

Data File : VU036664.D
Acq On : 01 Feb 2020 01:09
Operator : JC/MD
Sample : L1323-18 20X
Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAT56

Quant Time: Feb 01 05:39:49 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM013120WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Feb 01 00:19:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	273045	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	257261	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	117495	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	117385	47.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.32%
7) Chloroethane-d5	1.92	69	99308	49.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.10%
11) 1,1-Dichloroethene-d2	2.59	63	141522	36.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.66%
21) 2-Butanone-d5	4.67	46	131135	85.57	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	85.57%
24) Chloroform-d	5.11	84	165923	44.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.98%
26) 1,2-Dichloroethane-d4	5.75	65	121816	50.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.84%
32) Benzene-d6	5.77	84	387739	49.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.56%
36) 1,2-Dichloropropane-d6	6.73	67	128657	49.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.54%
41) Toluene-d8	7.93	98	349989	48.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.40%
43) trans-1,3-Dichloropropene-	8.21	79	58912	47.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.62%
47) 2-Hexanone-d5	8.67	63	152012	106.54	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.54%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	176011	48.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.76%
64) 1,2-Dichlorobenzene-d4	12.21	152	123068	49.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.40%

Target Compounds

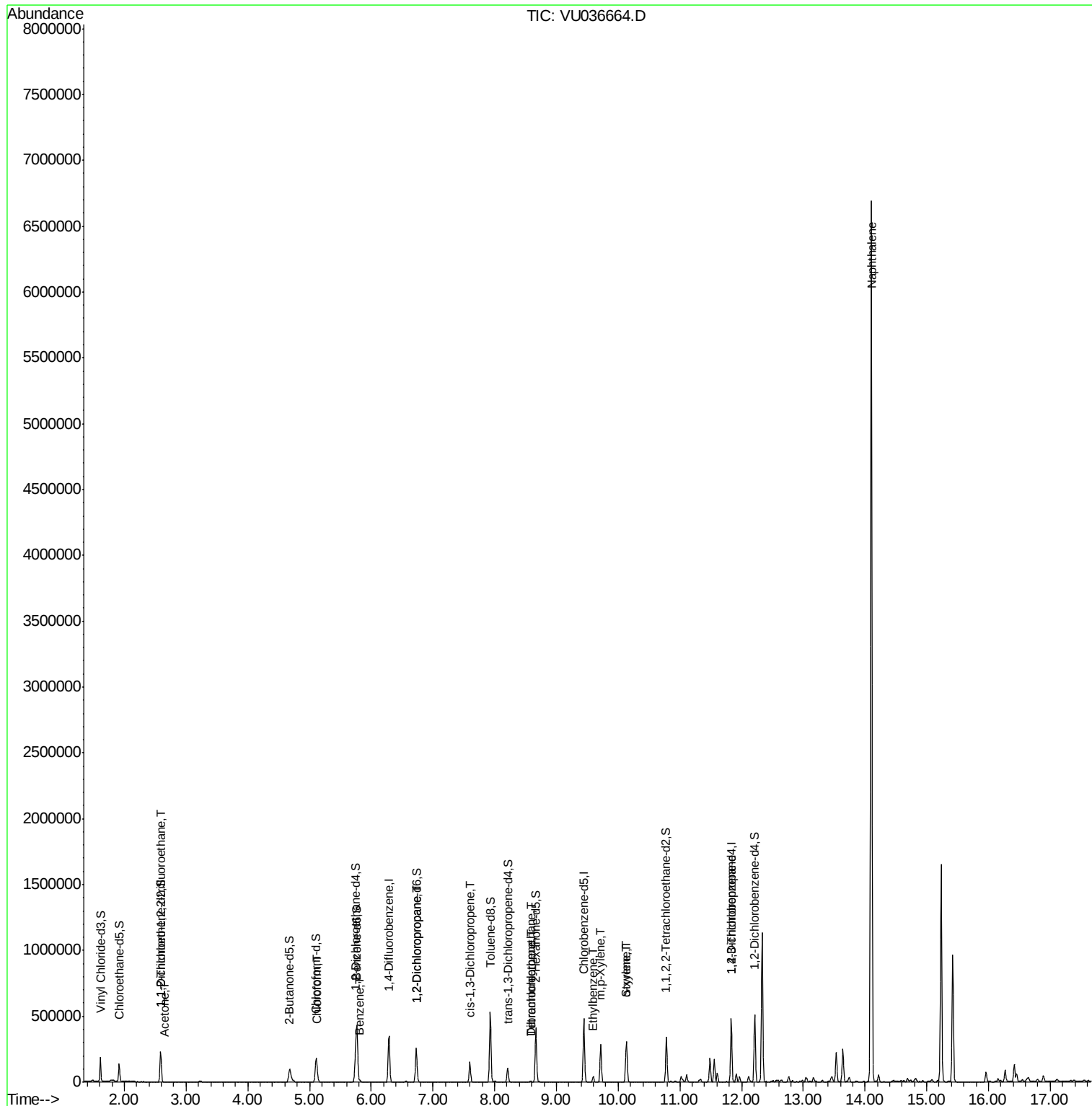
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	1396	0.819 ug/L #	22
13) Acetone	2.66	43	2337	1.793 ug/L	97
25) Chloroform	5.13	83	10735	3.037 ug/L	98
33) Benzene	5.82	78	10717	1.307 ug/L	100
37) 1,2-Dichloropropane	6.73	63	13610	6.124 ug/L #	88
39) cis-1,3-Dichloropropene	7.60	75	3693	1.050 ug/L #	70
46) Tetrachloroethene	8.58	164	2139	1.458 ug/L	97
49) Dibromochloromethane	8.58	129	2210	1.120 ug/L #	12
52) Ethylbenzene	9.60	91	31371	3.253 ug/L	99
53) m,p-Xylene	9.72	106	77946	21.914 ug/L	99
54) o-xylene	10.12	106	38327	10.697 ug/L	96
55) Styrene	10.14	104	108530	17.819 ug/L	99
59) 1,2,3-Trichloropropane	11.83	75	16472	5.584 ug/L	91
69) Naphthalene	14.10	128	5037214	603.307 ug/L	100

