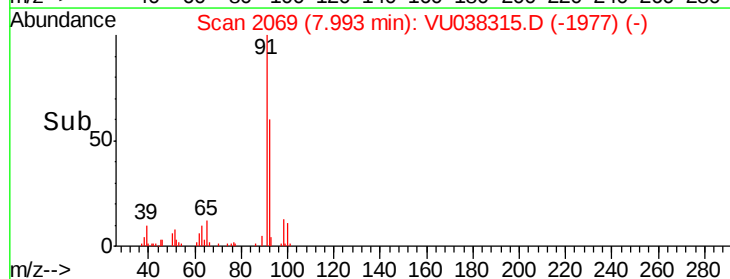
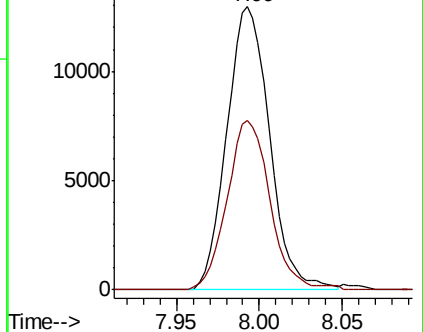
91 100

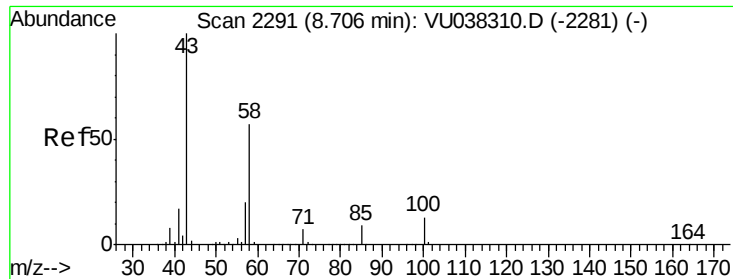
92 59.7 40.9 75.9



Abundance Ion 91.15 (90.85 to 91.85): VU038315.D (-1777) (-)

Ion 92.15 (91.85 to 92.85): VU038315.D (-1777) (-)

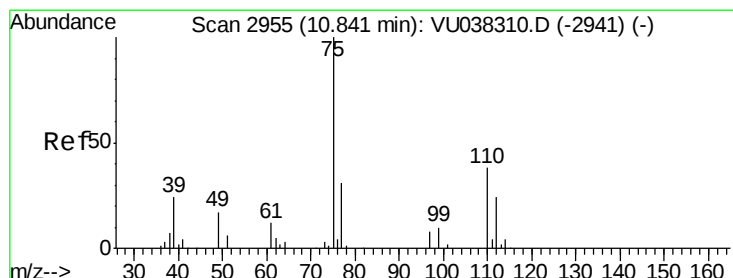
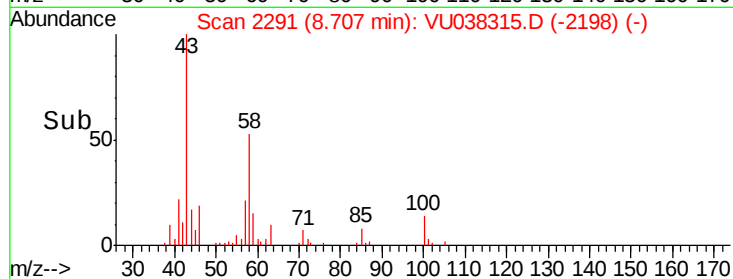
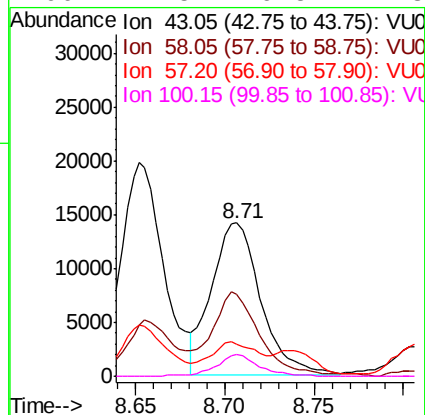
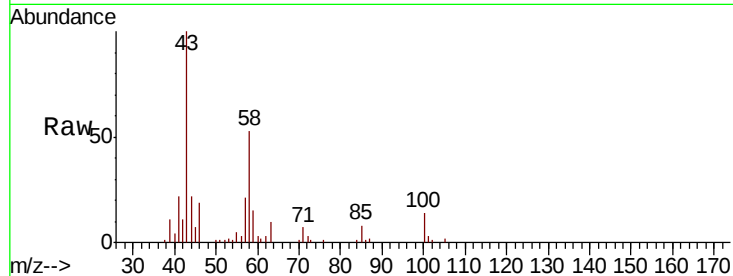




