

Data File : VU036601.D
Acq On : 29 Jan 2020 18:33
Operator : JC/MD
Sample : L1271-10
Misc : 5.10g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAT01

Quant Time: Jan 30 02:52:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM012920WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jan 30 02:48:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	299013	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	295544	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	164490	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	86494	38.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.24%
7) Chloroethane-d5	1.89	69	21210	11.04	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	22.08%#
11) 1,1-Dichloroethene-d2	2.57	63	113960	31.47	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.94%
21) 2-Butanone-d5	4.69	46	118157	88.88	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.88%
24) Chloroform-d	5.11	84	152566	41.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.20%
26) 1,2-Dichloroethane-d4	5.74	65	100604	44.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.02%
32) Benzene-d6	5.76	84	357798	43.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.08%
36) 1,2-Dichloropropane-d6	6.73	67	115104	44.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.86%
41) Toluene-d8	7.93	98	349007	43.64	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.28%
43) trans-1,3-Dichloropropene-	8.21	79	55745	45.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.48%
47) 2-Hexanone-d5	8.68	63	145059	120.75	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	120.75%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	190263	49.95	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.90%
64) 1,2-Dichlorobenzene-d4	12.21	152	151245	42.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.70%

Target Compounds

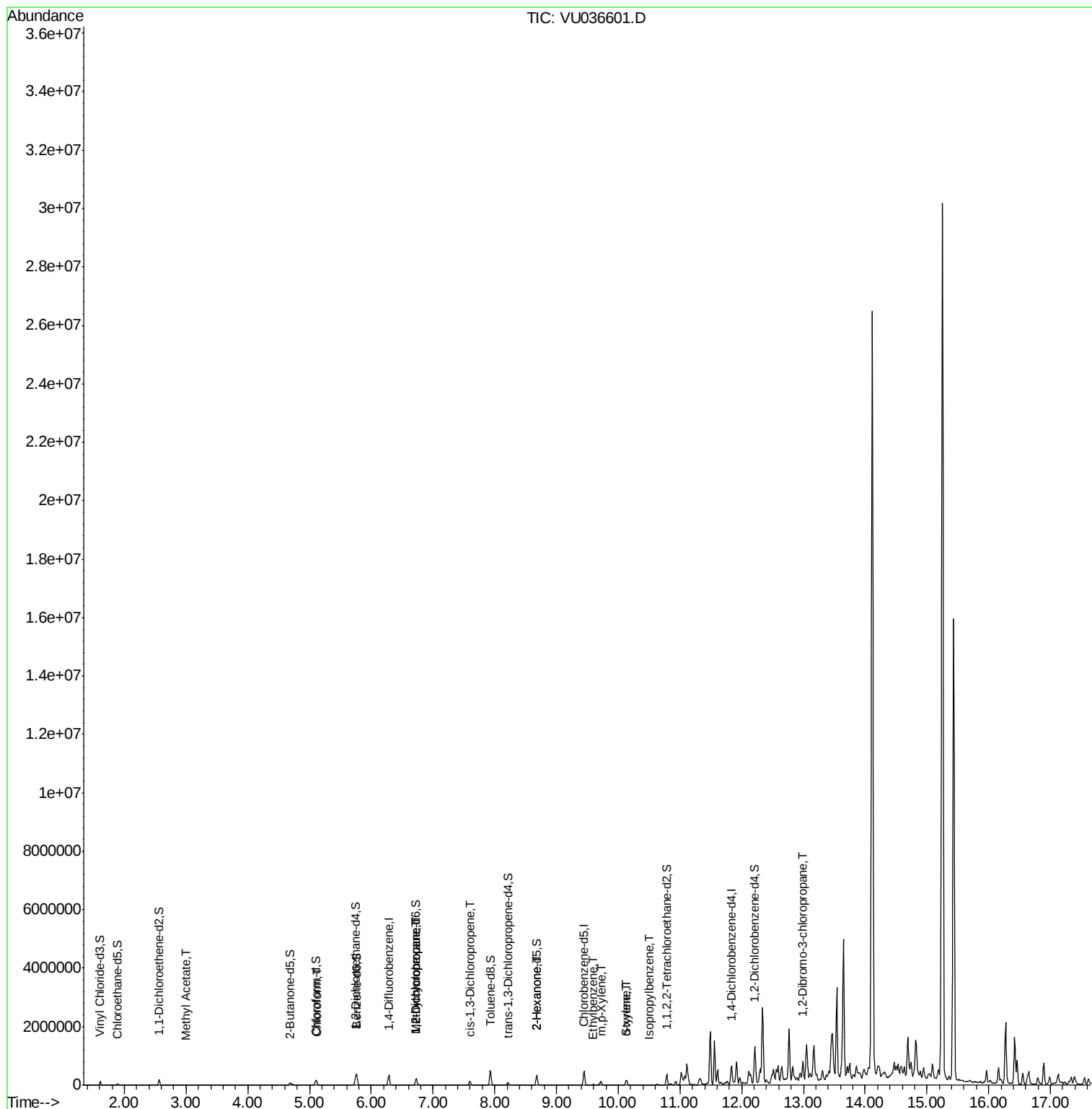
					Qvalue
15) Methyl Acetate	2.99	43	1742	0.866	ug/L 95
25) Chloroform	5.13	83	4414	1.209	ug/L 85
35) Methylcyclohexane	6.73	83	26072	6.873	ug/L # 22
37) 1,2-Dichloropropane	6.73	63	11338	5.049	ug/L # 87
39) cis-1,3-Dichloropropene	7.60	75	3063	0.847	ug/L # 72
48) 2-Hexanone	8.68	43	13609	6.275	ug/L # 65
52) Ethylbenzene	9.60	91	17041	1.620	ug/L 98
53) m,p-Xylene	9.72	106	40457	9.859	ug/L 98
54) o-xylene	10.13	106	38536	9.415	ug/L 99
55) Styrene	10.14	104	40134	6.042	ug/L 94
56) Isopropylbenzene	10.51	105	9537	0.916	ug/L 99
66) 1,2-Dibromo-3-chloropropan	12.99	75	2375	2.629	ug/L # 7