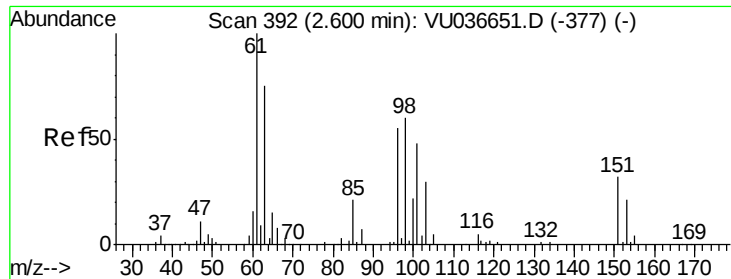
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.819 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU036664.D

Acq: 01 Feb 2020 01:09

Instrument :

MSVOA_U

ClientSampled :

GAT56

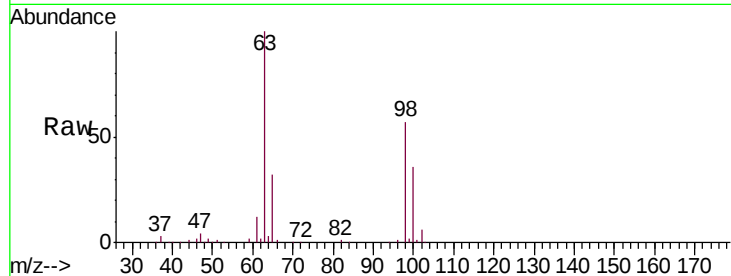
Tgt Ion: 101 Resp: 1396

Ion Ratio Lower Upper

101 100

85 0.0 35.8 53.8#

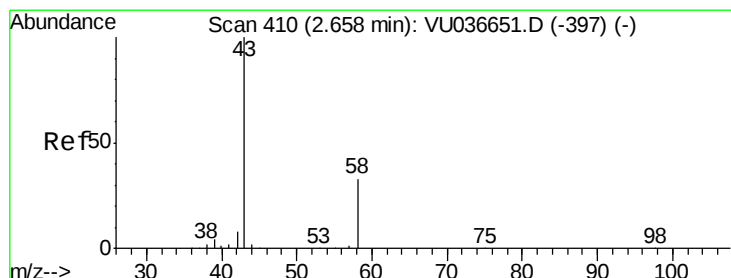
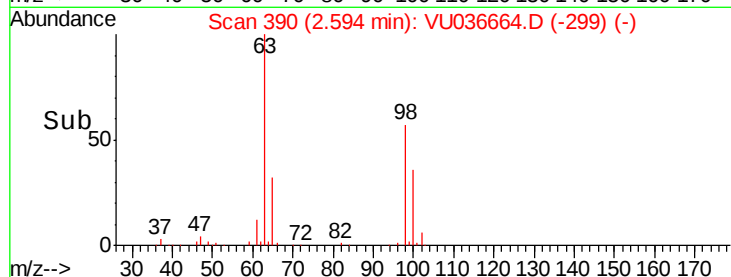
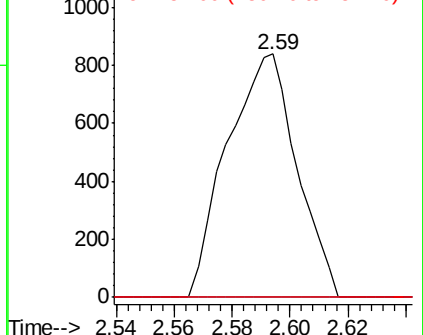
151 0.0 54.7 82.1#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 1.793 ug/L

RT: 2.66 min Scan# 410

Delta R.T. 0.00 min

Lab File: VU036664.D

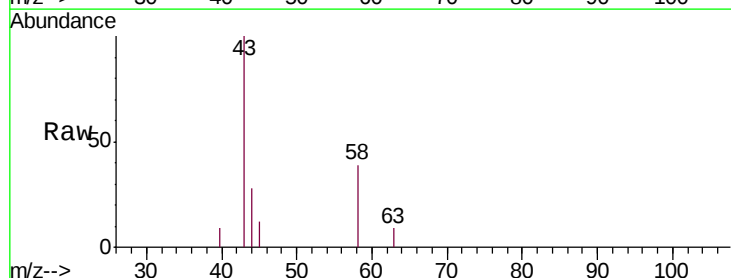
Acq: 01 Feb 2020 01:09

Tgt Ion: 43 Resp: 2337

Ion Ratio Lower Upper

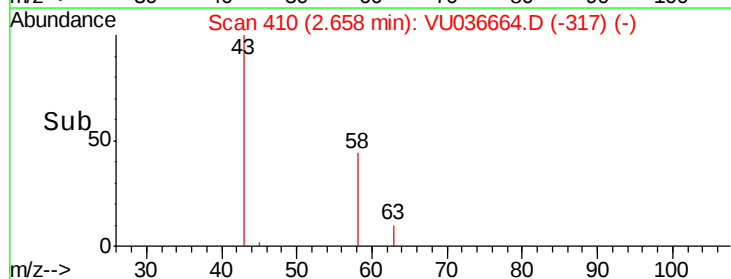
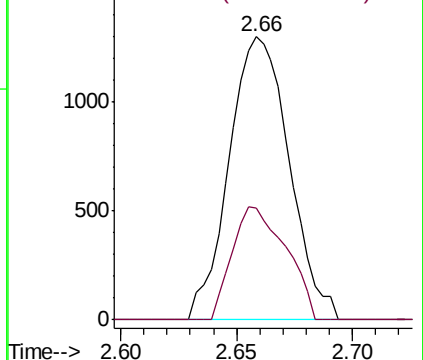
43 100