#48
2-Hexanone
Concen: 2.072 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. 0.00 min
Lab File: VU038315.D
Acq: 27 May 2020 13:04

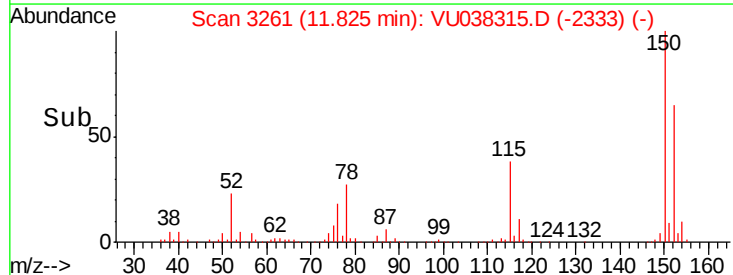
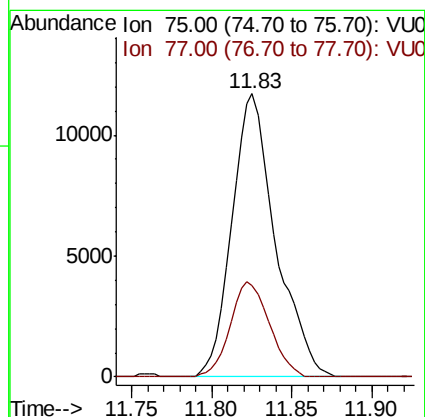
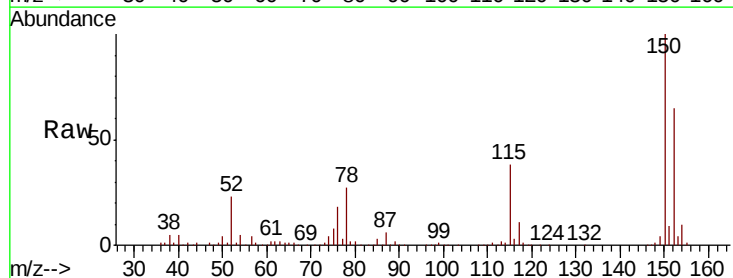
Instrument :
MSVOA_U
ClientSampled :

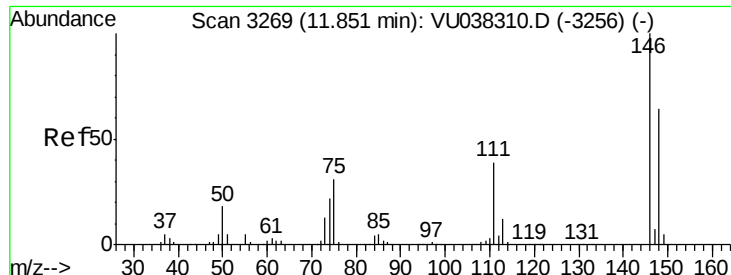
Tot Ion:	43	Resp:	26957
Ion	Ratio	Lower	Upper
43	100		
58	53.7	45.2	67.8
57	21.6	15.5	23.3
100	12.5	9.5	14.3



#59
1,2,3-Trichloropropane
Concen: 1.265 ug/L
RT: 11.83 min Scan# 3261
Delta R.T. 0.98 min
Lab File: VU038315.D
Acq: 27 May 2020 13:04