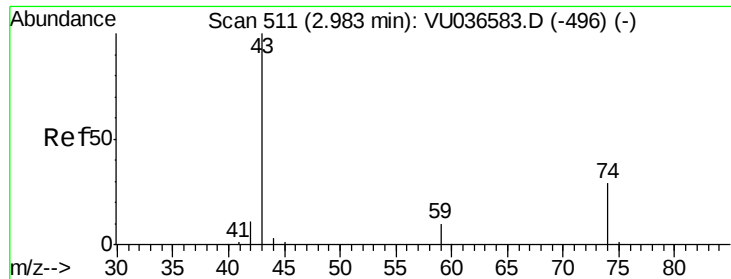
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#15

Methyl Acetate

Concen: 0.866 ug/L

RT: 2.99 min Scan# 513

Delta R.T. 0.01 min

Lab File: VU036601.D

Acq: 29 Jan 2020 18:33

Instrument :

MSVOA_U

ClientSampled :

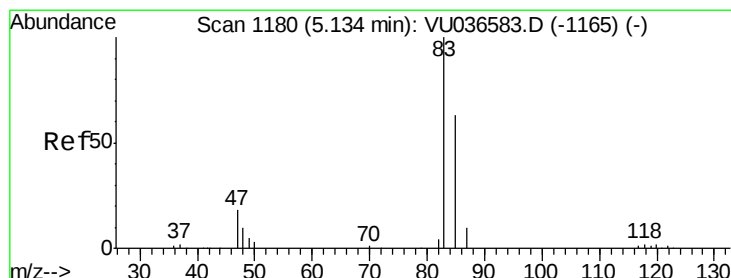
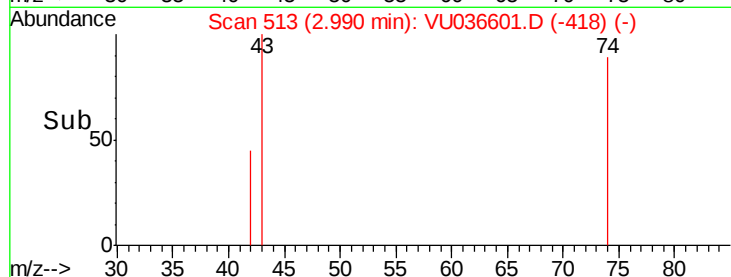
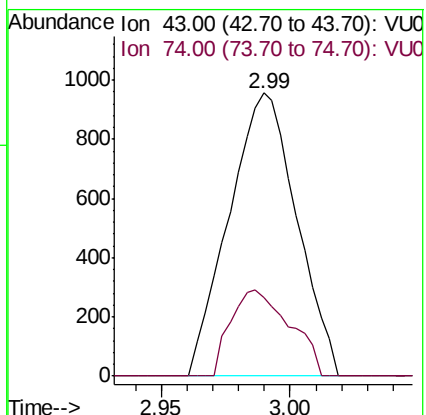
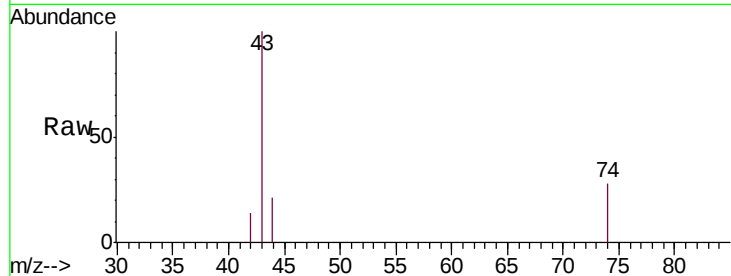
GAT01