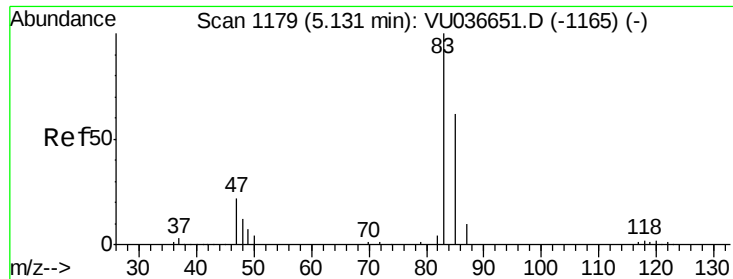
58 35.8 0.0 67.8



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

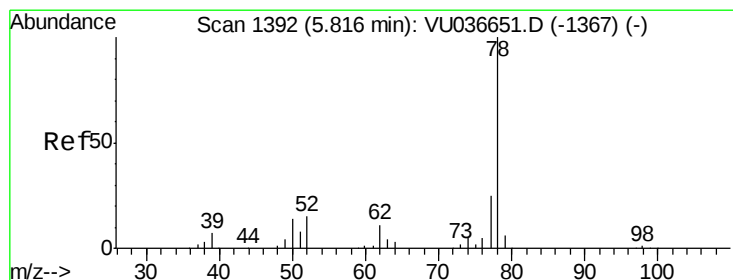
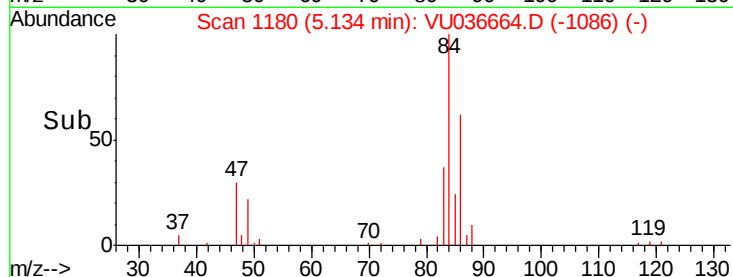
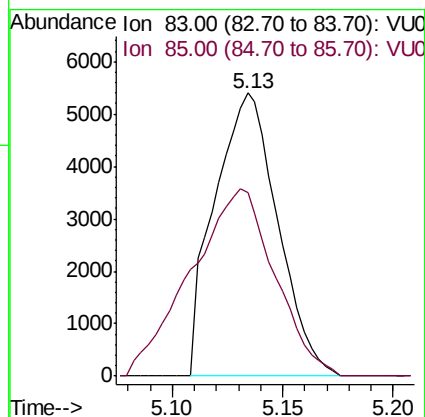
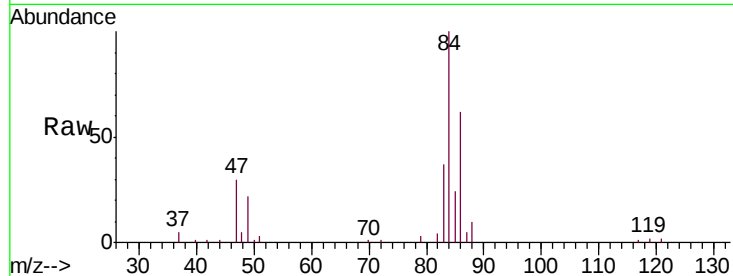




#25
Chloroform
Concen: 3.037 ug/L
RT: 5.13 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VU036664.D
Acq: 01 Feb 2020 01:09

