

Data File : VU036556.D
Acq On : 24 Jan 2020 15:41
Operator : JC/MD
Sample : VU0124WBL03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK603

Quant Time: Jan 24 23:23:30 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	144654	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	134877	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.83	152	62094	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	38818	4.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.60%
7) Chloroethane-d5	1.93	69	36510	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.20%
11) 1,1-Dichloroethene-d2	2.59	65	16672	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.60%
20) 2-Butanone-d5	4.69	46	85579	48.83	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.66%
24) Chloroform-d	5.11	84	73551	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.75	65	39780	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.77	84	165809	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
36) 1,2-Dichloropropane-d6	6.73	67	51008	5.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.60%
41) Toluene-d8	7.93	98	160456	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
43) trans-1,3-Dichloropropene-	8.21	79	19964	5.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.00%
46) 2-Hexanone-d5	8.67	63	101094	55.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.12%
56) 1,1,2,2-Tetrachloroethane-	10.78	84	41086	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.20%
66) 1,2-Dichlorobenzene-d4	12.21	152	58691	5.44	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.80%

Target Compounds

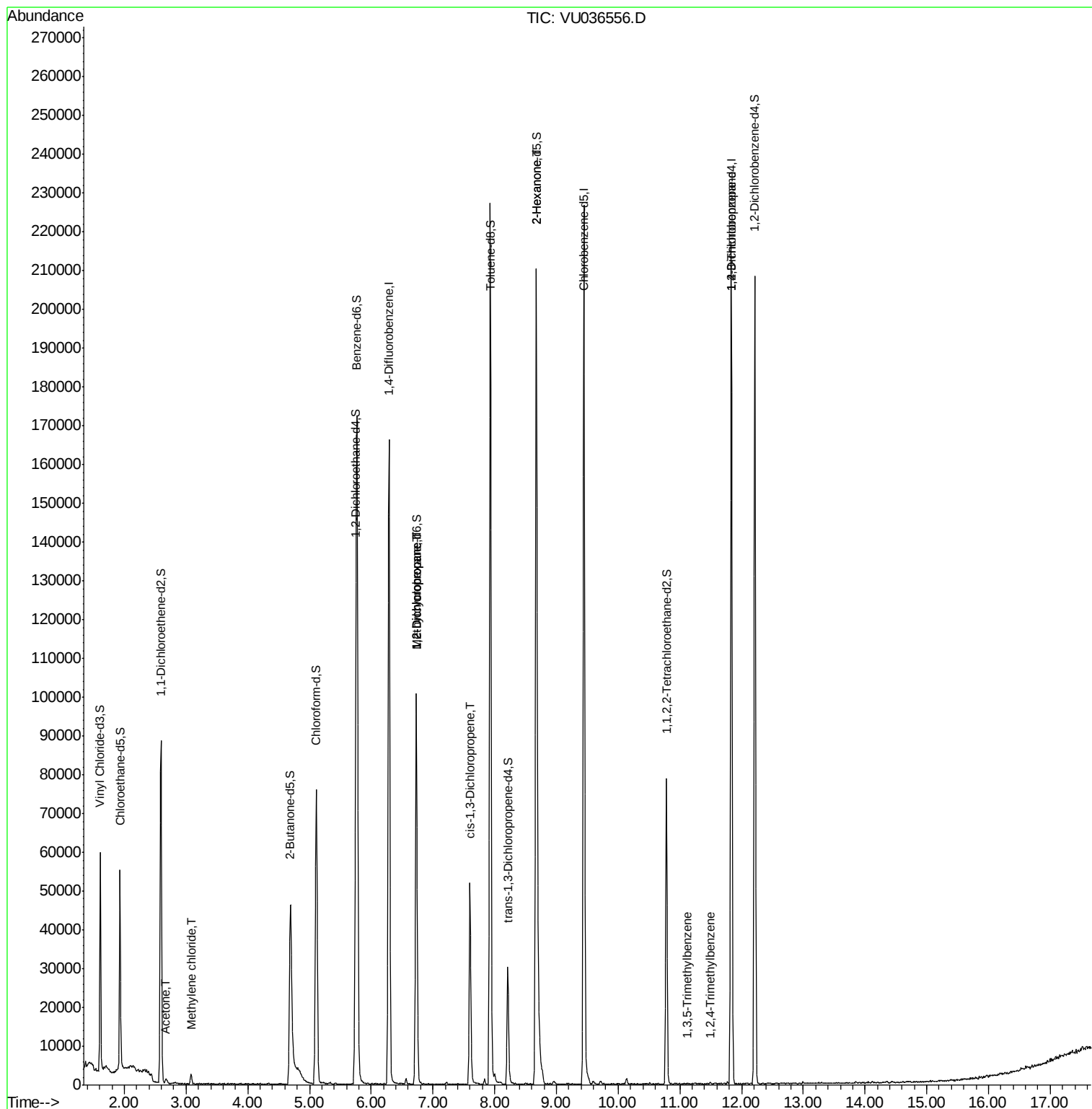
					Qvalue
13) Acetone	2.67	43	1732	1.326	ug/L 96
16) Methylene chloride	3.08	84	1229	0.104	ug/L 85
35) Methylcyclohexane	6.73	83	11536	0.671	ug/L # 21
37) 1,2-Dichloropropane	6.73	63	5111	0.542	ug/L # 88
39) cis-1,3-Dichloropropene	7.60	75	1238	0.085	ug/L # 77
48) 2-Hexanone	8.67	43	9103	2.489	ug/L # 65
61) 1,2,3-Trichloropropane	11.83	75	6871	1.189	ug/L # 64
62) 1,3,5-Trimethylbenzene	11.11	105	197	0.005	ug/L # 28
63) 1,2,4-Trimethylbenzene	11.49	105	359	0.010	ug/L # 30