Tgt Ion: 43 Resp: 1742

Ion Ratio Lower Upper

43 100

74 26.6 23.3 34.9



#25

Chloroform

Concen: 1.209 ug/L

RT: 5.13 min Scan# 1178

Delta R.T. -0.01 min

Lab File: VU036601.D

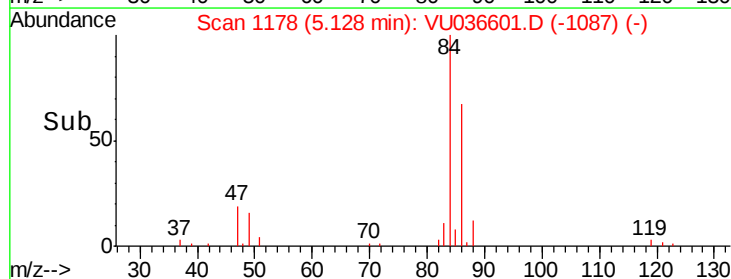
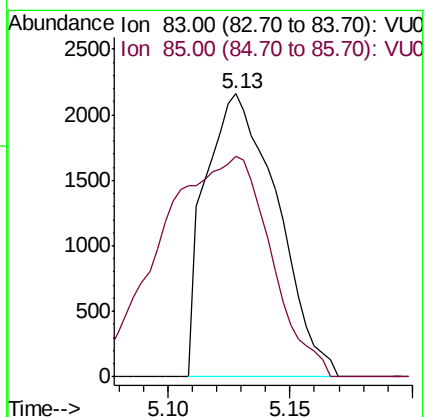
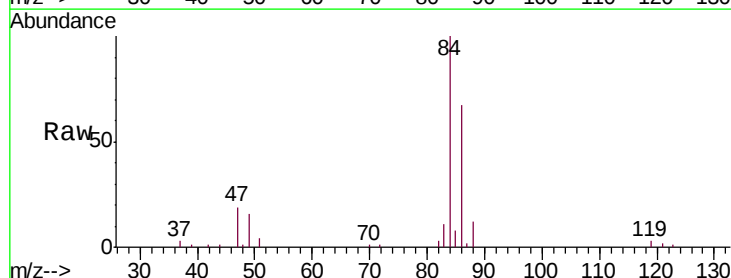
Acq: 29 Jan 2020 18:33

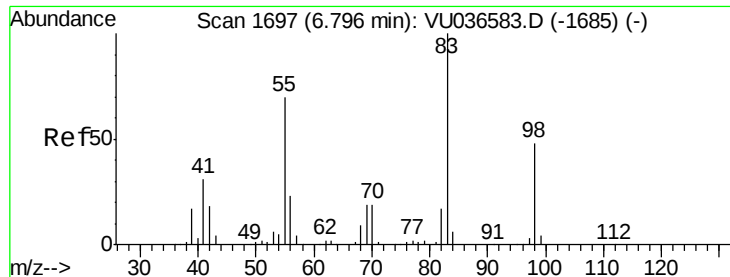
Tgt Ion: 83 Resp: 4414

Ion Ratio Lower Upper

83 100

85 78.0 46.3 85.9

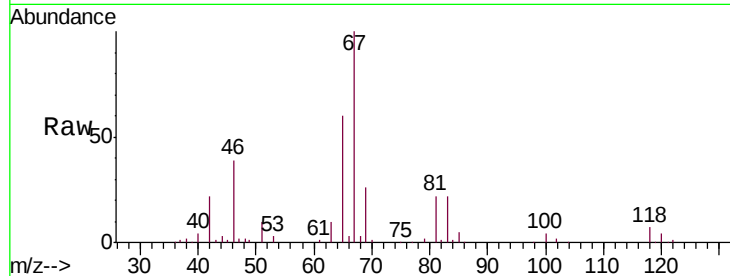




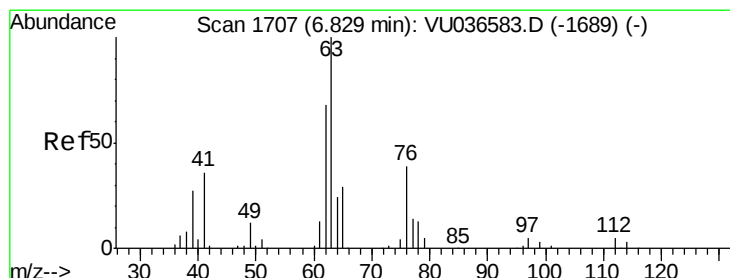
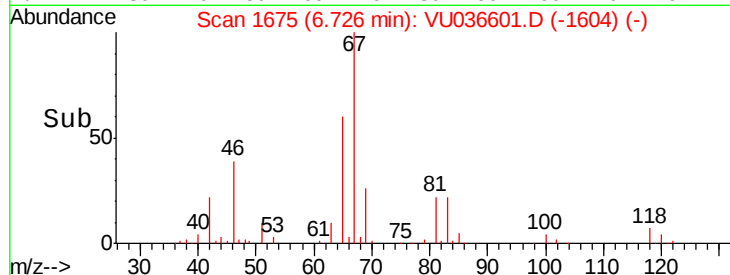
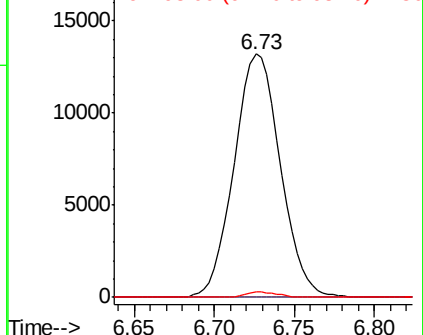
#35
Methylcyclohexane
Concen: 6.873 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.07 min
Lab File: VU036601.D
Acq: 29 Jan 2020 18:33