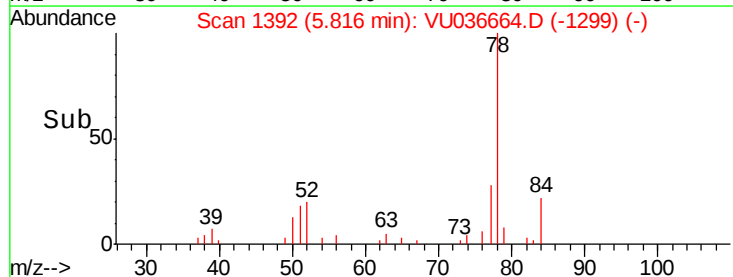
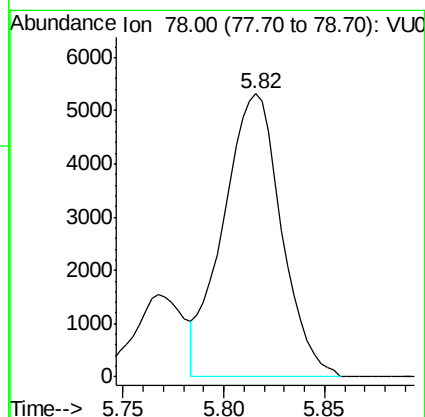
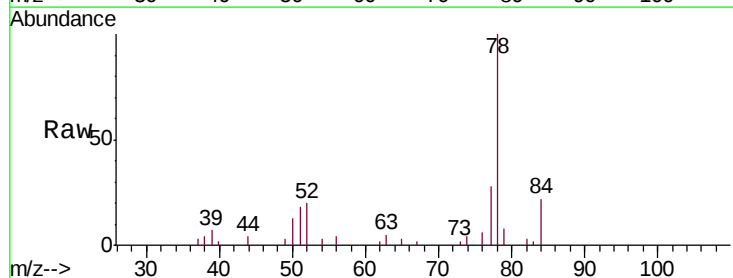
Instrument :
MSVOA_U
ClientSampleId :
GAT56

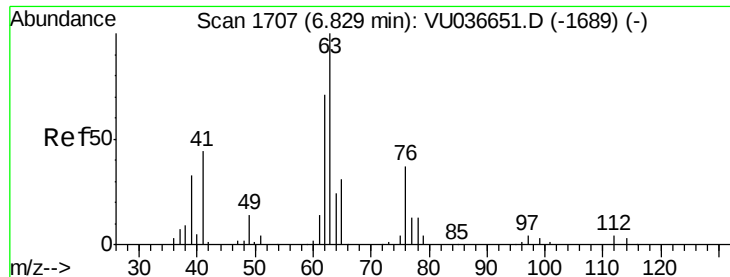
Tgt Ion: 83 Resp: 10735
Ion Ratio Lower Upper
83 100
85 64.8 44.3 82.3



#33
Benzene
Concen: 1.307 ug/L
RT: 5.82 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VU036664.D
Acq: 01 Feb 2020 01:09

Tgt Ion: 78 Resp: 10717

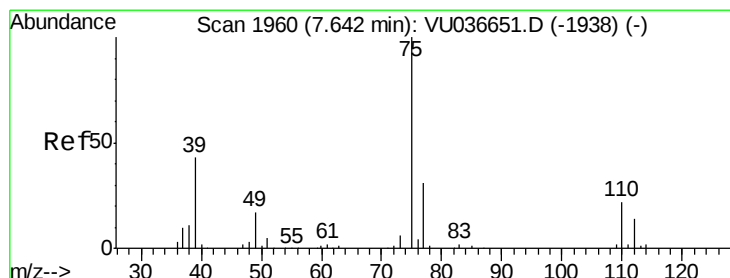
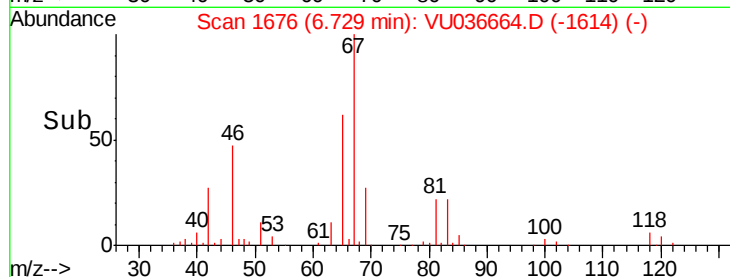
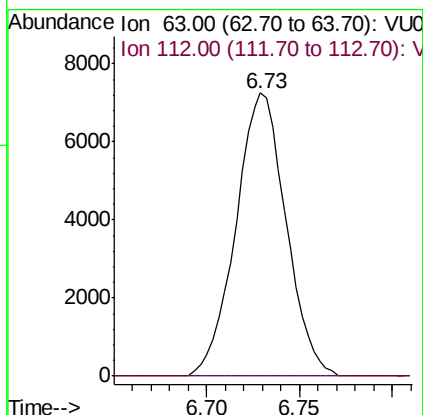
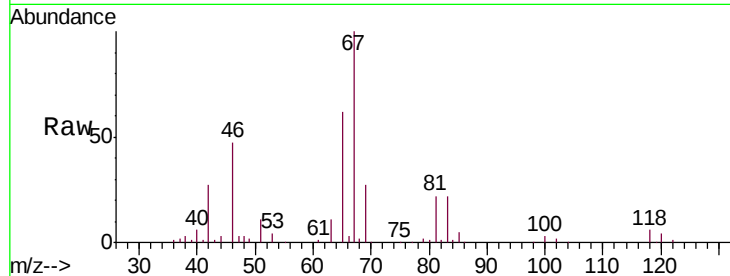