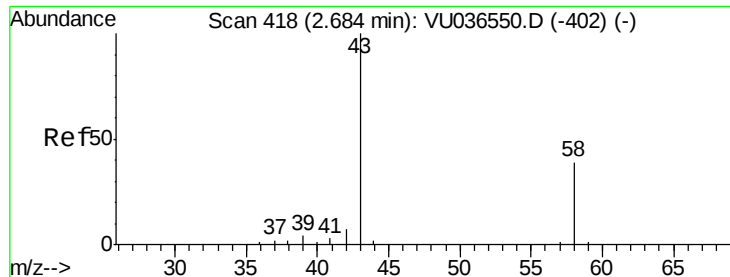
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.326 ug/L

RT: 2.67 min Scan# 415

Delta R.T. -0.01 min

Lab File: VU036556.D

Acq: 24 Jan 2020 15:41

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MSVOA_U

ClientSampleId :

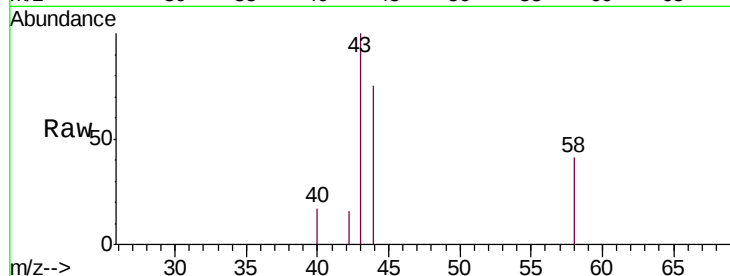
VBLK603

Tgt Ion: 43 Resp: 1732

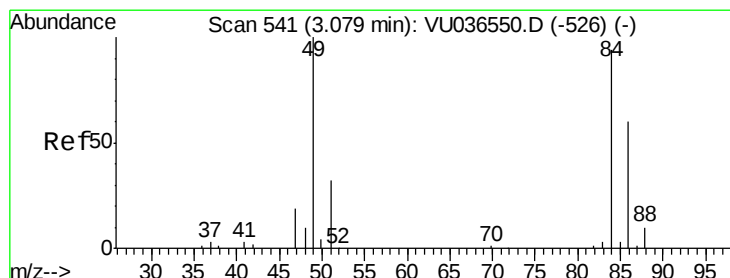
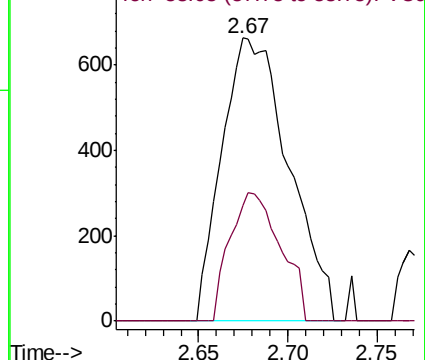
