

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U052720\
 Data File : VU038313.D
 Acq On : 27 May 2020 12:18
 Operator : JC/MD
 Sample : L2766-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 28 04:18:00 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	331756	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	323785	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	163640	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	89994	2.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.40%
7) Chloroethane-d5	1.93	69	85768	3.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	65.40%
11) 1,1-Dichloroethene-d2	2.59	63	139329	2.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.00%#
20) 2-Butanone-d5	4.66	46	355511	47.48	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.96%
24) Chloroform-d	5.10	84	199931	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
26) 1,2-Dichloroethane-d4	5.74	65	116140	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
32) Benzene-d6	5.76	84	415945	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
36) 1,2-Dichloropropane-d6	6.72	67	131755	4.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.20%
41) Toluene-d8	7.92	98	372374	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
43) trans-1,3-Dichloropropene-	8.20	79	52311	4.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.40%
46) 2-Hexanone-d5	8.65	63	289269	48.83	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.66%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	109173	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	150200	4.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.40%

Target Compounds

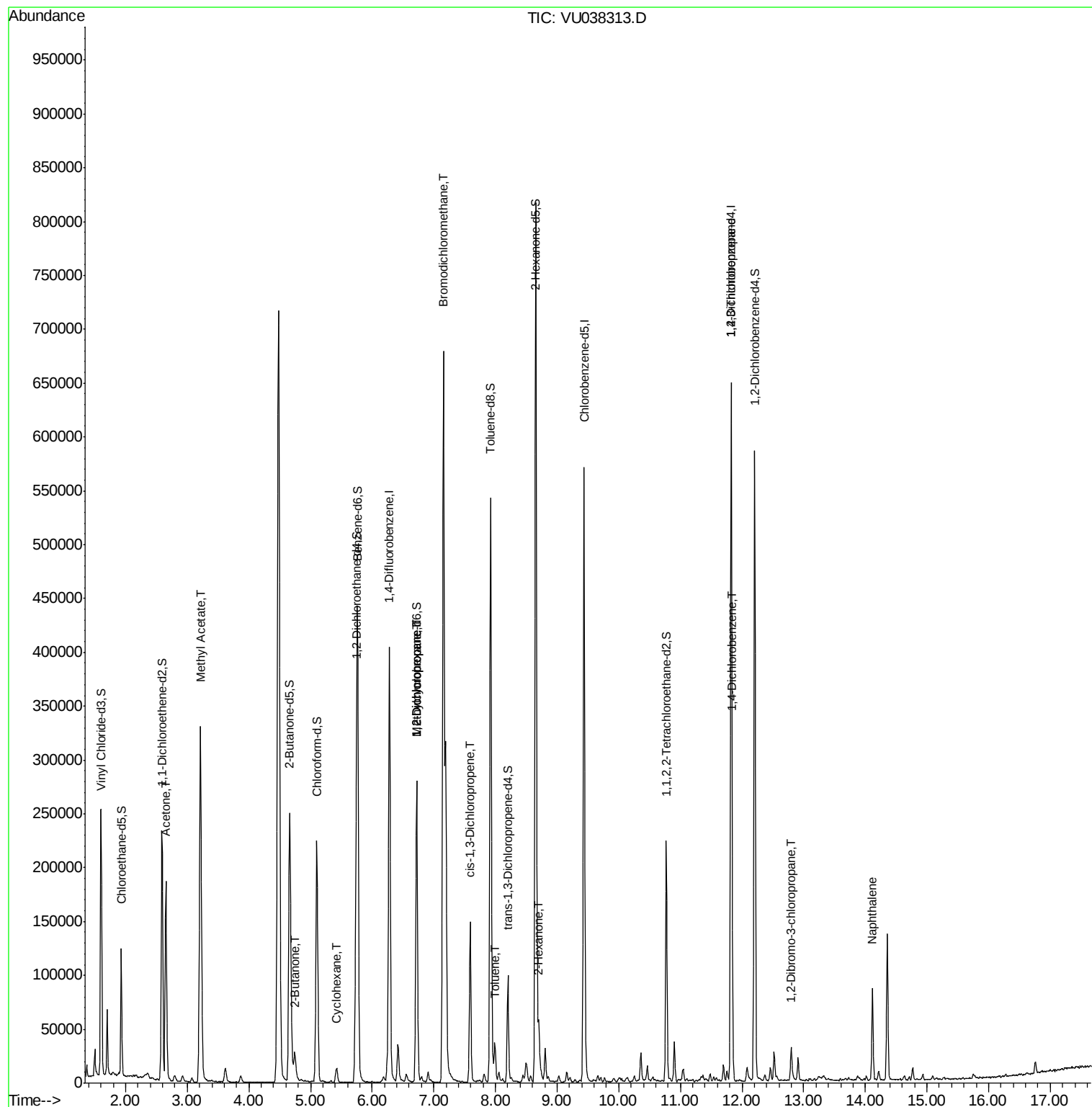
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.65	43	207368	44.146	ug/L	98
15) Methyl Acetate	3.21	43	58214	4.430	ug/L #	53
21) 2-Butanone	4.75	43	35252	4.252	ug/L	100
30) Cyclohexane	5.43	56	6714	0.153	ug/L	98
35) Methylcyclohexane	6.72	83	30842	0.734	ug/L #	16
37) 1,2-Dichloropropane	6.72	63	14318	0.508	ug/L #	88
38) Bromodichloromethane	7.15	83	7037	0.216	ug/L #	1
39) cis-1,3-Dichloropropene	7.59	75	3682	0.091	ug/L #	51
42) Toluene	7.99	91	22232	0.203	ug/L	97
48) 2-Hexanone	8.71	43	30431	2.129	ug/L	97
59) 1,2,3-Trichloropropane	11.83	75	24638	1.303	ug/L	100
63) 1,4-Dichlorobenzene	11.85	146	12696	0.235	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.80	75	563	0.134	ug/L #	8
69) Naphthalene	14.11	128	67245	0.912	ug/L	99

