

Data File : VU036554.D
Acq On : 24 Jan 2020 14:52
Operator : JC/MD
Sample : VU0124WBL01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK601

Quant Time: Jan 24 23:23:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR012420WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jan 24 23:19:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	149003	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	137535	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.83	152	64088	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	39664	4.84	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.80%
7) Chloroethane-d5	1.93	69	37206	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.20%
11) 1,1-Dichloroethene-d2	2.59	65	16778	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.40%
20) 2-Butanone-d5	4.70	46	95170	52.72	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.44%
24) Chloroform-d	5.11	84	74421	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.75	65	39697	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.77	84	166257	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
36) 1,2-Dichloropropane-d6	6.73	67	51925	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.40%
41) Toluene-d8	7.93	98	160898	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
43) trans-1,3-Dichloropropene-	8.21	79	19998	4.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.20%
46) 2-Hexanone-d5	8.67	63	101072	53.98	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.96%
56) 1,1,2,2-Tetrachloroethane-	10.78	84	41112	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
66) 1,2-Dichlorobenzene-d4	12.21	152	56944	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

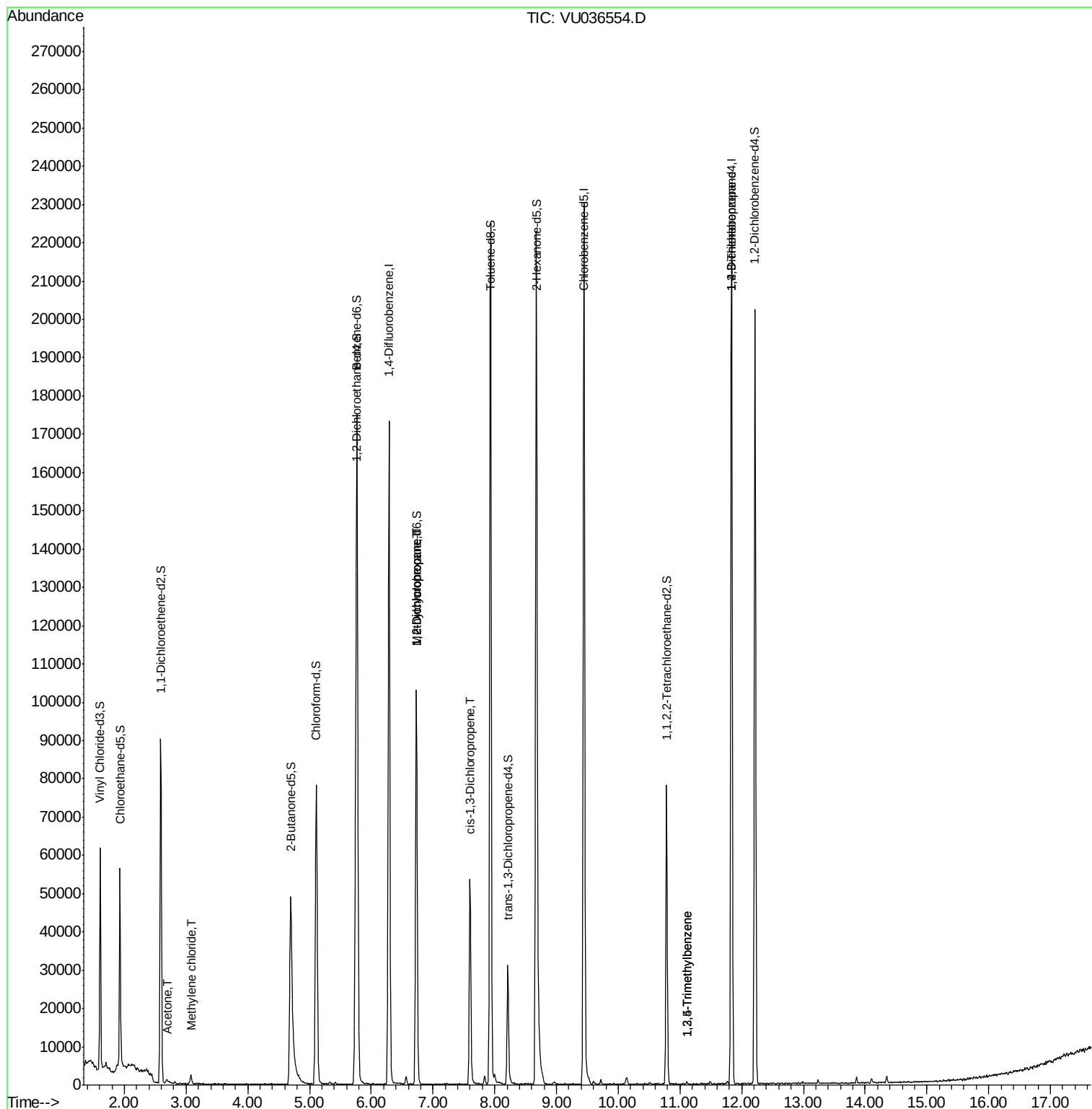
					Qvalue
13) Acetone	2.68	43	2089	1.552 ug/L	66
16) Methylene chloride	3.08	84	1210	0.100 ug/L	91
35) Methylcyclohexane	6.73	83	11588	0.661 ug/L #	22
37) 1,2-Dichloropropane	6.73	63	5072	0.528 ug/L #	88
39) cis-1,3-Dichloropropene	7.60	75	1120	0.076 ug/L #	51
61) 1,2,3-Trichloropropane	11.83	75	7257	1.216 ug/L #	65
62) 1,3,5-Trimethylbenzene	11.11	105	346	0.009 ug/L #	83
63) 1,2,4-Trimethylbenzene	11.11	105	346	0.009 ug/L	88

