

Data File : VU036571.D
Acq On : 28 Jan 2020 11:59
Operator : JC/MD
Sample : VU0128WBL07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK607

Quant Time: Jan 29 06:10:51 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SFAMUTR012420WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Jan 28 02:33:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	149052	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	141726	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.83	152	65241	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	36040	4.40	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.00%
7) Chloroethane-d5	1.93	69	35793	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.40%
11) 1,1-Dichloroethene-d2	2.59	65	15634	4.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.60%
20) 2-Butanone-d5	4.69	46	105051	58.17	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.34%
24) Chloroform-d	5.11	84	74311	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	5.74	65	40565	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	5.77	84	164563	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.73	67	52532	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.93	98	158806	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
43) trans-1,3-Dichloropropene-	8.21	79	21141	5.09	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.80%
46) 2-Hexanone-d5	8.67	63	107954	55.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.90%
56) 1,1,2,2-Tetrachloroethane-	10.78	84	43966	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.00%
66) 1,2-Dichlorobenzene-d4	12.21	152	58770	5.19	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.80%

Target Compounds

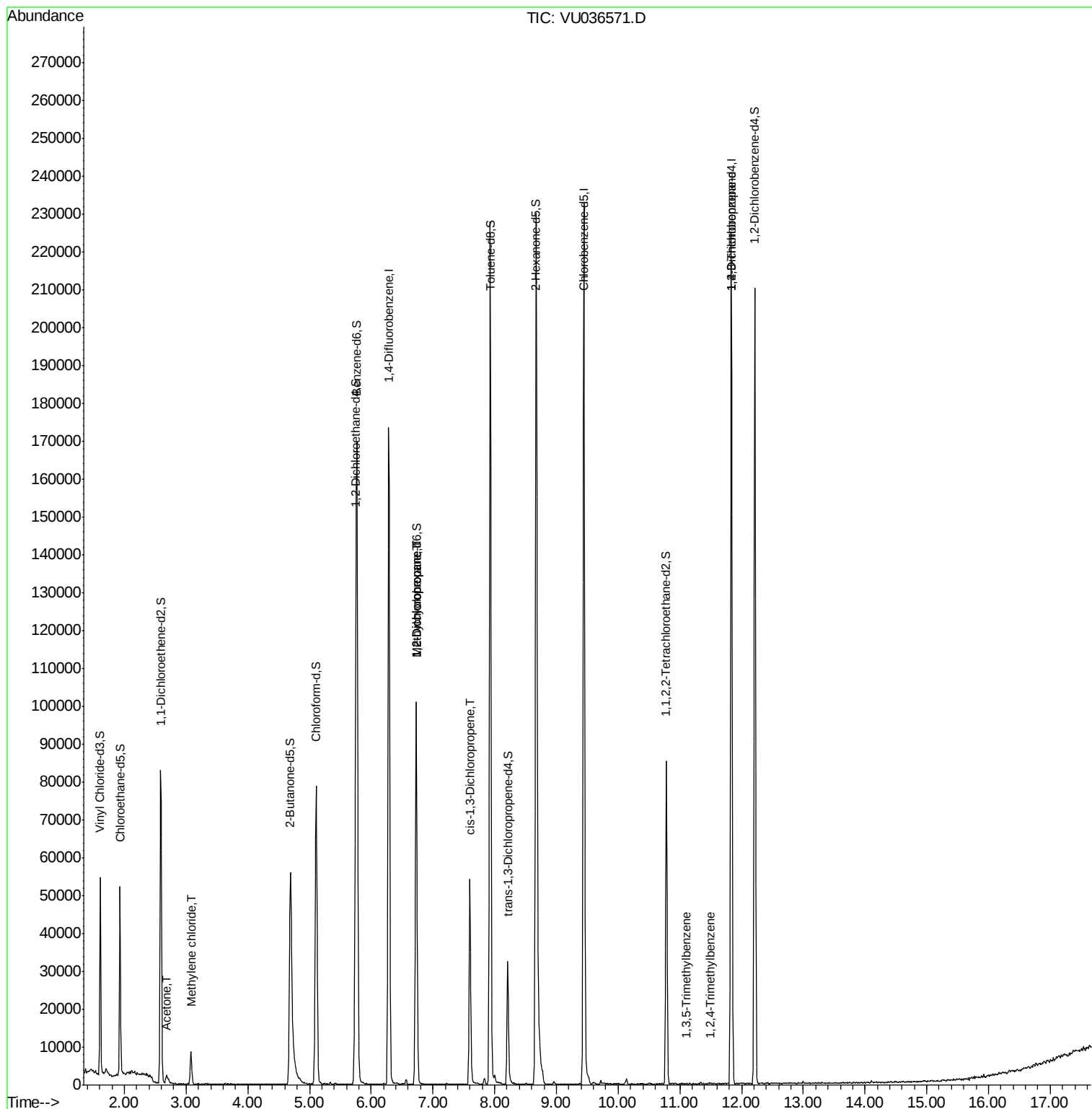
					Qvalue
13) Acetone	2.68	43	4147	3.081 ug/L	92
16) Methylene chloride	3.08	84	4624	0.382 ug/L	94
35) Methylcyclohexane	6.73	83	12167	0.673 ug/L #	21
37) 1,2-Dichloropropane	6.73	63	5198	0.525 ug/L #	88
39) cis-1,3-Dichloropropene	7.60	75	1262	0.083 ug/L #	56
61) 1,2,3-Trichloropropane	11.83	75	7459	1.228 ug/L #	66
62) 1,3,5-Trimethylbenzene	11.11	105	101	0.003 ug/L #	28
63) 1,2,4-Trimethylbenzene	11.49	105	194	0.005 ug/L #	62