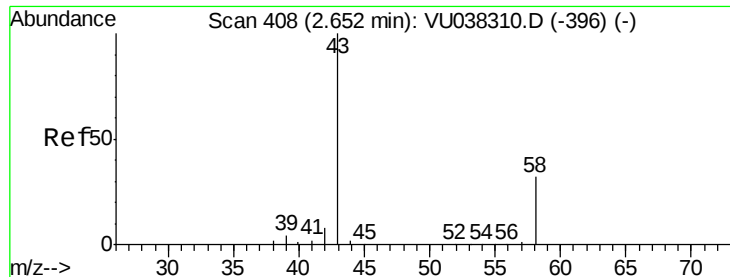
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On : 27 May 2020 12:18
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ClientSampleId :

Quant Time: May 28 04:18:00 2020
Quant Method : Z:\V0ASRV\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





#13

Acetone

Concen: 44.146 ug/L

RT: 2.65 min Scan# 408

Delta R.T. -0.00 min

Lab File: VU038313.D

Acq: 27 May 2020 12:18

Instrument :

MSVOA_U

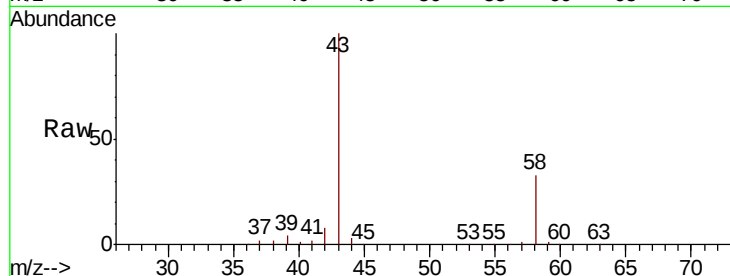
ClientSampleId :

Tot Ion: 43 Resp: 207368

Ion Ratio Lower Upper

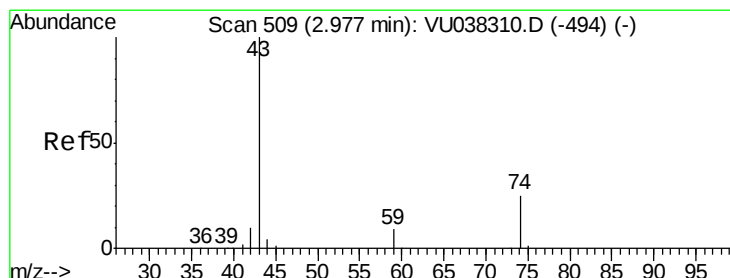
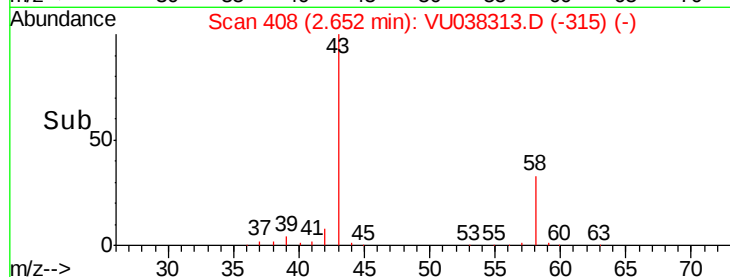
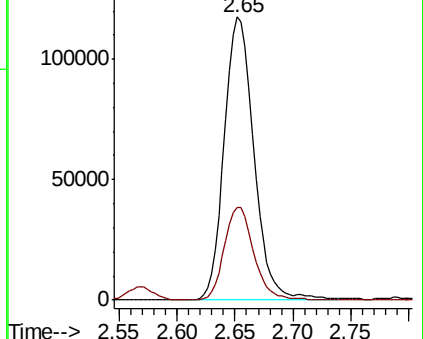
43 100

58 32.8 0.0 63.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#15

Methyl Acetate

Concen: 4.430 ug/L

RT: 3.21 min Scan# 583

Delta R.T. 0.24 min

Lab File: VU038313.D

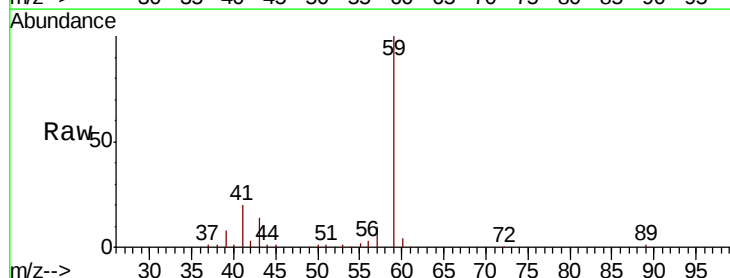
Acq: 27 May 2020 12:18

Tgt Ion: 43 Resp: 58214

Ion Ratio Lower Upper

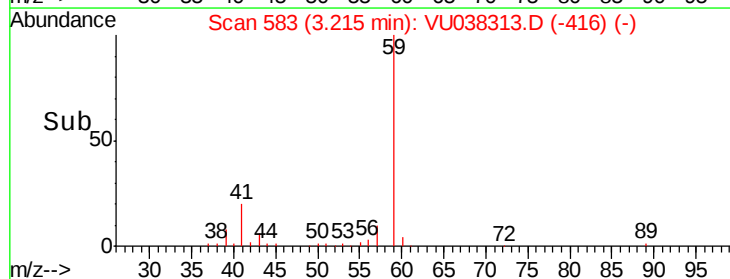
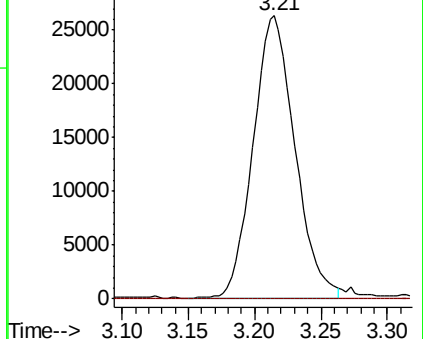
43 100