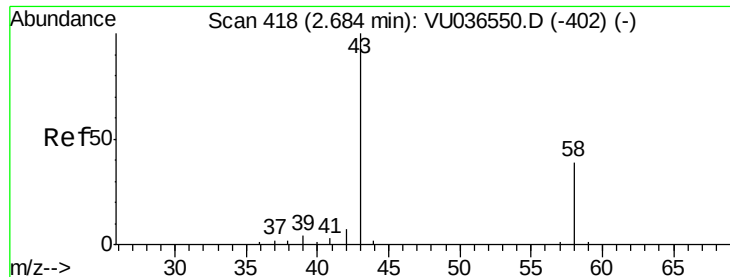
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.552 ug/L

RT: 2.68 min Scan# 418

Delta R.T. 0.00 min

Lab File: VU036554.D

Acq: 24 Jan 2020 14:52

Instrument :

MSVOA_U

ClientSampled :

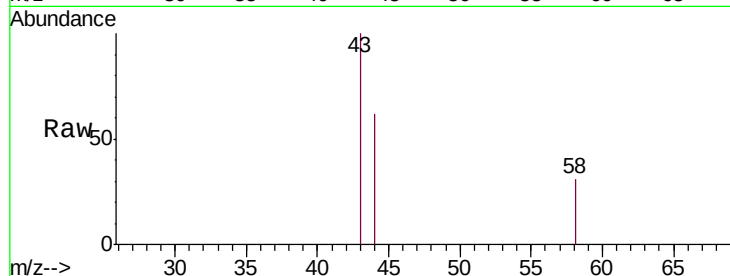
VBLK601

Tgt Ion: 43 Resp: 2089

Ion Ratio Lower Upper

43 100

58 16.7 0.0 74.0



Abundance Ion 43.05 (42.75 to 43.75): VU036550.D (-402) (-)

Ion 58.05 (57.75 to 58.75): VU036550.D (-402) (-)