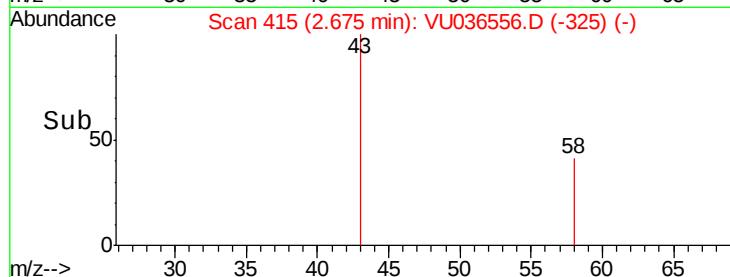
Ion Ratio Lower Upper

43 100

58 34.4 0.0 74.0



Abundance Ion 43.05 (42.75 to 43.75): VU036556.D (-325) (-)



#16

Methylene chloride

Concen: 0.104 ug/L

RT: 3.08 min Scan# 541

Delta R.T. 0.00 min

Lab File: VU036556.D

Acq: 24 Jan 2020 15:41

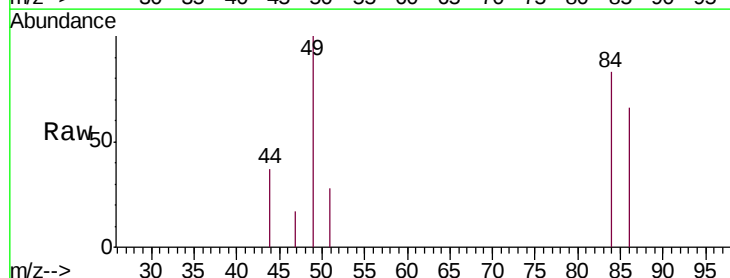
Tgt Ion: 84 Resp: 1229

Ion Ratio Lower Upper

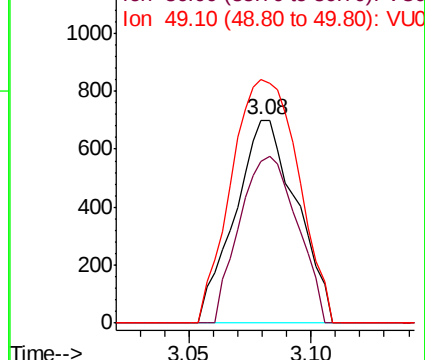
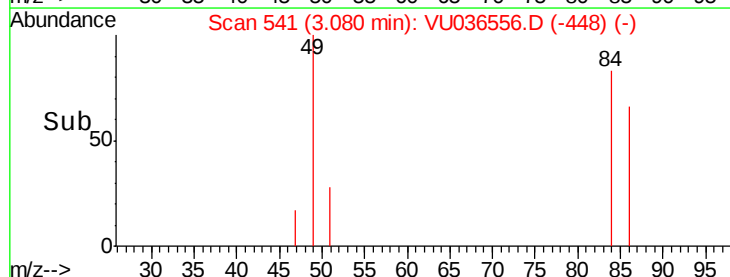
84 100