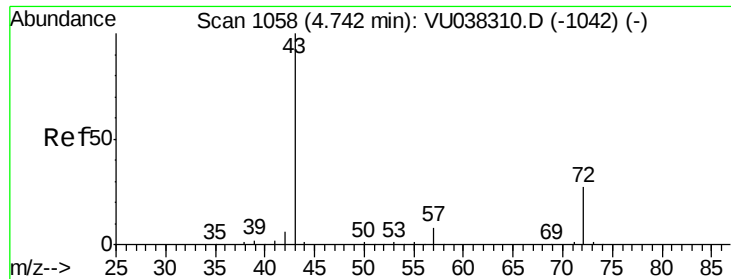
74 0.1 18.0 27.0#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0

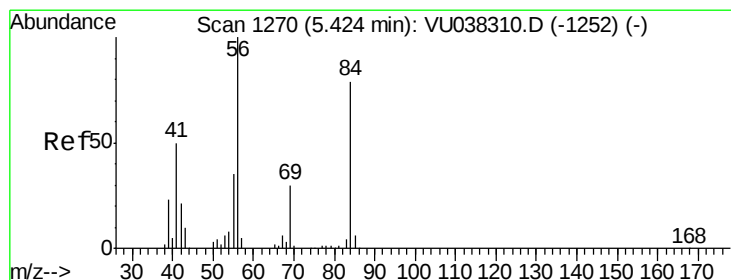
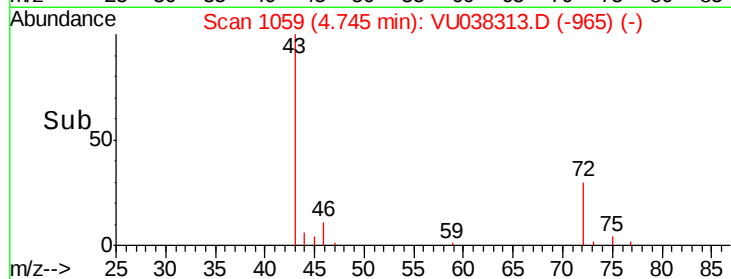
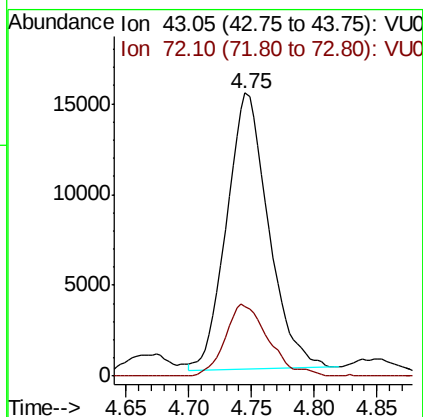
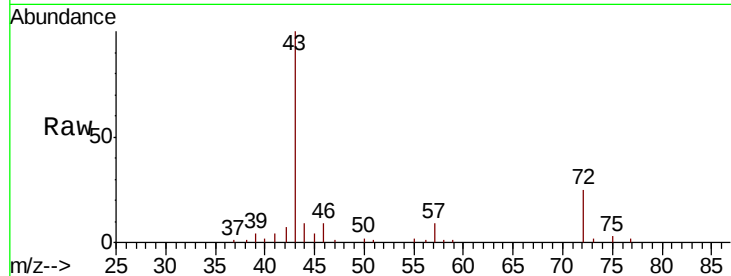




#21
2-Butanone
Concen: 4.252 ug/L
RT: 4.75 min Scan# 1059
Delta R.T. 0.00 min
Lab File: VU038313.D
Acq: 27 May 2020 12:18

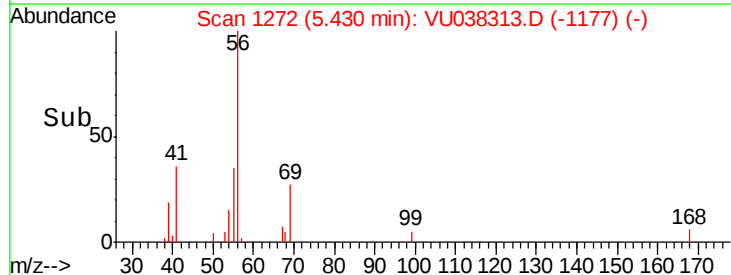
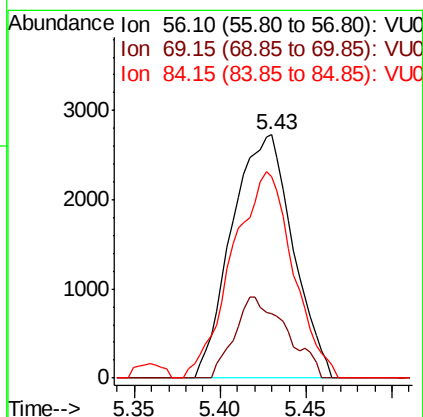
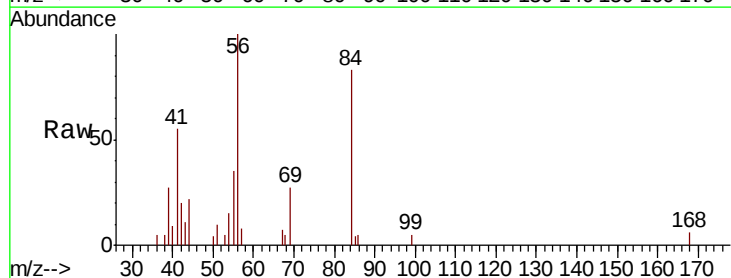
Instrument :
MSVOA_U
ClientSampled :