Instrument :
MSVOA_U
ClientSampled :
GAT01

Tgt Ion: 83 Resp: 26072
Ion Ratio Lower Upper
83 100
55 0.0 56.1 84.1#
98 1.5 37.5 56.3#

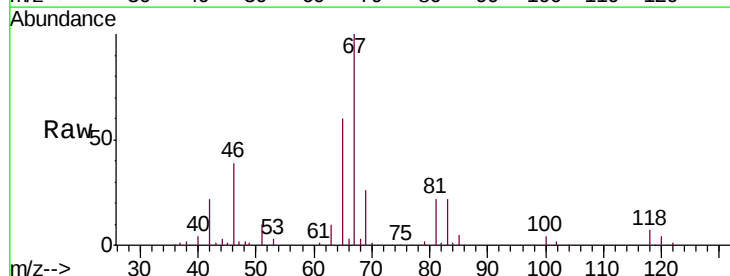


Abundance Ion 83.00 (82.70 to 83.70): VU0
Ion 55.00 (54.70 to 55.70): VU0
Ion 98.00 (97.70 to 98.70): VU0

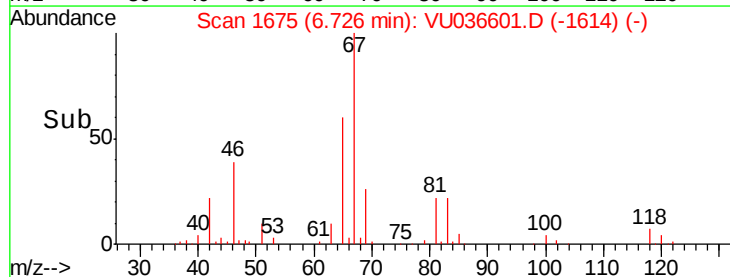
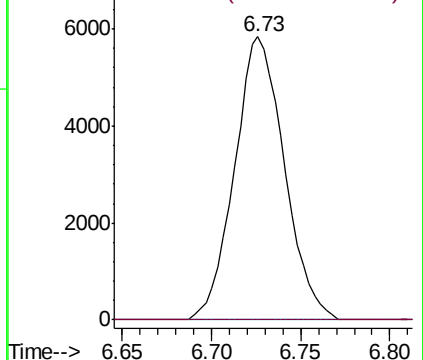


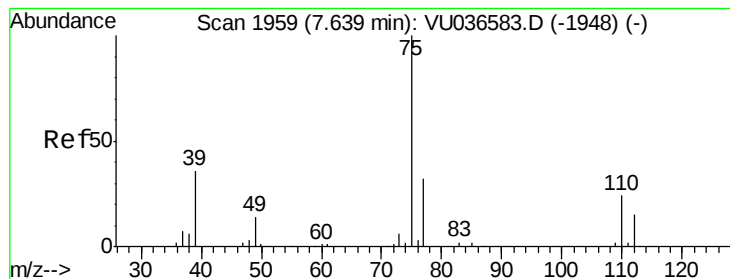
#37
1,2-Dichloropropane
Concen: 5.049 ug/L
RT: 6.73 min Scan# 1675
Delta R.T. -0.10 min
Lab File: VU036601.D
Acq: 29 Jan 2020 18:33

Tgt Ion: 63 Resp: 11338
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VU0
Ion 112.00 (111.70 to 112.70): V



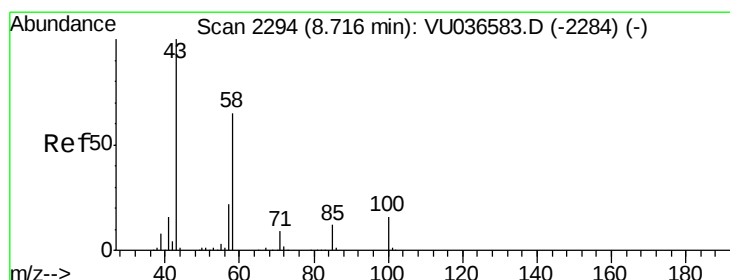
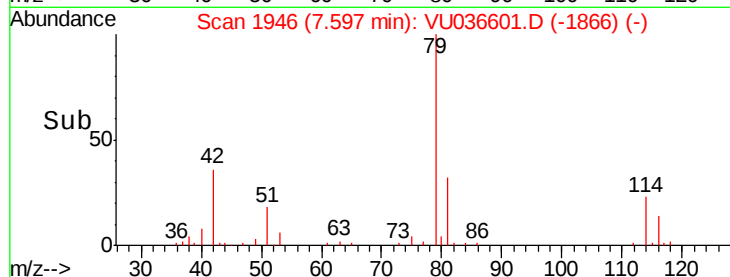
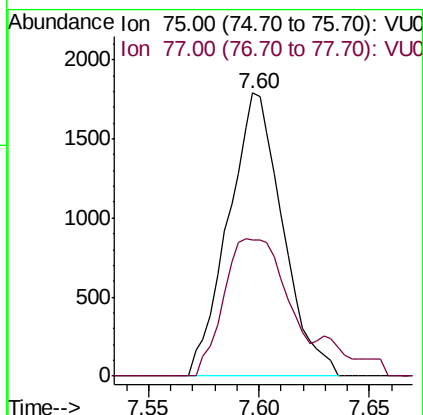
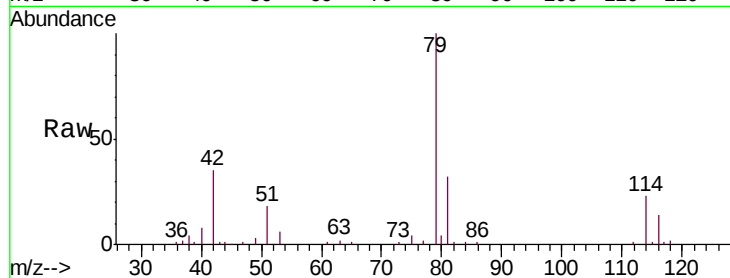