#37
 1,2-Dichloropropane
 Concen: 6.124 ug/L
 RT: 6.73 min Scan# 1676
 Delta R.T. -0.10 min
 Lab File: VU036664.D
 Acq: 01 Feb 2020 01:09

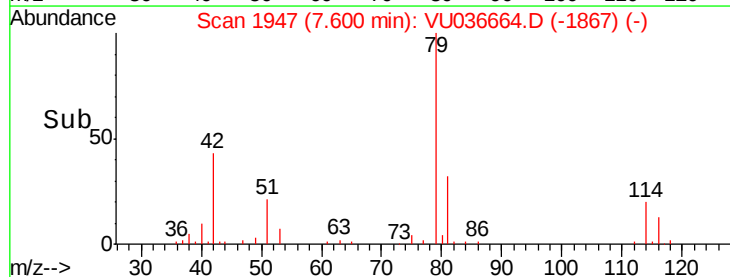
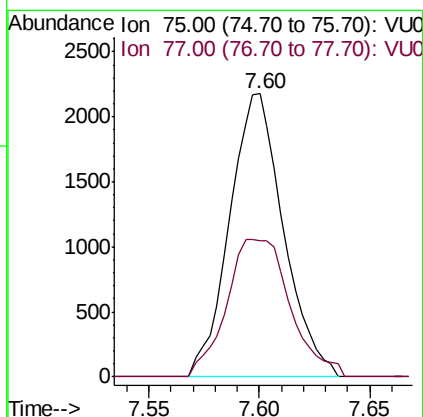
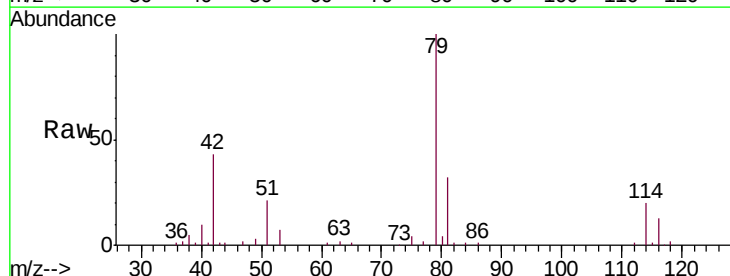
Instrument :
 MSVOA_U
 ClientSampled :
 GAT56

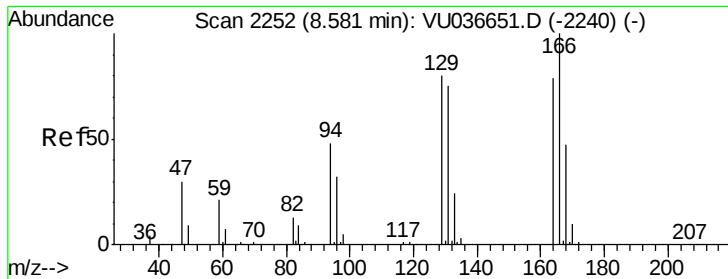
Tgt Ion: 63 Resp: 13610
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 1.050 ug/L
 RT: 7.60 min Scan# 1947
 Delta R.T. -0.04 min
 Lab File: VU036664.D
 Acq: 01 Feb 2020 01:09