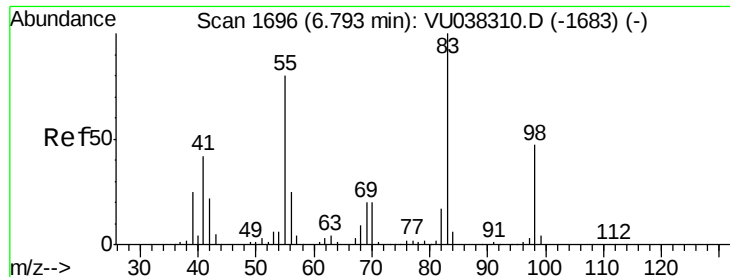
Tot Ion: 43 Resp: 35252
Ion Ratio Lower Upper
43 100
72 26.8 13.5 40.4



#30
Cyclohexane
Concen: 0.153 ug/L
RT: 5.43 min Scan# 1272
Delta R.T. 0.01 min
Lab File: VU038313.D
Acq: 27 May 2020 12:18

Tgt Ion: 56 Resp: 6714
Ion Ratio Lower Upper
56 100
69 28.4 24.2 36.4
84 84.3 68.5 102.7

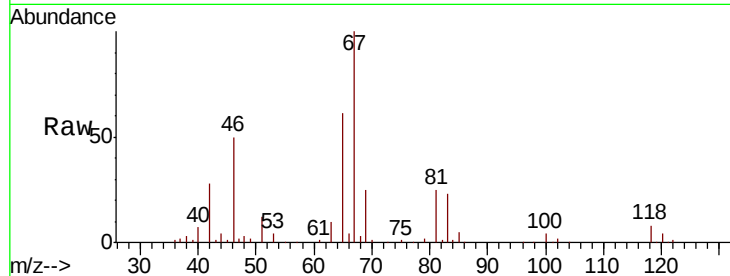




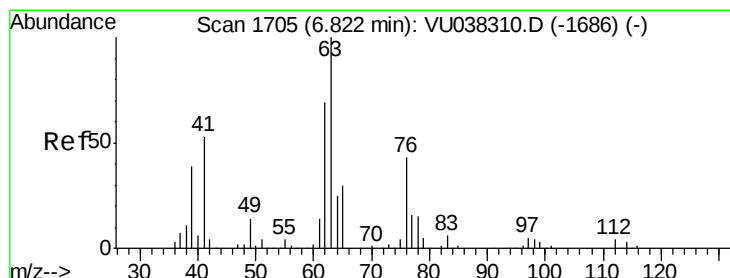
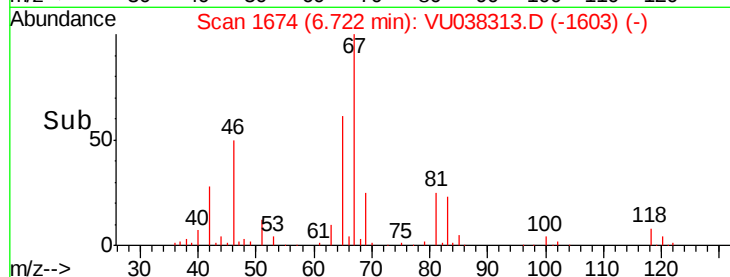
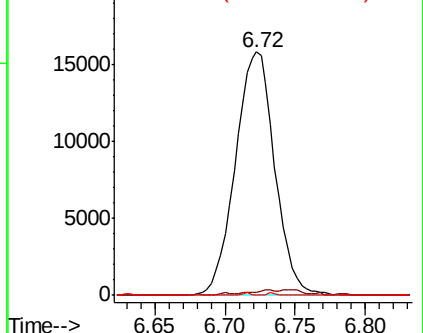
#35
Methvlcvclohexane
Concen: 0.734 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU038313.D
Acq: 27 May 2020 12:18

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 83 Resp: 30842
Ion Ratio Lower Upper
83 100
55 0.3 66.7 100.1#
98 0.2 39.4 59.2#

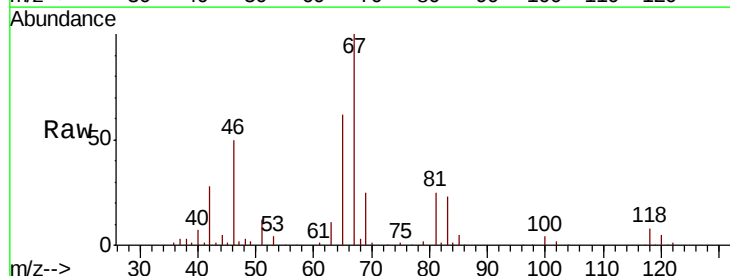


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

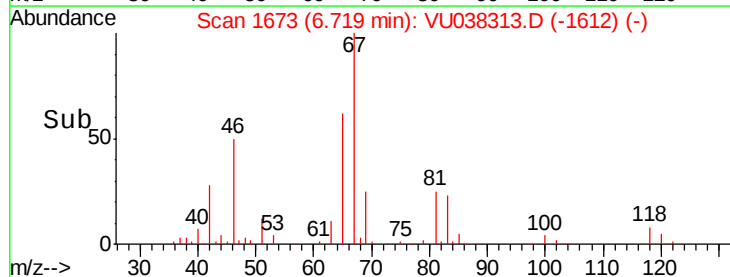
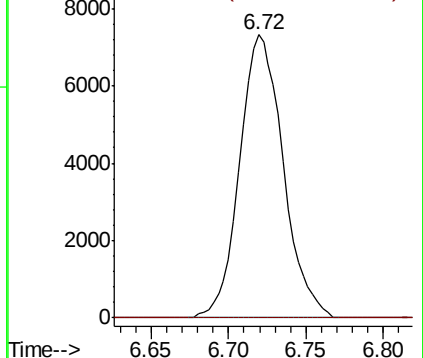