#39

cis-1,3-Dichloropropene
Concen: 0.847 ug/L
RT: 7.60 min Scan# 1946
Delta R.T. -0.04 min
Lab File: VU036601.D
Acq: 29 Jan 2020 18:33

Instrument :
MSVOA_U
ClientSampleId :
GAT01

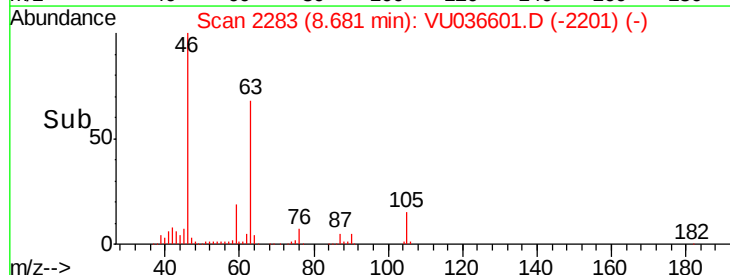
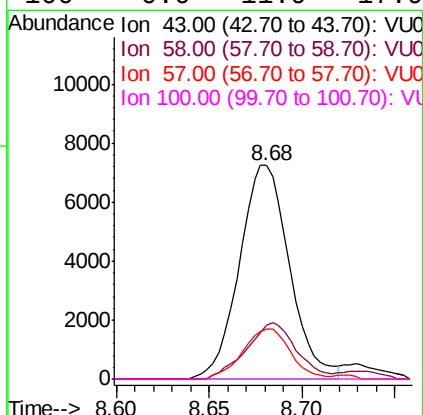
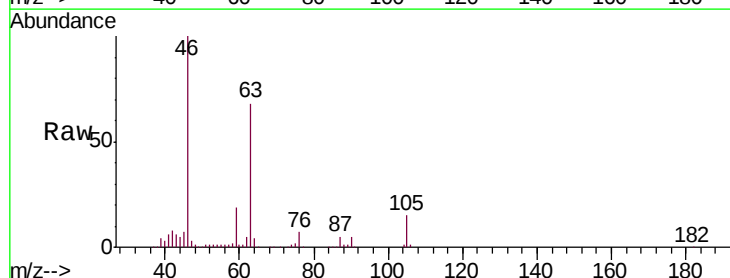
Tgt Ion: 75 Resp: 3063
Ion Ratio Lower Upper
75 100
77 48.1 22.5 41.9#

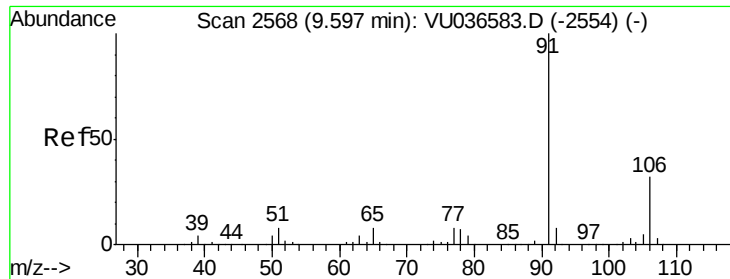


#48

2-Hexanone
Concen: 6.275 ug/L
RT: 8.68 min Scan# 2283
Delta R.T. -0.04 min
Lab File: VU036601.D
Acq: 29 Jan 2020 18:33

Tgt Ion: 43 Resp: 13609
Ion Ratio Lower Upper
43 100
58 26.2 49.4 74.0#
57 22.4 17.1 25.7
100 0.0 11.9 17.9#





#52

Ethylbenzene

Concen: 1.620 ug/L

RT: 9.60 min Scan# 2568

Delta R.T. 0.00 min

Lab File: VU036601.D

Acq: 29 Jan 2020 18:33

Instrument :

MSVOA_U

ClientSampleId :