2.68

800

600

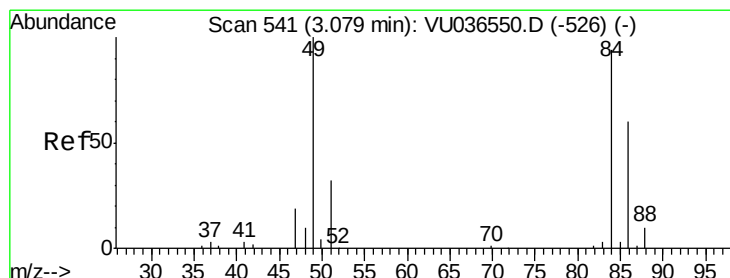
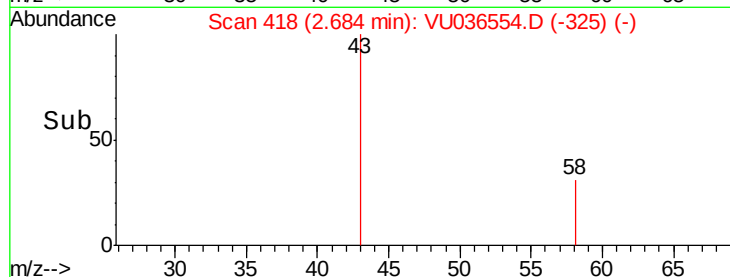
400

200

0

2.65 2.70 2.75

Time-->



#16

Methylene chloride

Concen: 0.100 ug/L

RT: 3.08 min Scan# 541

Delta R.T. 0.00 min

Lab File: VU036554.D

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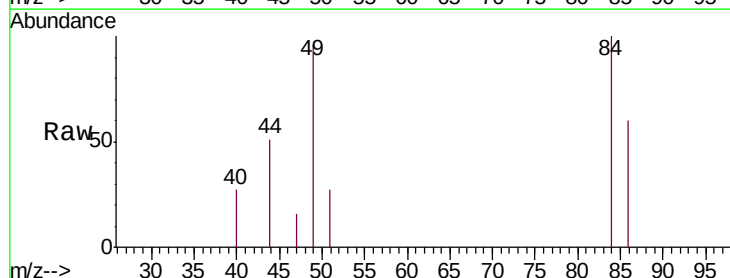
Tgt Ion: 84 Resp: 1210

Ion Ratio Lower Upper

84 100

86 59.8 44.8 83.2

49 96.0 74.8 139.0



Abundance Ion 84.05 (83.75 to 84.75): VU036550.D (-526) (-)

Ion 86.00 (85.70 to 86.70): VU036550.D (-526) (-)

Ion 49.10 (48.80 to 49.80): VU036550.D (-526) (-)