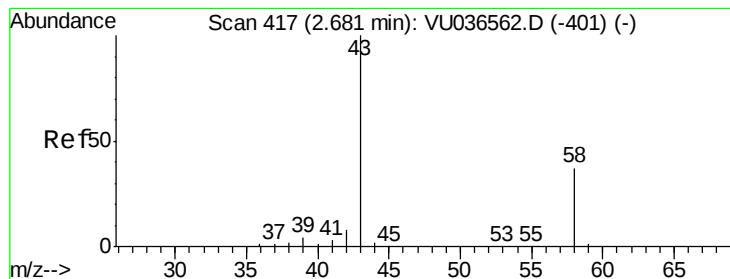
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.081 ug/L

RT: 2.68 min Scan# 418

Delta R.T. 0.00 min

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Acq: 28 Jan 2020 11:59

Instrument :

MSVOA_U

ClientSampleId :

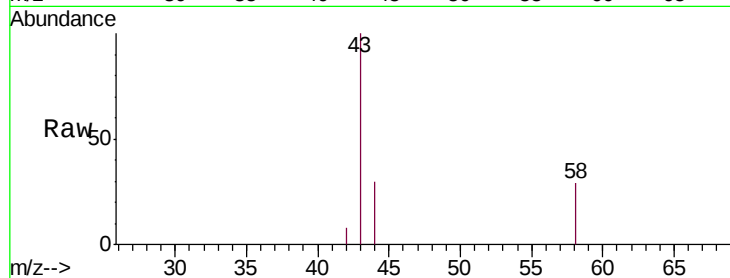
VBLK607

Tgt Ion: 43 Resp: 4147

Ion Ratio Lower Upper

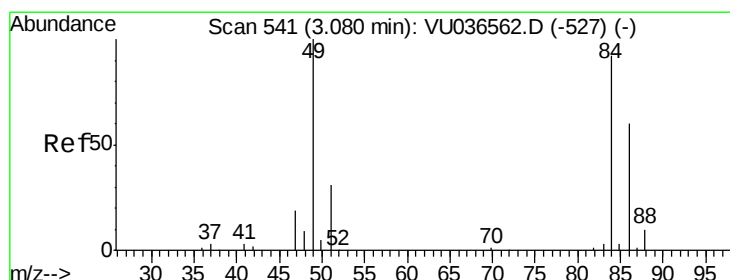
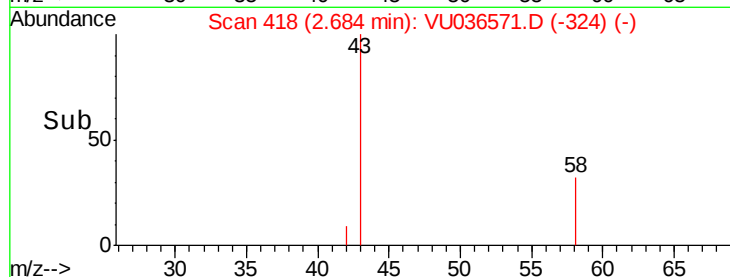
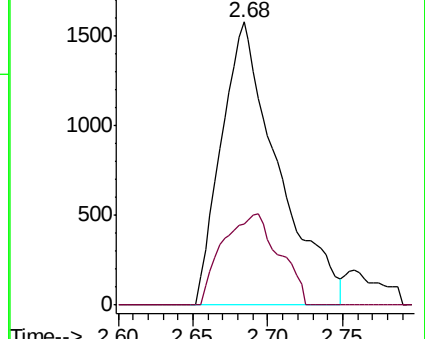