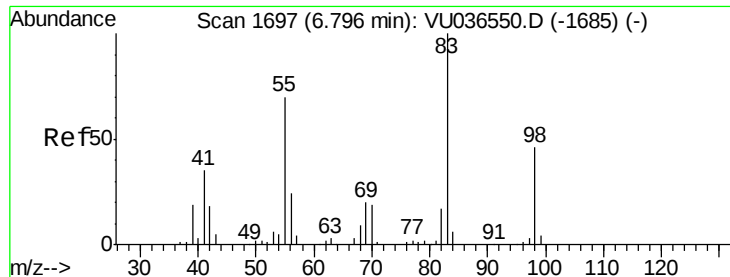
86 79.4 44.8 83.2

49 120.0 74.8 139.0



Abundance Ion 84.05 (83.75 to 84.75): VU036556.D (-448) (-)

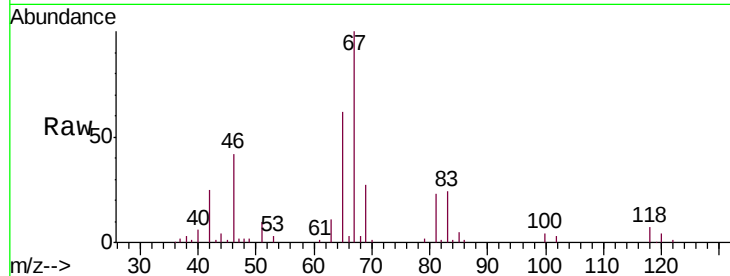




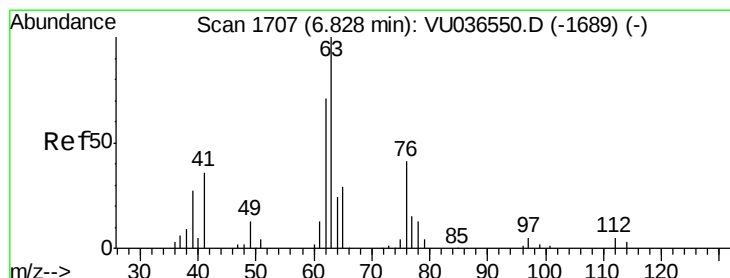
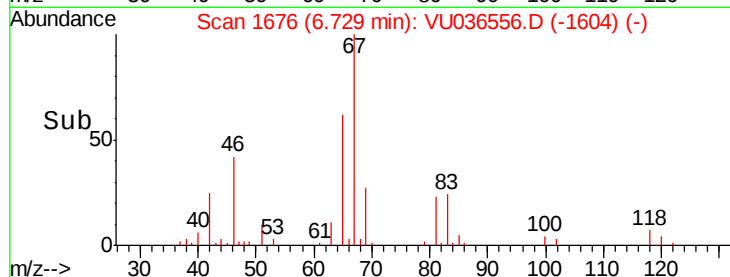
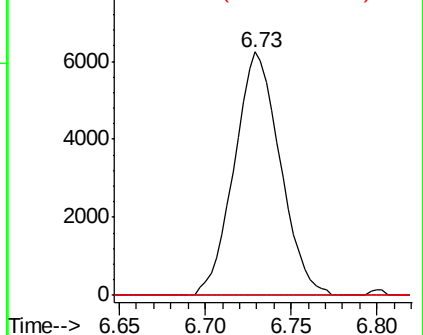
#35
Methylcyclohexane
Concen: 0.671 ug/L
RT: 6.73 min Scan# 1676
Delta R.T. -0.07 min
Lab File: VU036556.D
Acq: 24 Jan 2020 15:41

Instrument :
MSVOA_U
ClientSampleId :
VBLK603

Tgt Ion: 83 Resp: 11536
Ion Ratio Lower Upper
83 100
55 0.0 56.9 85.3#
98 0.3 36.9 55.3#