3.08

1000

800

600

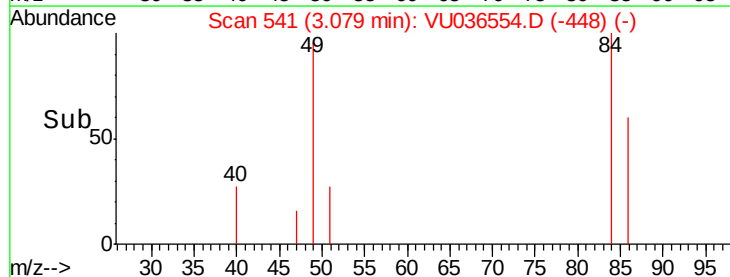
400

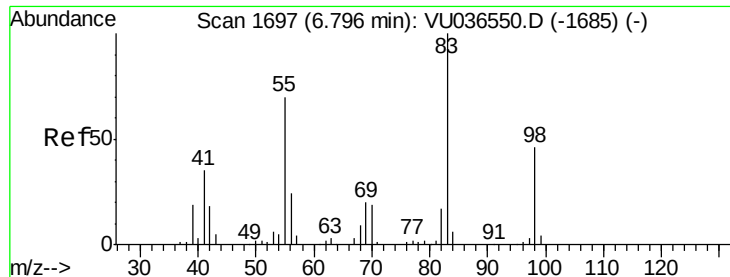
200

0

3.05 3.10

Time-->

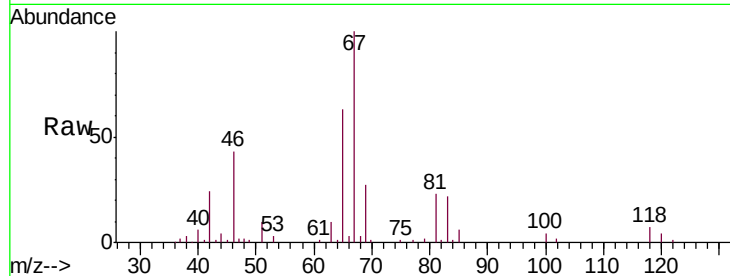




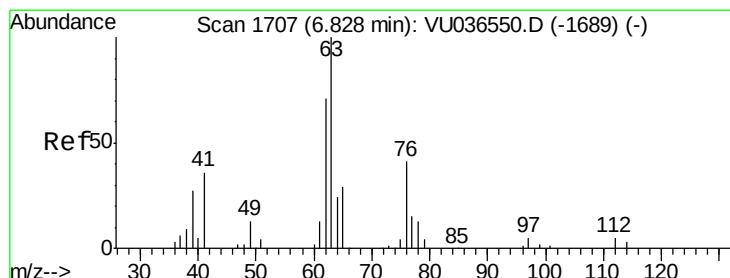
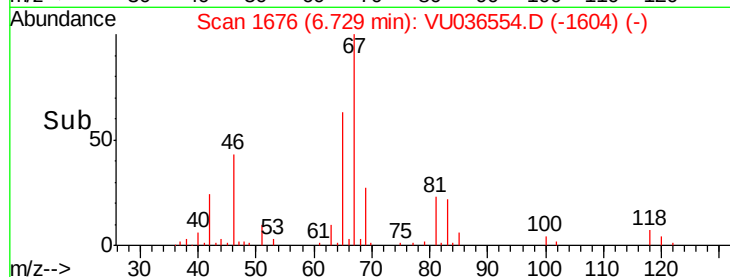
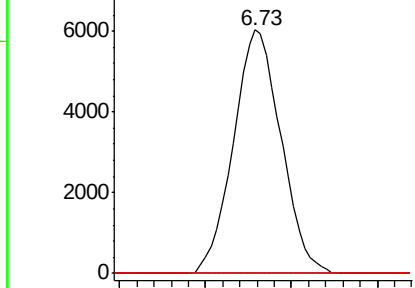
#35
Methylcyclohexane
Concen: 0.661 ug/L
RT: 6.73 min Scan# 1676
Delta R.T. -0.07 min
Lab File: VU036554.D
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ClientSampleId :
VBLK601

Tgt Ion: 83 Resp: 11588
Ion Ratio Lower Upper
83 100
55 0.0 56.9 85.3#
98 3.0 36.9 55.3#