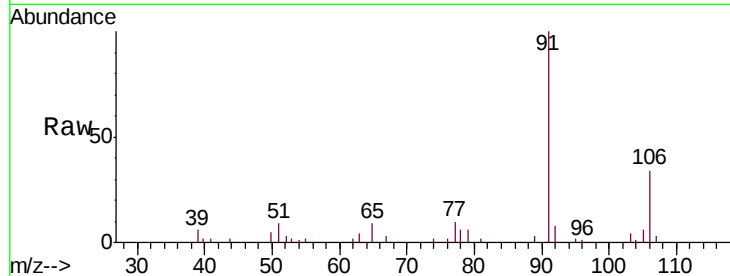
GAT01

Tgt Ion: 91 Resp: 17041

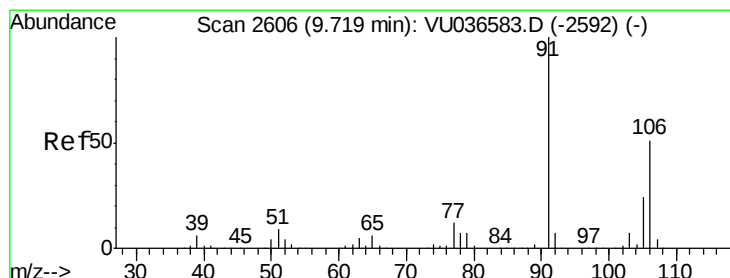
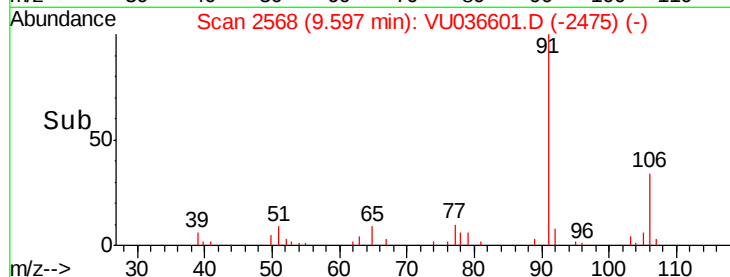
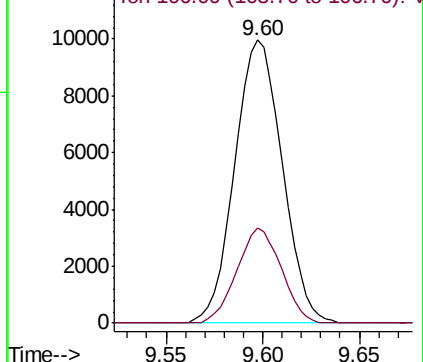
Ion Ratio Lower Upper

91 100

106 33.6 22.6 42.0



Abundance Ion 91.00 (90.70 to 91.70): VU036601.D (-2475) (-)



#53

m,p-Xylene

Concen: 9.859 ug/L

RT: 9.72 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VU036601.D

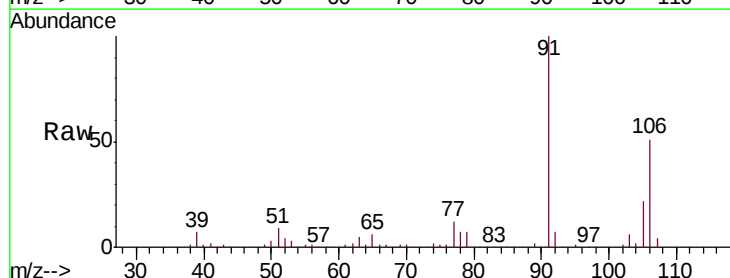
Acq: 29 Jan 2020 18:33

Tgt Ion: 106 Resp: 40457

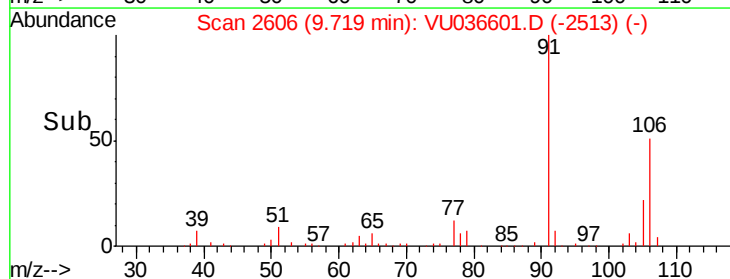
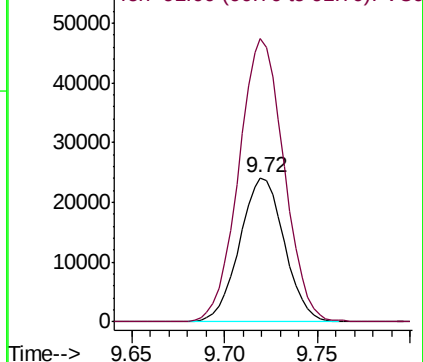
Ion Ratio Lower Upper

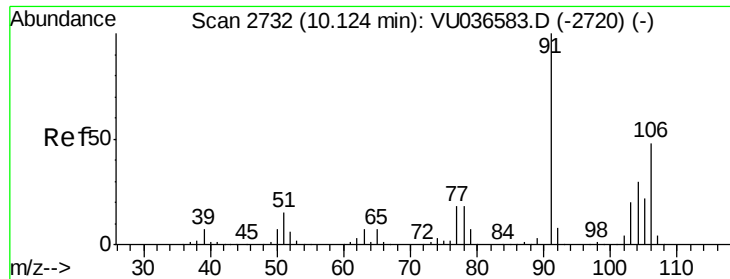
106 100

91 196.2 139.4 259.0



Abundance Ion 106.00 (105.70 to 106.70): VU036601.D (-2513) (-)