43 100

58 32.2 0.0 74.0



Abundance Ion 43.05 (42.75 to 43.75): VU036562.D (-401) (-)

Ion 58.05 (57.75 to 58.75): VU036562.D (-401) (-)



#16

Methylene chloride

Concen: 0.382 ug/L

RT: 3.08 min Scan# 541

Delta R.T. -0.00 min

Lab File: VU036571.D

Acq: 28 Jan 2020 11:59

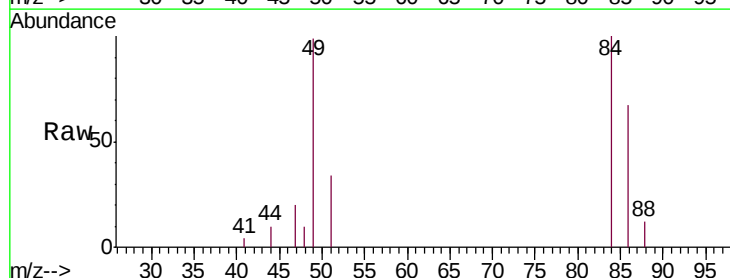
Tgt Ion: 84 Resp: 4624

Ion Ratio Lower Upper

84 100

86 67.2 44.8 83.2

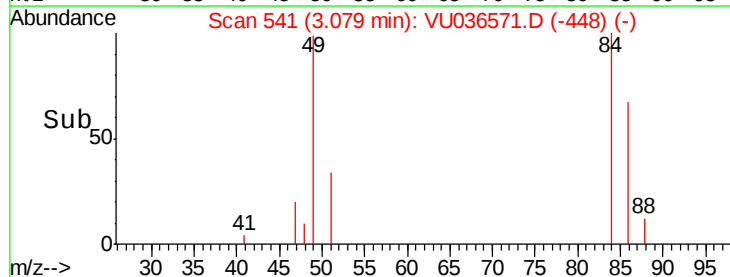
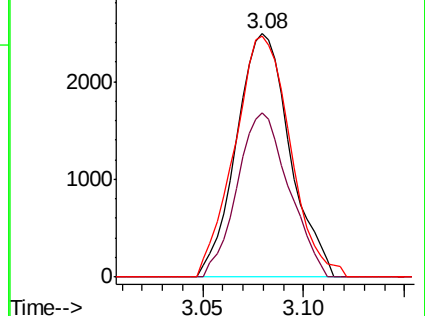
49 99.0 74.8 139.0