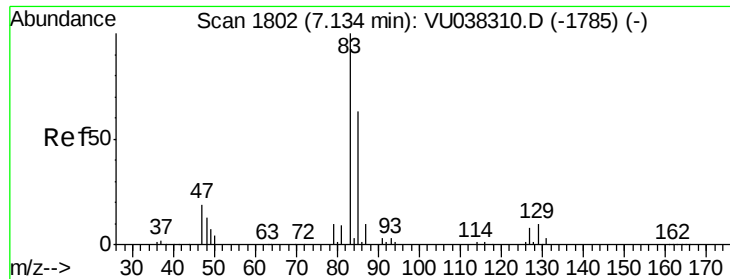
#37
1,2-Dichloropropane
Concen: 0.508 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU038313.D
Acq: 27 May 2020 12:18

Tgt Ion: 63 Resp: 14318
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





#38

Bromodichloromethane

Concen: 0.216 ug/L

RT: 7.15 min Scan# 1808

Delta R.T. 0.02 min

Lab File: VU038313.D

Acq: 27 May 2020 12:18

Instrument :

MSVOA_U

ClientSampleId :

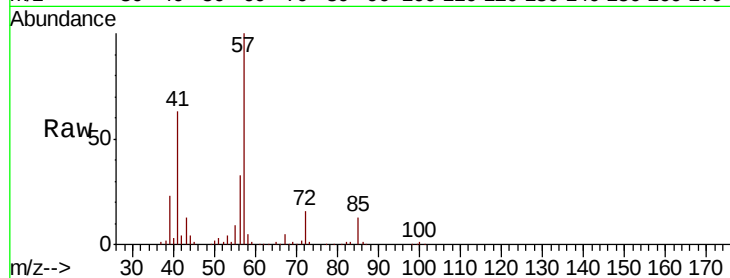
Tot Ion: 83 Resp: 7037

Ion Ratio Lower Upper

83 100

85 963.8 44.6 82.8#

127 0.0 6.4 9.6#

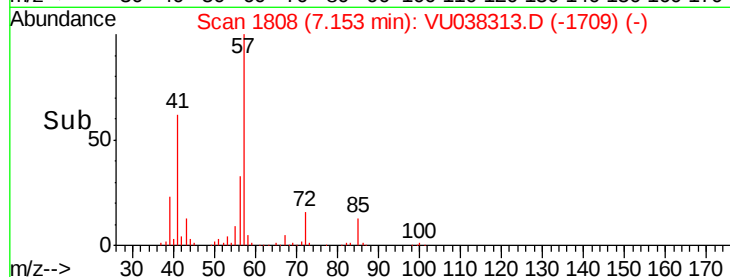


Abundance Ion 82.95 (82.65 to 83.65): VU038313.D (-1785) (-)

Ion 85.00 (84.70 to 85.70): VU038313.D (-1785) (-)

Ion 126.90 (126.60 to 127.60): VU038313.D (-1785) (-)

Time-->

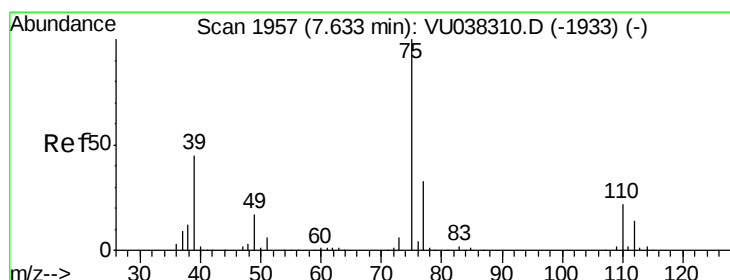


Abundance Ion 82.95 (82.65 to 83.65): VU038313.D (-1785) (-)

Ion 85.00 (84.70 to 85.70): VU038313.D (-1785) (-)

Ion 126.90 (126.60 to 127.60): VU038313.D (-1785) (-)

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.091 ug/L

RT: 7.59 min Scan# 1943

Delta R.T. -0.05 min

Lab File: VU038313.D

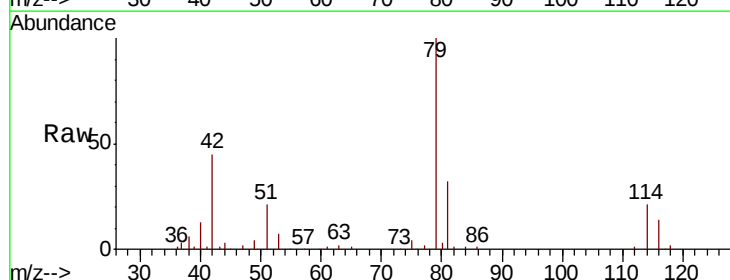
Acq: 27 May 2020 12:18

Tgt Ion: 75 Resp: 3682

Ion Ratio Lower Upper

75 100

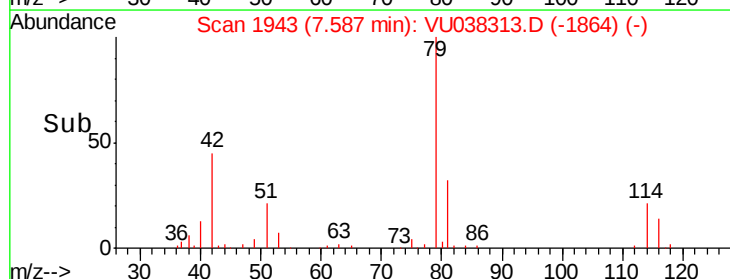
77 59.5 22.4 41.6#



Abundance Ion 75.05 (74.75 to 75.75): VU038313.D (-1864) (-)