#54

o-xylene

Concen: 9.415 ug/L

RT: 10.13 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VU036601.D

Acq: 29 Jan 2020 18:33

Instrument :

MSVOA_U

ClientSampleId :

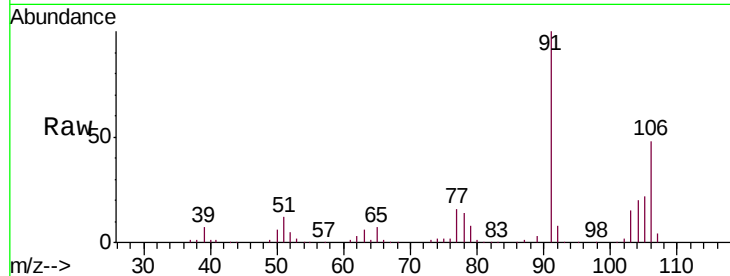
GAT01

Tgt Ion:106 Resp: 38536

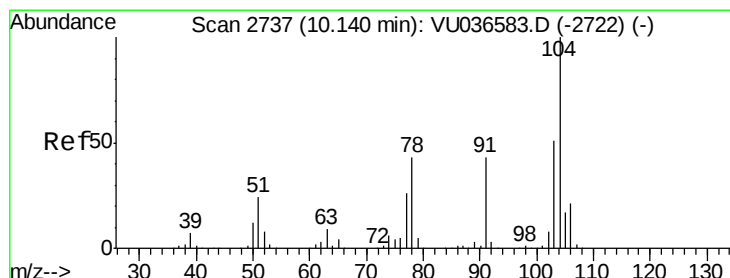
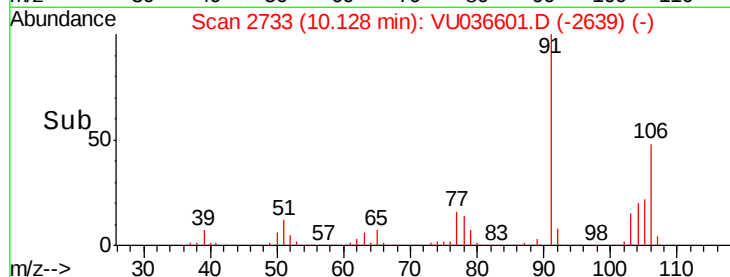
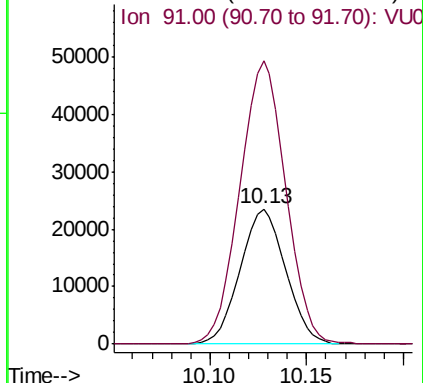
Ion Ratio Lower Upper

106 100

91 209.8 145.9 271.1



Abundance Ion 106.00 (105.70 to 106.70): V



#55

Styrene

Concen: 6.042 ug/L

RT: 10.14 min Scan# 2738

Delta R.T. 0.00 min

Lab File: VU036601.D

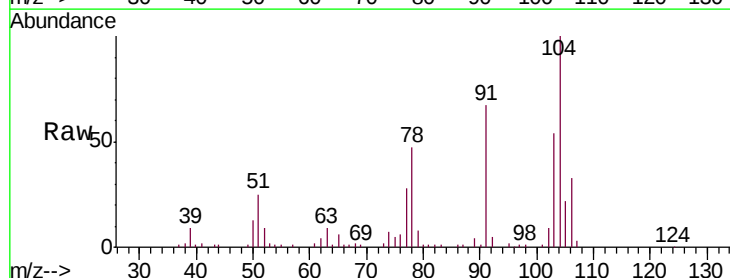
Acq: 29 Jan 2020 18:33

Tgt Ion:104 Resp: 40134

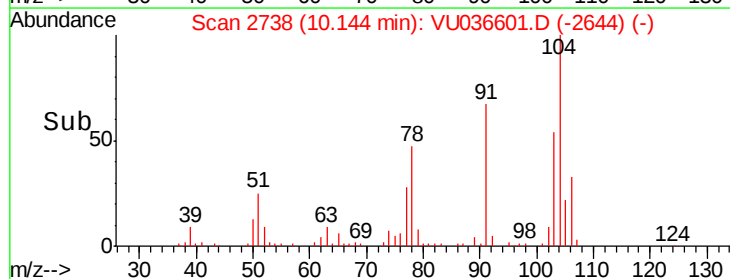
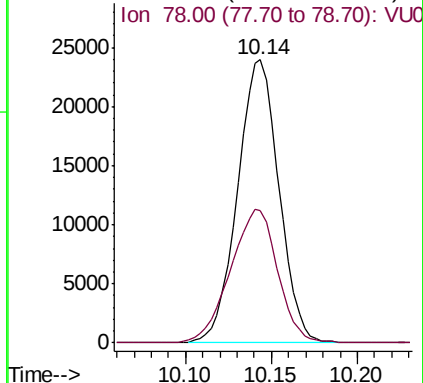
Ion Ratio Lower Upper