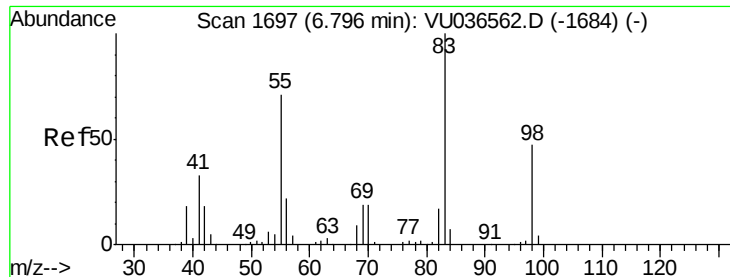


Abundance Ion 84.05 (83.75 to 84.75): VU036562.D (-527) (-)

Ion 86.00 (85.70 to 86.70): VU036562.D (-527) (-)

Ion 49.10 (48.80 to 49.80): VU036562.D (-527) (-)

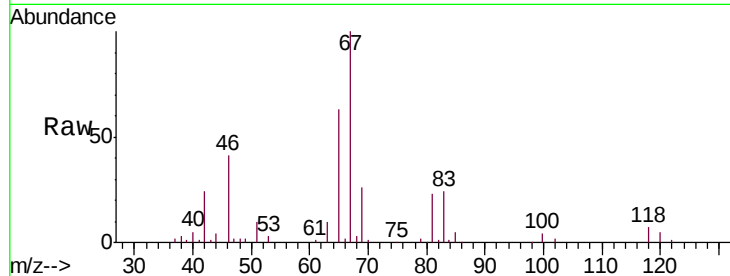




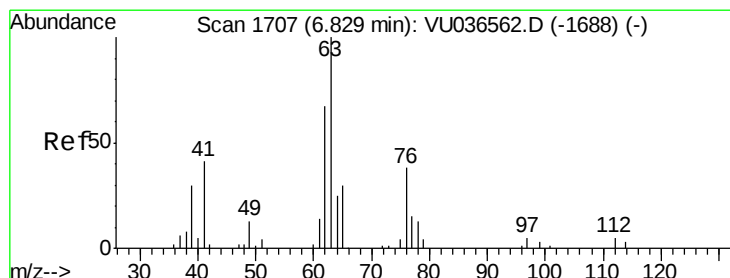
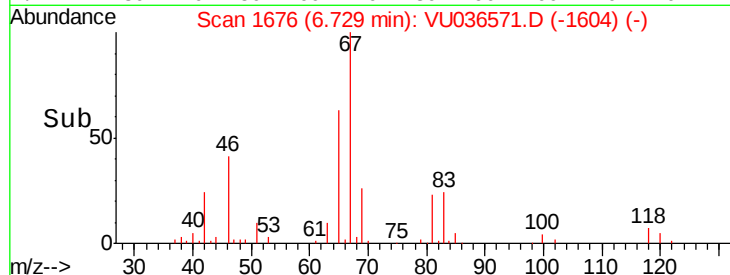
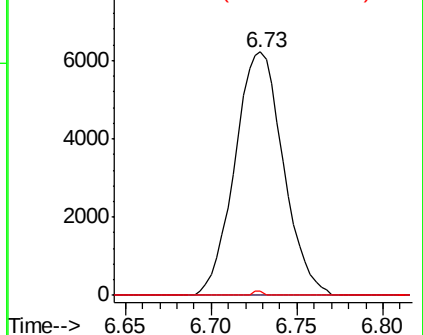
#35
Methylcyclohexane
Concen: 0.673 ug/L
RT: 6.73 min Scan# 1676
Delta R.T. -0.07 min
Lab File: VU036571.D
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Instrument :
MSVOA_U
ClientSampleId :
VBLK607

Tgt Ion: 83 Resp: 12167
Ion Ratio Lower Upper
83 100
55 0.0 56.9 85.3#
98 0.3 36.9 55.3#