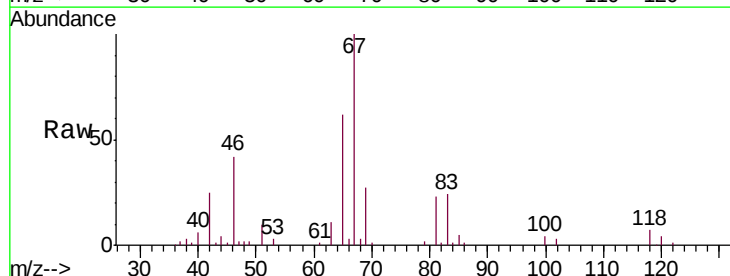


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

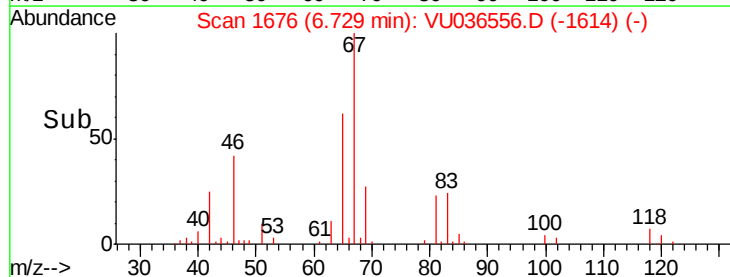
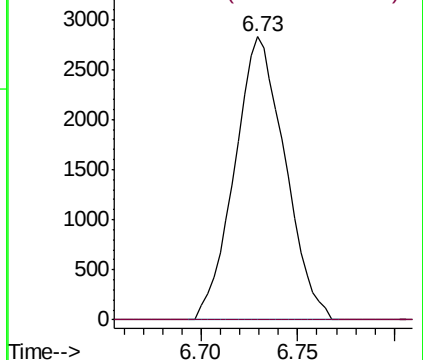


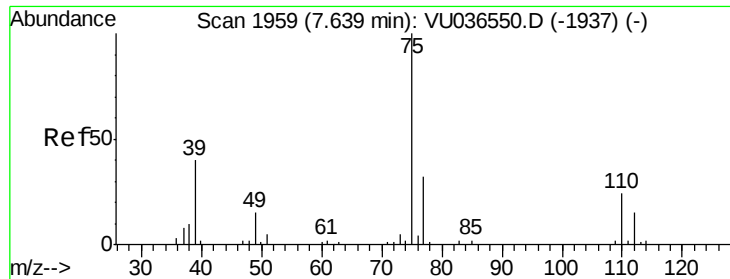
#37
1,2-Dichloropropane
Concen: 0.542 ug/L
RT: 6.73 min Scan# 1676
Delta R.T. -0.10 min
Lab File: VU036556.D
Acq: 24 Jan 2020 15:41