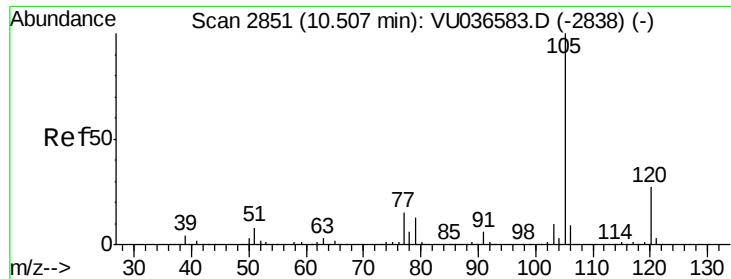
104 100

78 46.6 30.1 55.9



Abundance Ion 104.00 (103.70 to 104.70): V





#56

Isopropylbenzene

Concen: 0.916 ug/L

RT: 10.51 min Scan# 2852

Delta R.T. 0.00 min

Lab File: VU036601.D

Acq: 29 Jan 2020 18:33

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GAT01

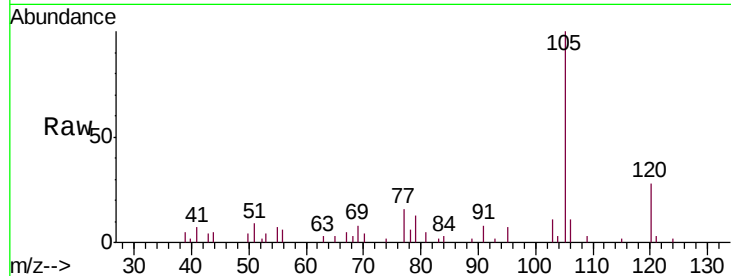
Tgt Ion: 105 Resp: 9537

Ion Ratio Lower Upper

105 100

120 26.8 21.6 32.4

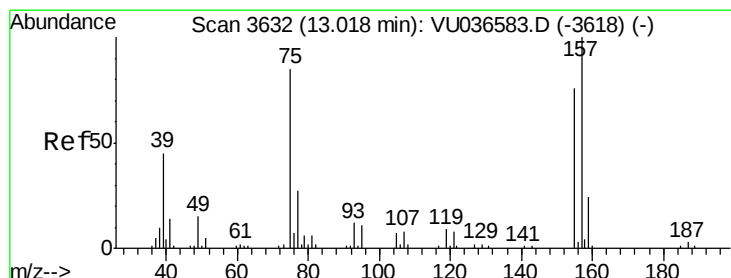
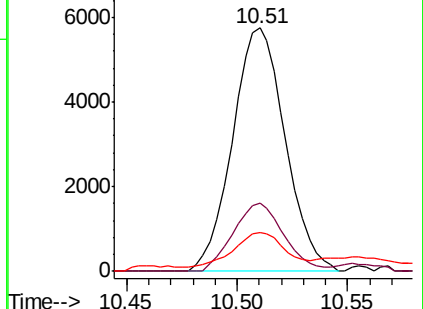
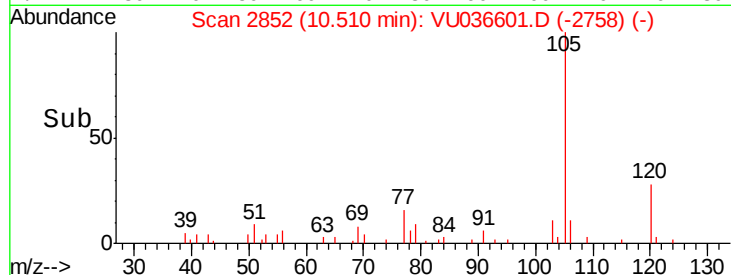
77 13.8 11.8 17.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#66

1,2-Dibromo-3-chloropropane

Concen: 2.629 ug/L

RT: 12.99 min Scan# 3624

Delta R.T. -0.03 min

Lab File: VU036601.D

Acq: 29 Jan 2020 18:33

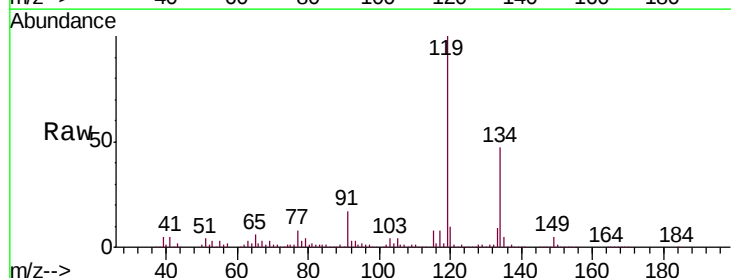
Tgt Ion: 75 Resp: 2375

Ion Ratio Lower Upper

75 100

155 22.7 73.4 110.2#

157 0.0 96.8 145.2#



Abundance Ion 75.00 (74.70 to 75.70): V

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