Tgt Ion:	75	Resp:	21760
Ion	Ratio	Lower	Upper
75	100		
77	30.1	25.4	38.0





#63

1,4-Dichlorobenzene

Concen: 0.247 ug/L

RT: 11.85 min Scan# 3268

Delta R.T. -0.00 min

Lab File: VU038315.D

Acq: 27 May 2020 13:04

Instrument :

MSVOA_U

ClientSampled :

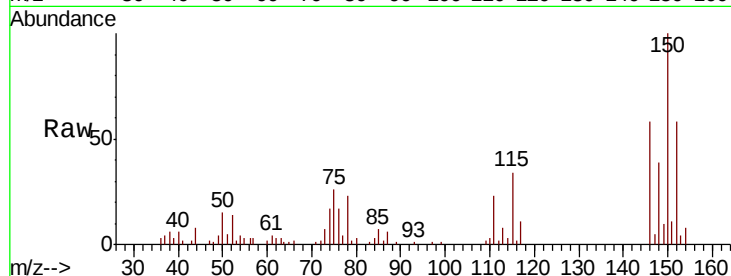
Tot Ion:146 Resp: 12041

Ion Ratio Lower Upper

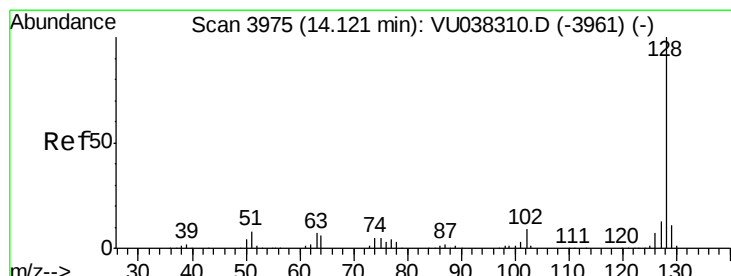
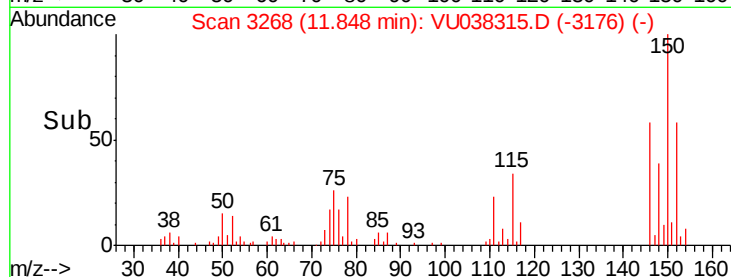
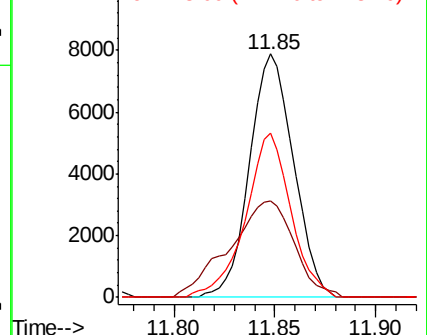
146 100

111 39.5 27.2 50.6

148 67.3 43.8 81.3



Abundance Ion 145.95 (145.65 to 146.65): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V



#69

Naphthalene

Concen: 0.952 ug/L

RT: 14.11 min Scan# 3973

Delta R.T. -0.01 min

Lab File: VU038315.D

Acq: 27 May 2020 13:04

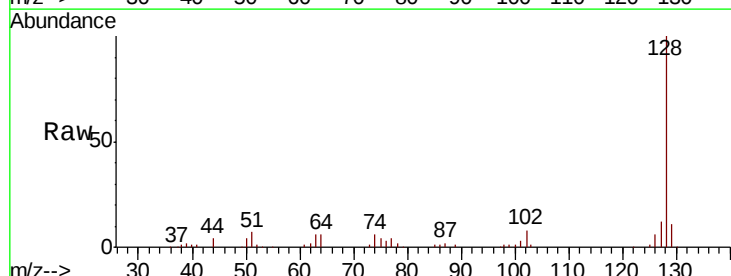
Tgt Ion:128 Resp: 63378

Ion Ratio Lower Upper

128 100

129 10.5 8.7 13.1

127 12.7 10.2 15.4



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V