Tgt Ion: 63 Resp: 5111
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

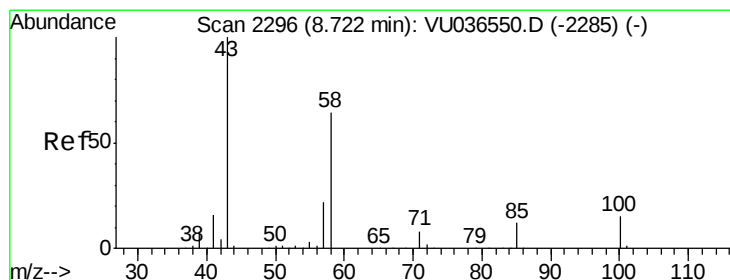
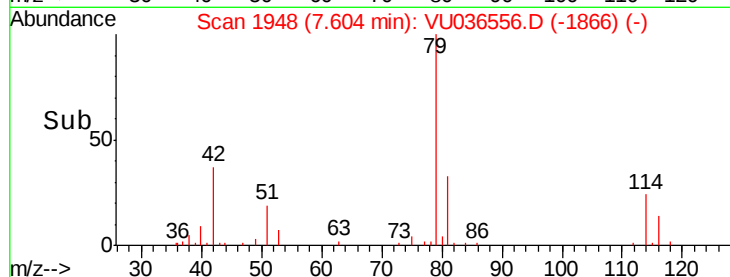
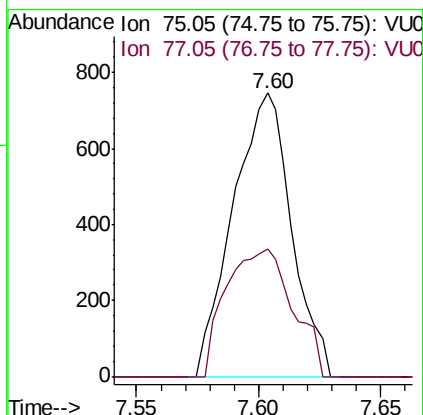
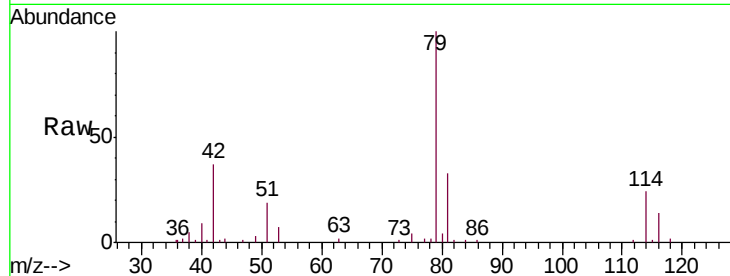




#39
 cis-1,3-Dichloropropene
 Concen: 0.085 ug/L
 RT: 7.60 min Scan# 1948
 Delta R.T. -0.04 min
 Lab File: VU036556.D
 Acq: 24 Jan 2020 15:41

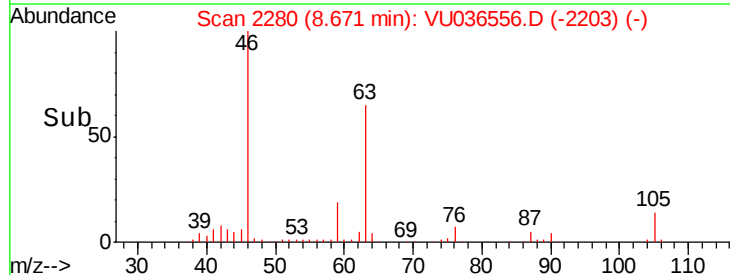
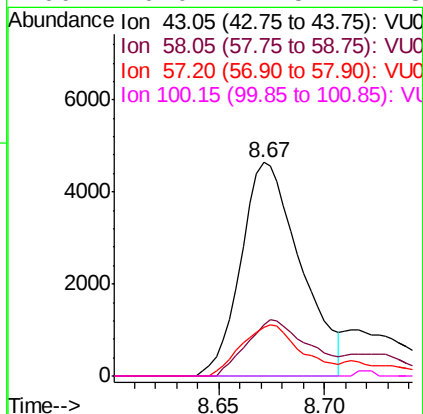
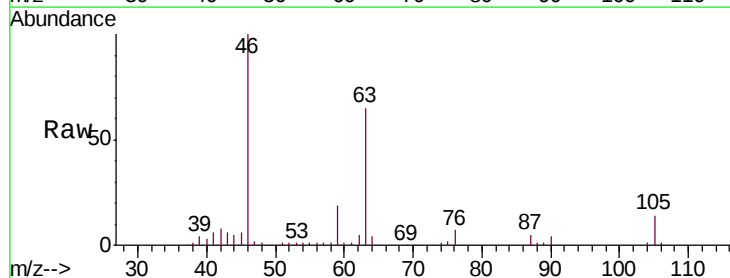
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK603