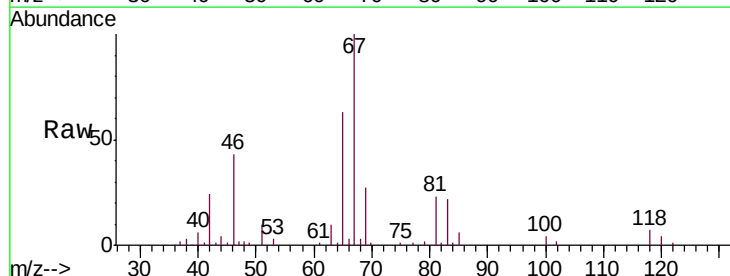


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

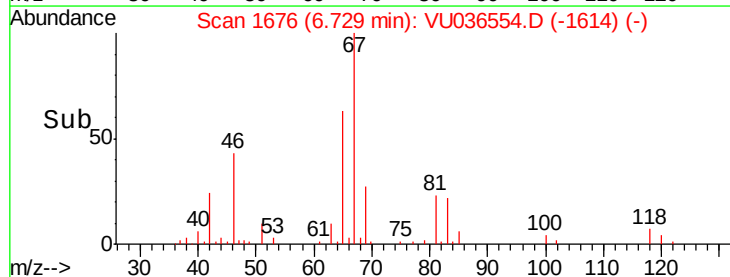
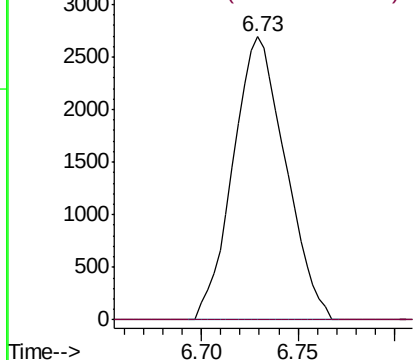


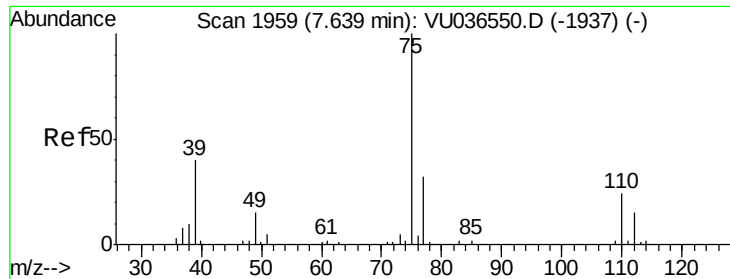
#37
1,2-Dichloropropane
Concen: 0.528 ug/L
RT: 6.73 min Scan# 1676
Delta R.T. -0.10 min
Lab File: VU036554.D
Acq: 24 Jan 2020 14:52

Tgt Ion: 63 Resp: 5072
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



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

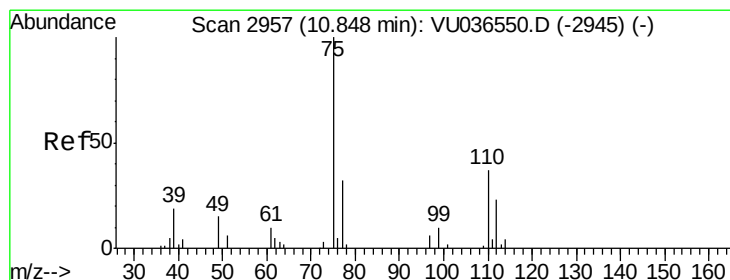
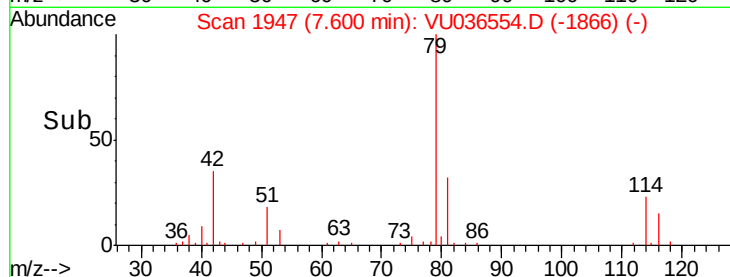
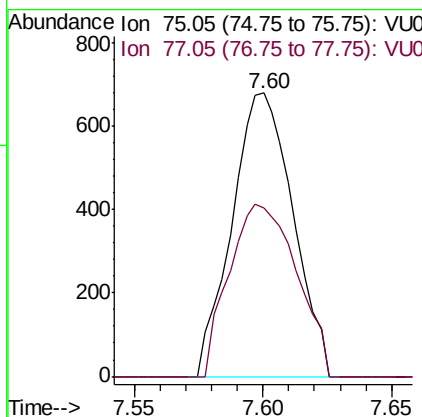
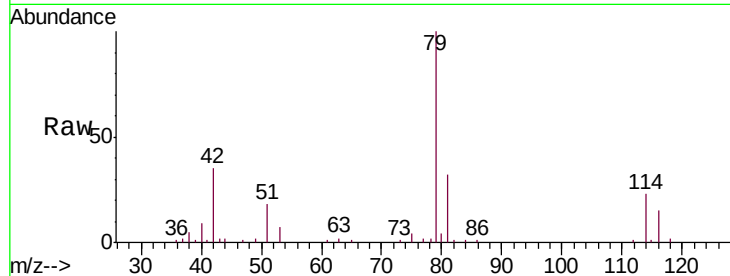