Ion 77.05 (76.75 to 77.75): VU038313.D (-1864) (-)

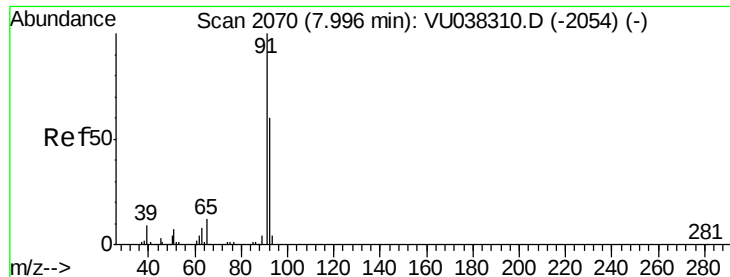
Time-->



Abundance Ion 75.05 (74.75 to 75.75): VU038313.D (-1864) (-)

Ion 77.05 (76.75 to 77.75): VU038313.D (-1864) (-)

Time-->



#42

Toluene

Concen: 0.203 ug/L

RT: 7.99 min Scan# 2069

Delta R.T. -0.00 min

Lab File: VU038313.D

Acq: 27 May 2020 12:18

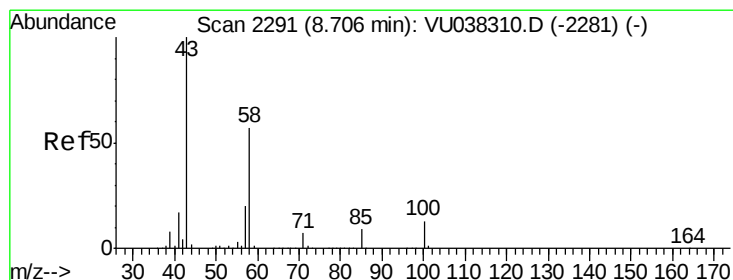
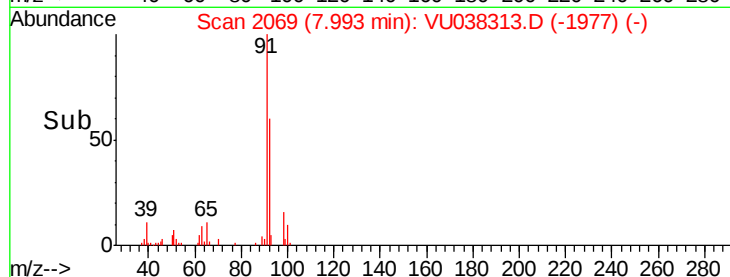
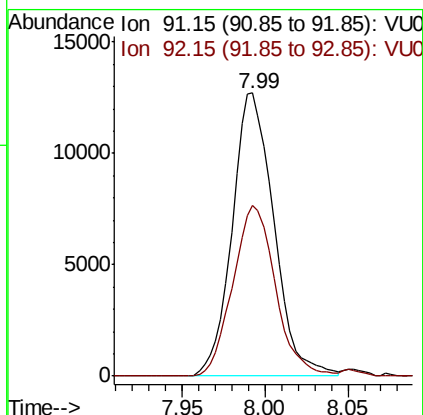
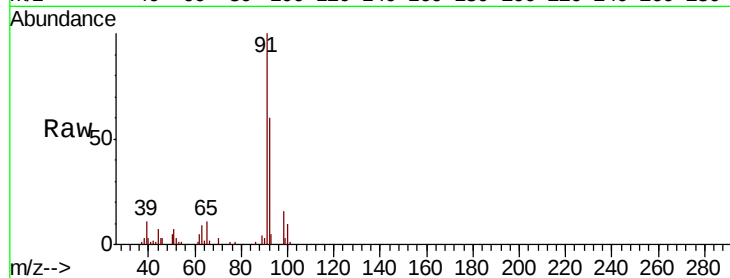
Instrument :
MSVOA_U
ClientSampled :

Tot Ion: 91 Resp: 22232

Ion Ratio Lower Upper

91 100

92 60.3 40.9 75.9



#48

2-Hexanone

Concen: 2.129 ug/L

RT: 8.71 min Scan# 2291

Delta R.T. -0.00 min

Lab File: VU038313.D

Acq: 27 May 2020 12:18

Tgt Ion: 43 Resp: 30431

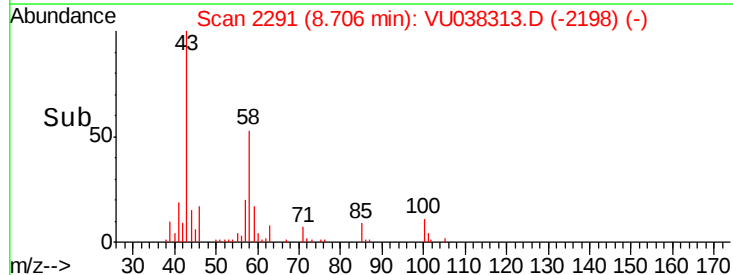
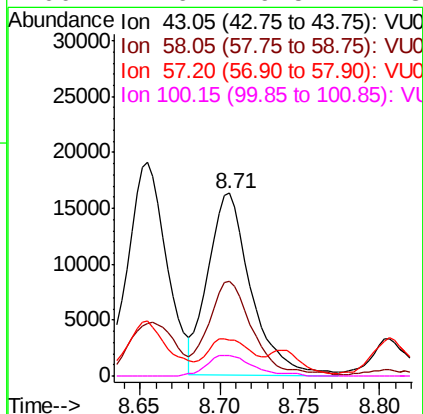
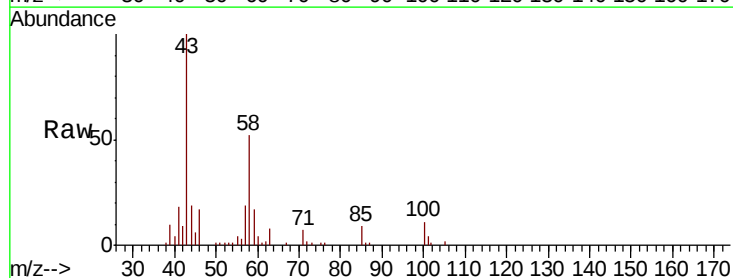
Ion Ratio Lower Upper