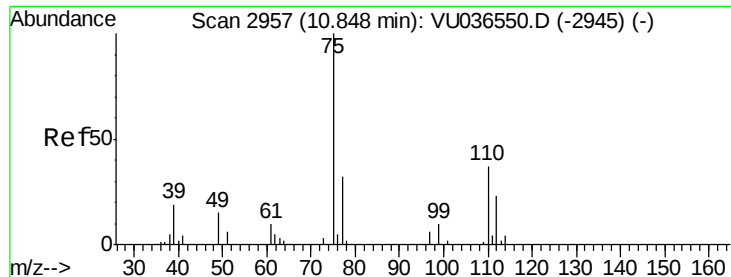
Tgt Ion: 75 Resp: 1238
 Ion Ratio Lower Upper
 75 100
 77 44.9 22.3 41.5#



#48
 2-Hexanone
 Concen: 2.489 ug/L
 RT: 8.67 min Scan# 2280
 Delta R.T. -0.05 min
 Lab File: VU036556.D
 Acq: 24 Jan 2020 15:41

Tgt Ion: 43 Resp: 9103
 Ion Ratio Lower Upper
 43 100
 58 27.4 50.2 75.2#
 57 24.2 17.5 26.3
 100 0.0 11.5 17.3#





#61

1,2,3-Trichloropropane

Concen: 1.189 ug/L

RT: 11.83 min Scan# 3264

Delta R.T. 0.99 min

Lab File: VU036556.D

Acq: 24 Jan 2020 15:41

Instrument :

MSVOA_U

ClientSampleId :

VBLK603

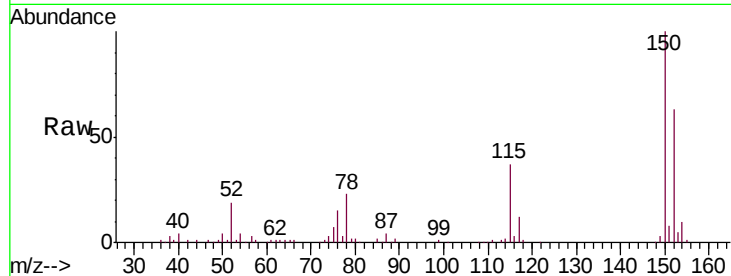
Tgt Ion: 75 Resp: 6871

Ion Ratio Lower Upper

75 100

110 2.0 29.0 43.4#

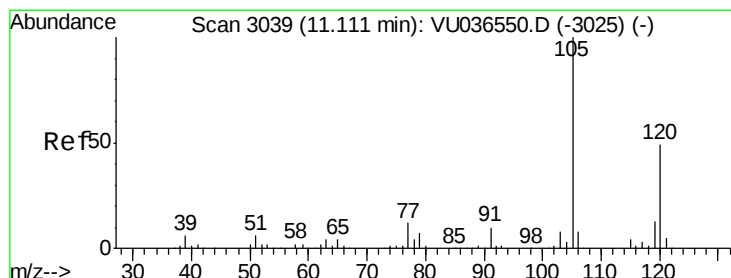
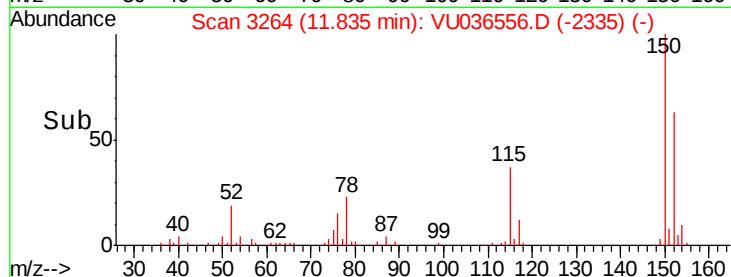
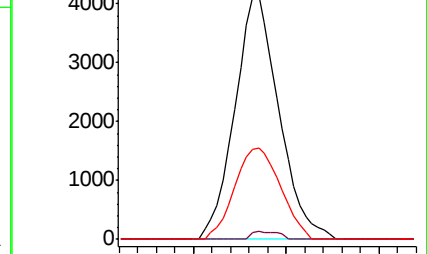
77 38.8 25.8 38.6#