Tgt Ion: 75 Resp: 3693
 Ion Ratio Lower Upper
 75 100
 77 48.0 22.0 41.0#

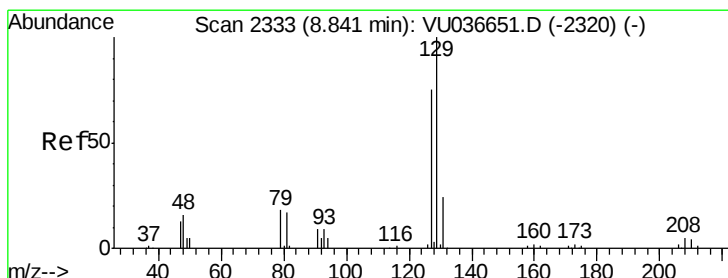
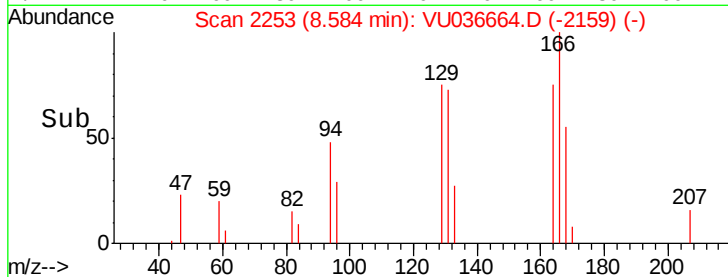
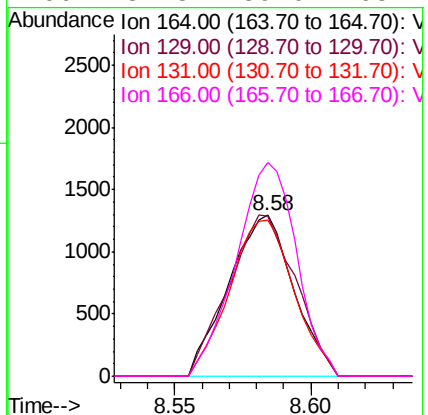
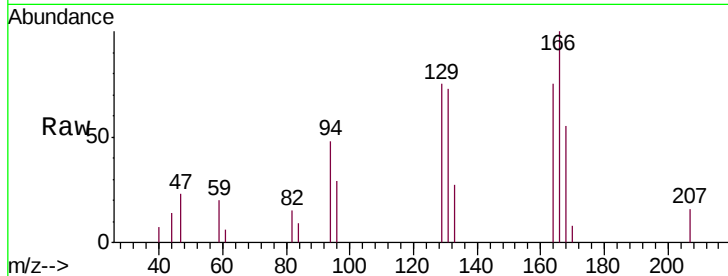




#46
Tetrachloroethene
Concen: 1.458 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. 0.00 min
Lab File: VU036664.D
Acq: 01 Feb 2020 01:09

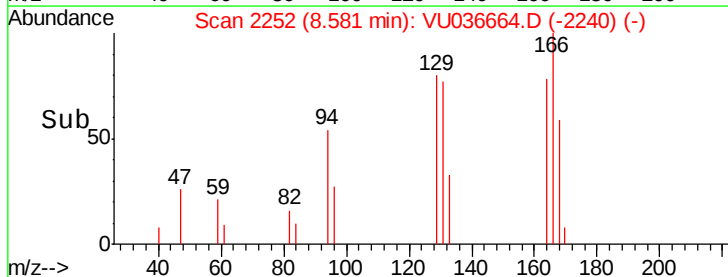
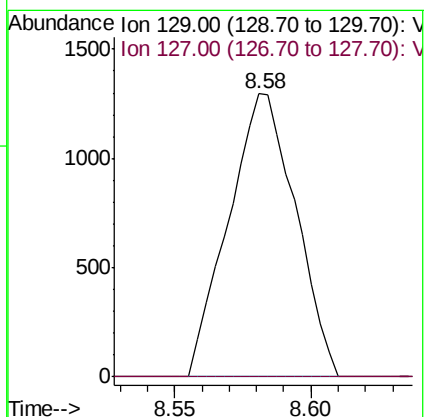
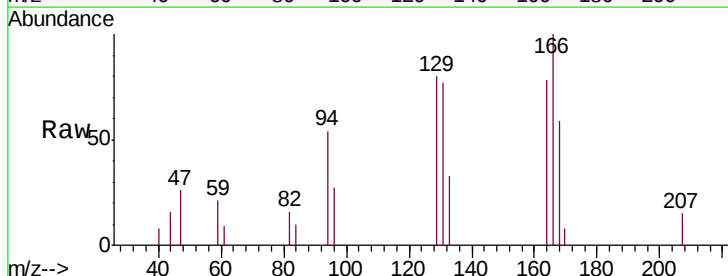
Instrument :
MSVOA_U
ClientSampleId :
GAT56