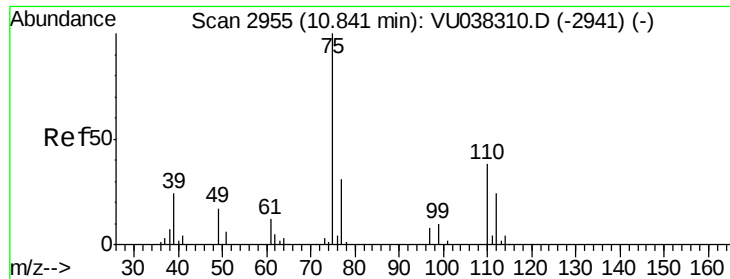
43 100

58 53.5 45.2 67.8

57 20.9 15.5 23.3

100 11.6 9.5 14.3

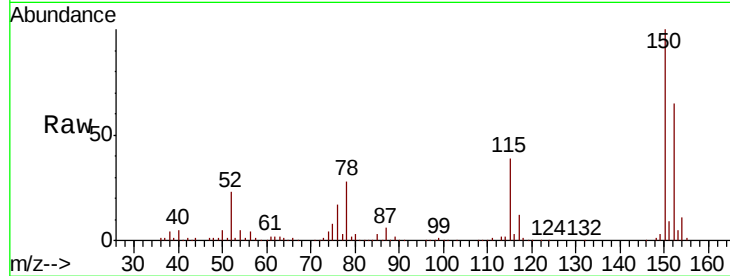




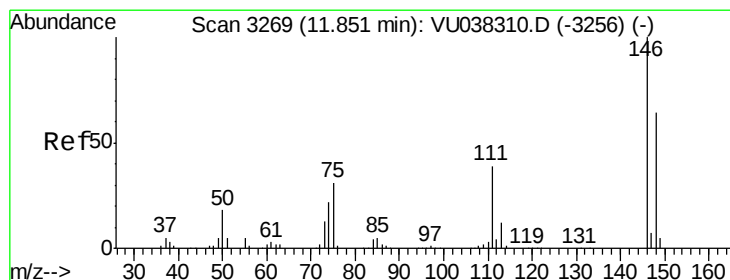
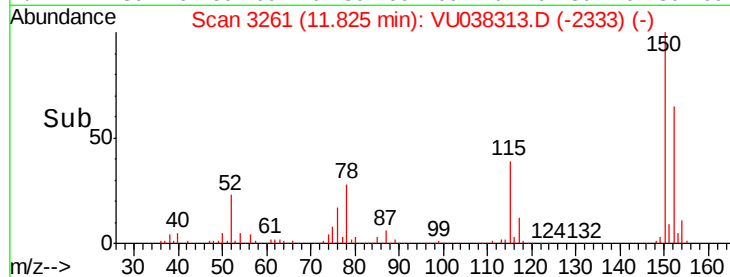
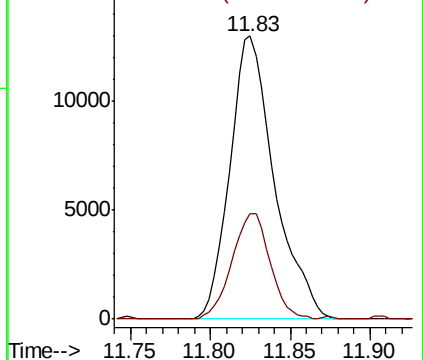
#59
 1,2,3-Trichloropropane
 Concen: 1.303 ug/L
 RT: 11.83 min Scan# 3261
 Delta R.T. 0.98 min
 Lab File: VU038313.D
 Acq: 27 May 2020 12:18

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 75 Resp: 24638
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.4 38.0

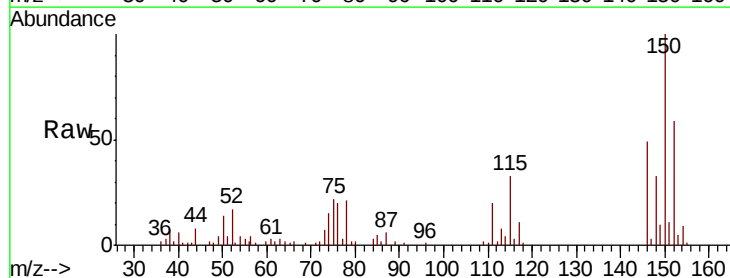


Abundance Ion 75.00 (74.70 to 75.70): VU038310.D (-2941) (-)
 Ion 77.00 (76.70 to 77.70): VU038310.D (-2941) (-)