Abundance Ion 75.00 (74.70 to 75.70): VU036550.D (-2945) (-)

Ion 110.00 (109.70 to 110.70): VU036550.D (-2945) (-)

Ion 77.00 (76.70 to 77.70): VU036550.D (-2945) (-)



#62

1,3,5-Trimethylbenzene

Concen: 0.005 ug/L

RT: 11.11 min Scan# 3039

Delta R.T. 0.00 min

Lab File: VU036556.D

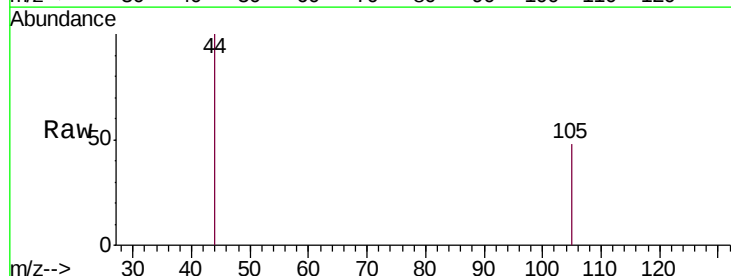
Acq: 24 Jan 2020 15:41

Tgt Ion: 105 Resp: 197

Ion Ratio Lower Upper

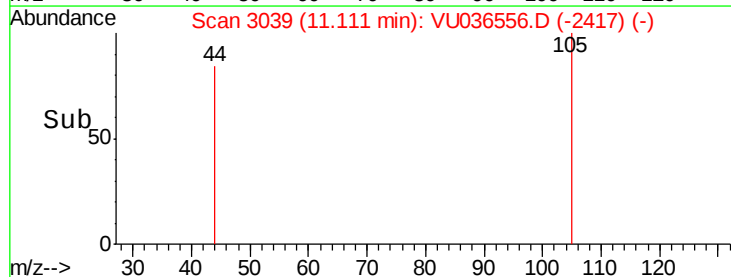
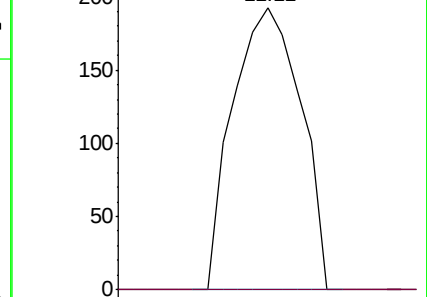
105 100

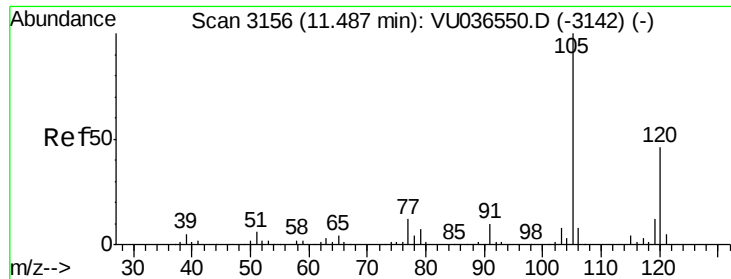
120 0.0 39.7 59.5#



Abundance Ion 105.00 (104.70 to 105.70): VU036550.D (-3025) (-)

Ion 120.00 (119.70 to 120.70): VU036550.D (-3025) (-)





#63

1,2,4-Trimethylbenzene

Concen: 0.010 ug/L

RT: 11.49 min Scan# 3156

Delta R.T. 0.00 min

Lab File: VU036556.D

Acq: 24 Jan 2020 15:41

Instrument :

MSVOA_U

ClientSampleId :

VBLK603

Tgt Ion:105 Resp: 359

Ion Ratio Lower Upper

105 100

120 0.0 36.9 55.3#