#39
 cis-1,3-Dichloropropene
 Concen: 0.076 ug/L
 RT: 7.60 min Scan# 1947
 Delta R.T. -0.04 min
 Lab File: VU036554.D
 Acq: 24 Jan 2020 14:52

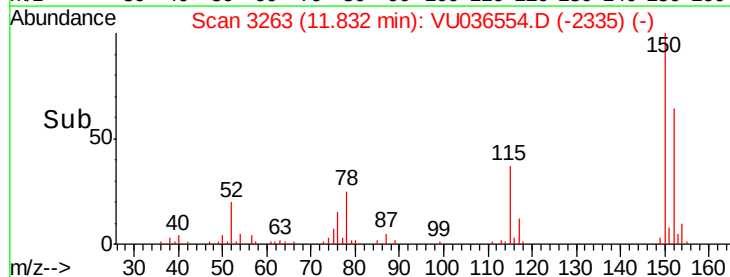
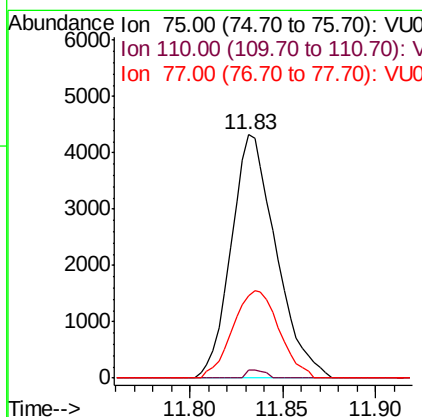
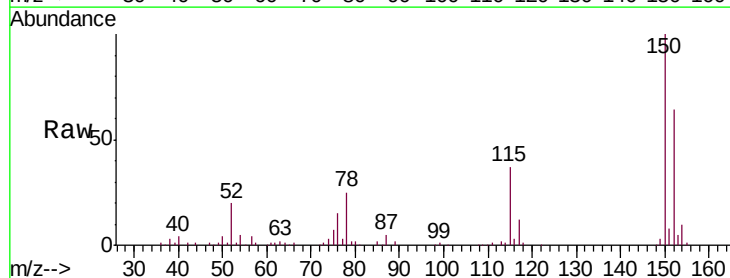
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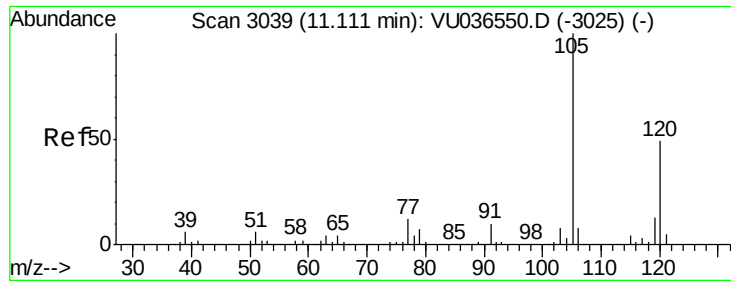
Tgt Ion: 75 Resp: 1120
 Ion Ratio Lower Upper
 75 100
 77 59.3 22.3 41.5#