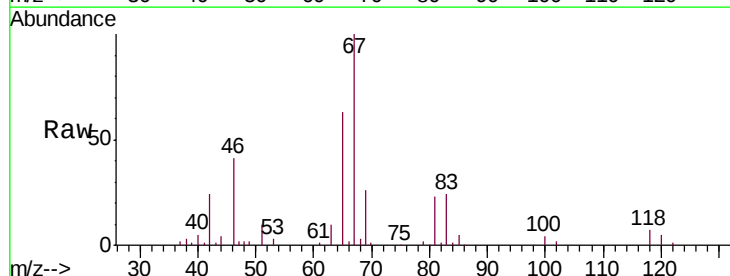


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

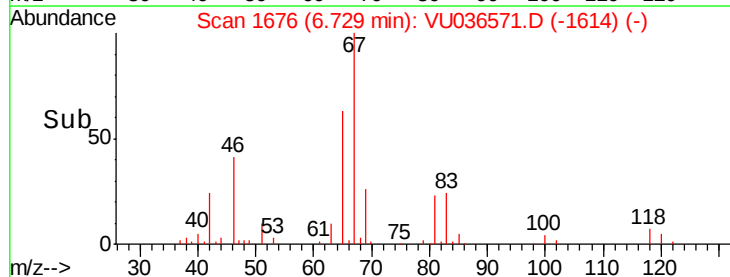
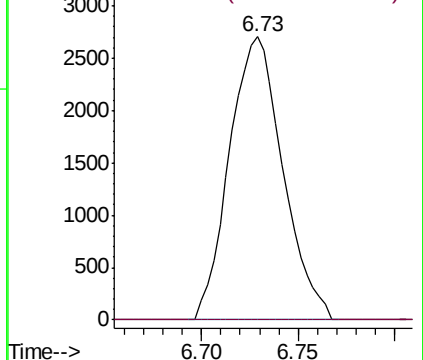


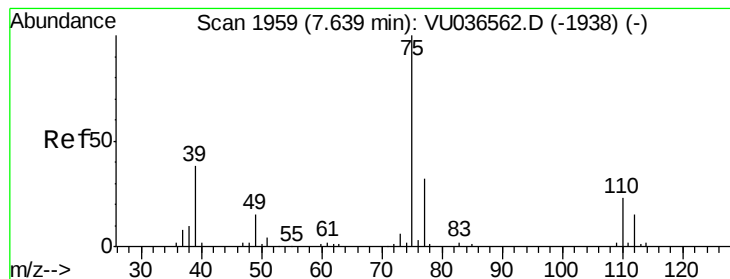
#37
1,2-Dichloropropane
Concen: 0.525 ug/L
RT: 6.73 min Scan# 1676
Delta R.T. -0.10 min
Lab File: VU036571.D
Acq: 28 Jan 2020 11:59

Tgt Ion: 63 Resp: 5198
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



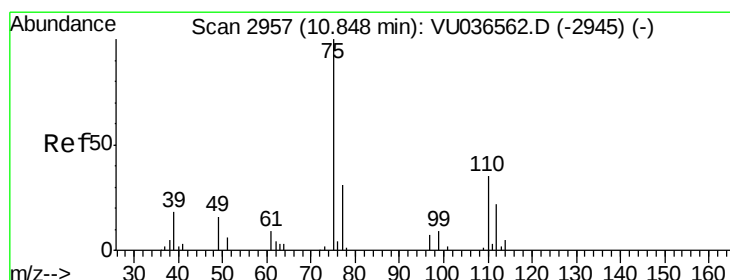
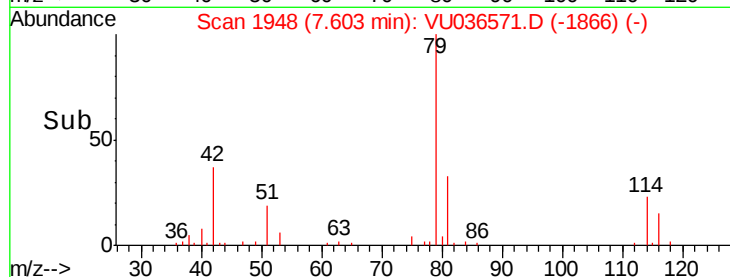
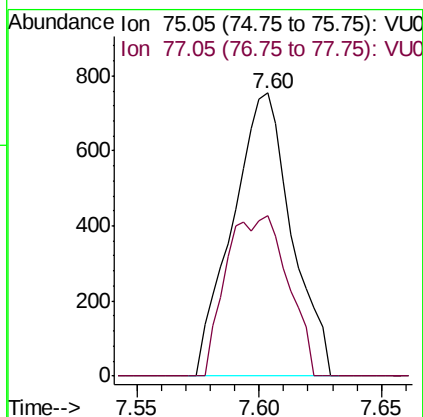
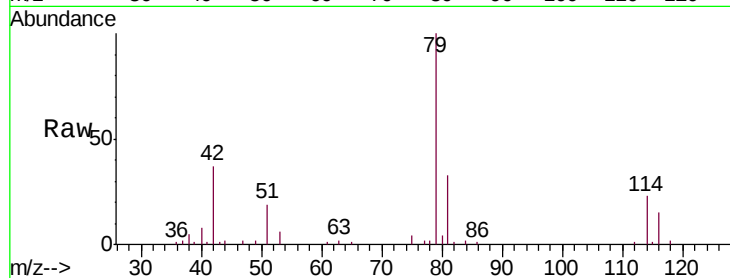