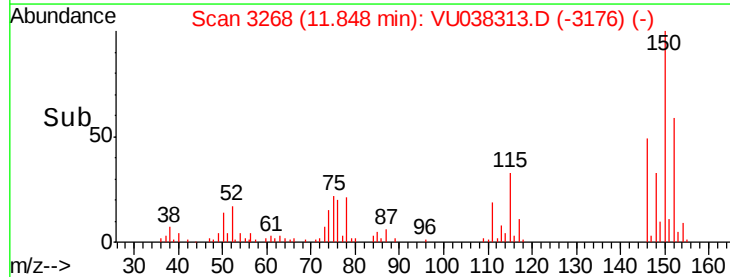
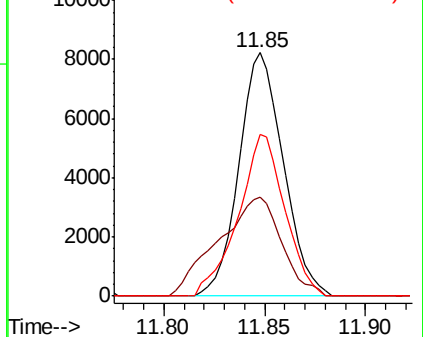


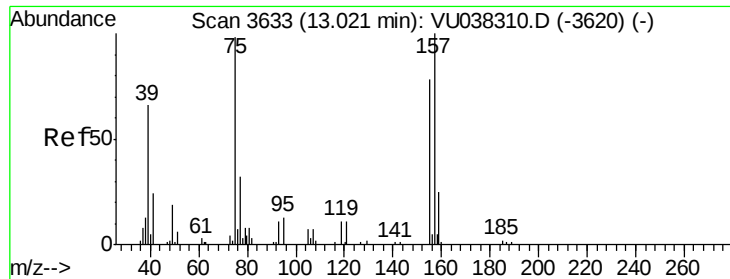
#63
 1,4-Dichlorobenzene
 Concen: 0.235 ug/L
 RT: 11.85 min Scan# 3268
 Delta R.T. -0.00 min
 Lab File: VU038313.D
 Acq: 27 May 2020 12:18

Tgt Ion: 146 Resp: 12696
 Ion Ratio Lower Upper
 146 100
 111 40.6 27.2 50.6
 148 66.4 43.8 81.3



Abundance Ion 145.95 (145.65 to 146.65): VU038310.D (-3256) (-)
 Ion 111.00 (110.70 to 111.70): VU038310.D (-3256) (-)
 Ion 148.00 (147.70 to 148.70): VU038310.D (-3256) (-)

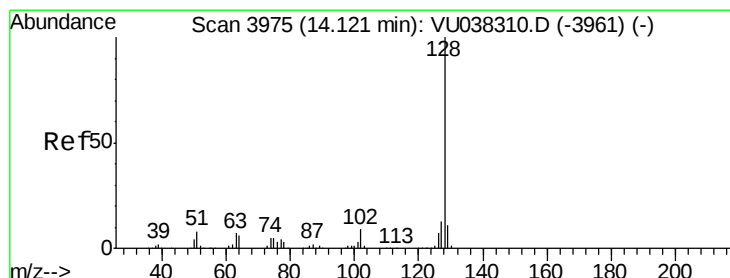
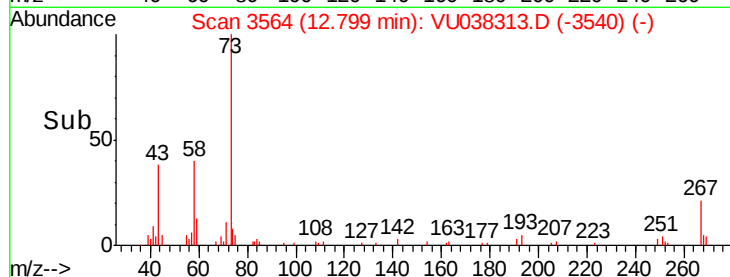
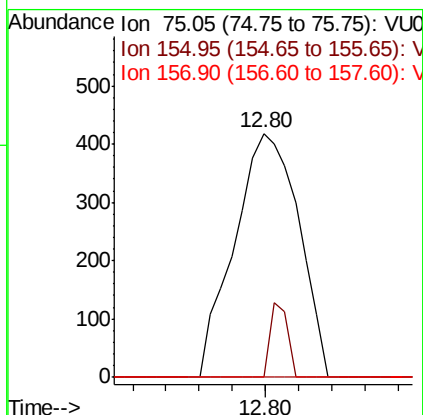
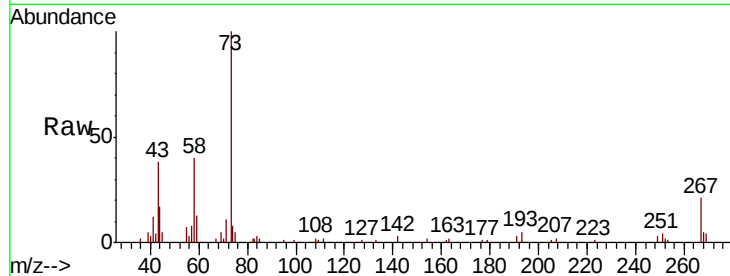




#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.134 ug/L
 RT: 12.80 min Scan# 3564
 Delta R.T. -0.22 min
 Lab File: VU038313.D
 Acq: 27 May 2020 12:18

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 75 Resp: 563
 Ion Ratio Lower Upper
 75 100
 155 0.0 58.2 87.2#
 157 0.0 72.9 109.3#



#69
 Naphthalene
 Concen: 0.912 ug/L
 RT: 14.11 min Scan# 3973
 Delta R.T. -0.01 min
 Lab File: VU038313.D
 Acq: 27 May 2020 12:18

Tgt Ion: 128 Resp: 67245
 Ion Ratio Lower Upper
 128 100
 129 11.1 8.7 13.1
 127 12.5 10.2 15.4