#61
 1,2,3-Trichloropropane
 Concen: 1.216 ug/L
 RT: 11.83 min Scan# 3263
 Delta R.T. 0.98 min
 Lab File: VU036554.D
 Acq: 24 Jan 2020 14:52

Tgt Ion: 75 Resp: 7257
 Ion Ratio Lower Upper
 75 100
 110 1.3 29.0 43.4#
 77 37.2 25.8 38.6

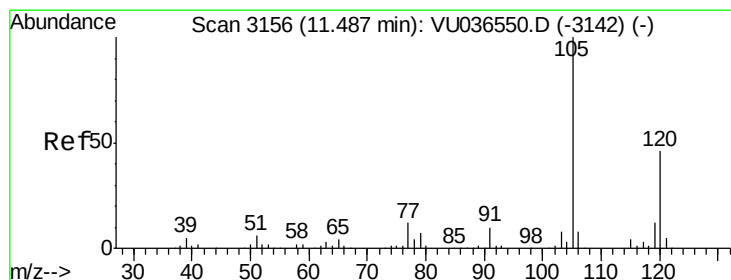
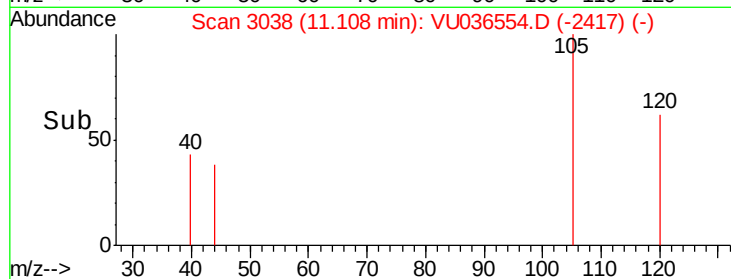
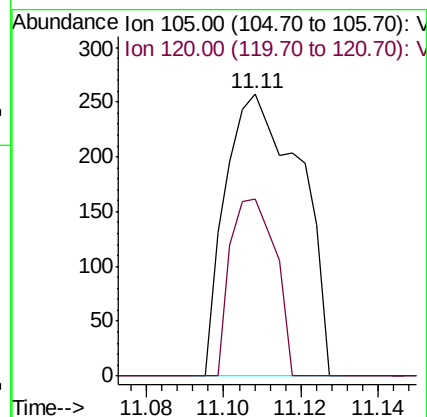
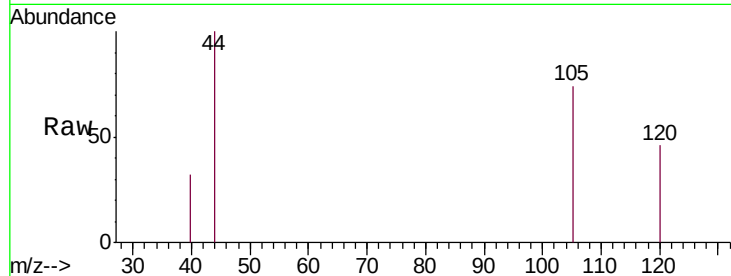




#62
 1,3,5-Trimethylbenzene
 Concen: 0.009 ug/L
 RT: 11.11 min Scan# 3038
 Delta R.T. -0.00 min
 Lab File: VU036554.D
 Acq: 24 Jan 2020 14:52

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK601

Tgt Ion:105 Resp: 346
 Ion Ratio Lower Upper
 105 100
 120 37.9 39.7 59.5#



#63
 1,2,4-Trimethylbenzene
 Concen: 0.009 ug/L
 RT: 11.11 min Scan# 3038
 Delta R.T. -0.38 min
 Lab File: VU036554.D
 Acq: 24 Jan 2020 14:52

Tgt Ion:105 Resp: 346
 Ion Ratio Lower Upper
 105 100
 120 37.9 36.9 55.3