#39

cis-1,3-Dichloropropene
Concen: 0.083 ug/L
RT: 7.60 min Scan# 1948
Delta R.T. -0.04 min
Lab File: VU036571.D
Acq: 28 Jan 2020 11:59

Instrument :
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ClientSampleId :
VBLK607

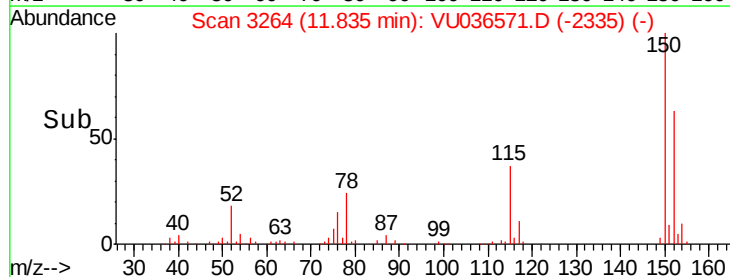
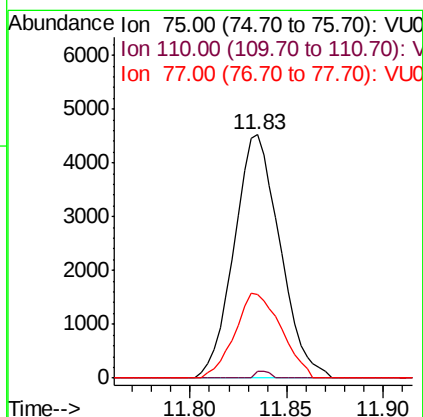
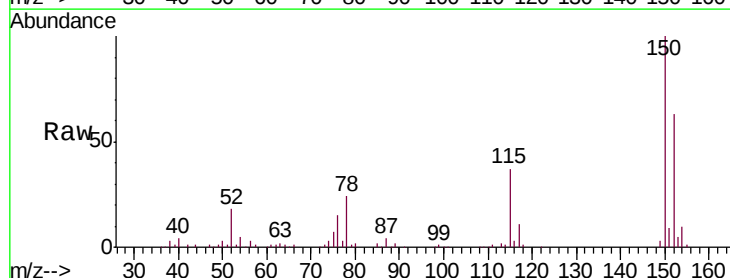
Tgt Ion: 75 Resp: 1262
Ion Ratio Lower Upper
75 100
77 56.5 22.3 41.5#

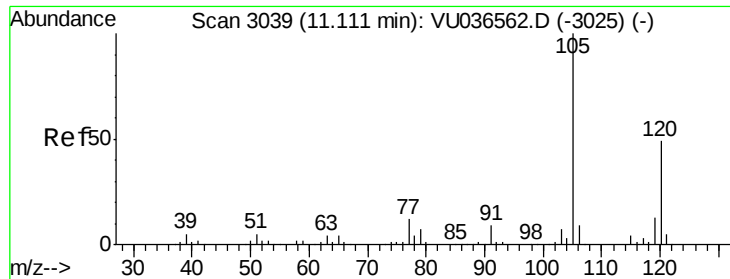


#61

1,2,3-Trichloropropane
Concen: 1.228 ug/L
RT: 11.83 min Scan# 3264
Delta R.T. 0.99 min
Lab File: VU036571.D
Acq: 28 Jan 2020 11:59

Tgt Ion: 75 Resp: 7459
Ion Ratio Lower Upper
75 100
110 0.9 29.0 43.4#
77 35.2 25.8 38.6

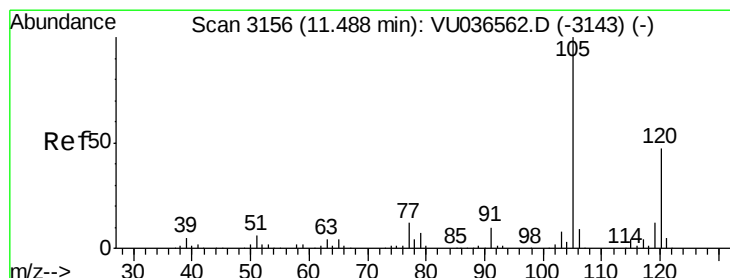
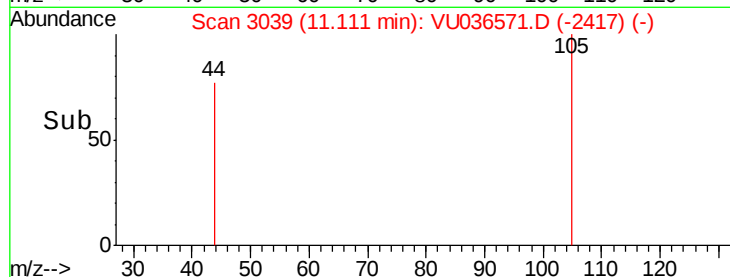
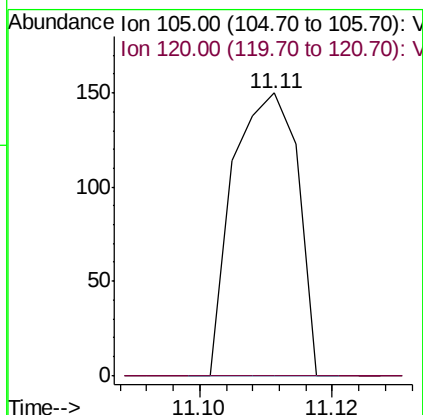
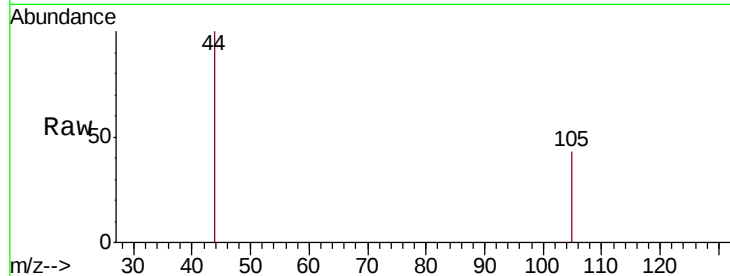




#62
 1,3,5-Trimethylbenzene
 Concen: 0.003 ug/L
 RT: 11.11 min Scan# 3039
 Delta R.T. -0.00 min
 Lab File: VU036571.D
 Acq: 28 Jan 2020 11:59

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK607

Tgt Ion:105 Resp: 101
 Ion Ratio Lower Upper
 105 100
 120 0.0 39.7 59.5#



#63
 1,2,4-Trimethylbenzene
 Concen: 0.005 ug/L
 RT: 11.49 min Scan# 3156
 Delta R.T. -0.00 min
 Lab File: VU036571.D
 Acq: 28 Jan 2020 11:59

Tgt Ion:105 Resp: 194
 Ion Ratio Lower Upper
 105 100
 120 21.1 36.9 55.3#