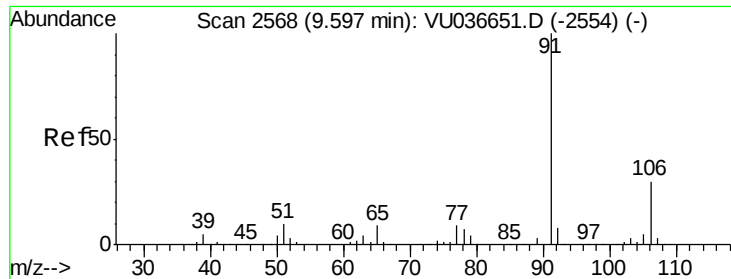
Tgt Ion:	164	Resp:	2139
Ion	Ratio	Lower	Upper
164	100		
129	99.9	71.1	132.1
131	96.9	66.9	124.3
166	132.8	89.0	165.4



#49
Dibromochloromethane
Concen: 1.120 ug/L
RT: 8.58 min Scan# 2252
Delta R.T. -0.26 min
Lab File: VU036664.D
Acq: 01 Feb 2020 01:09

Tgt Ion:	129	Resp:	2210
Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.4	97.2#





#52

Ethylbenzene

Concen: 3.253 ug/L

RT: 9.60 min Scan# 2568

Delta R.T. 0.00 min

Lab File: VU036664.D

Acq: 01 Feb 2020 01:09

Instrument :

MSVOA_U

ClientSampleId :

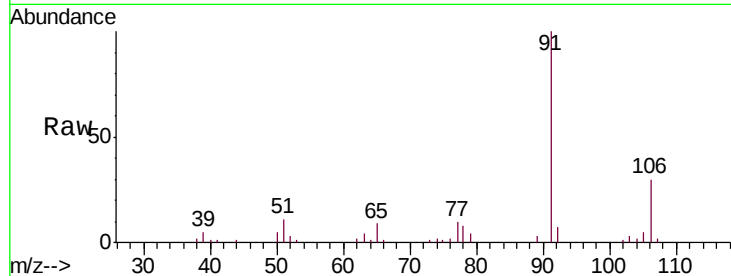
GAT56

Tgt Ion: 91 Resp: 31371

Ion Ratio Lower Upper

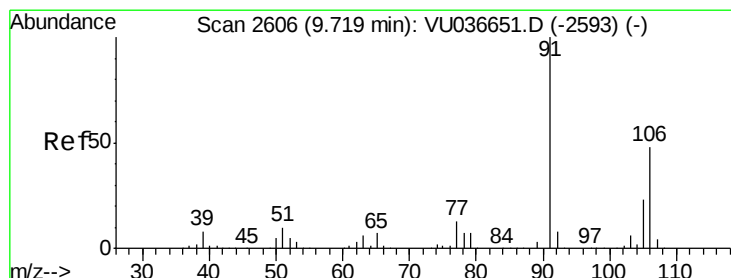
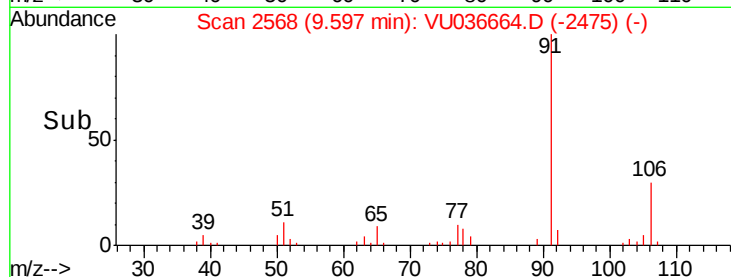
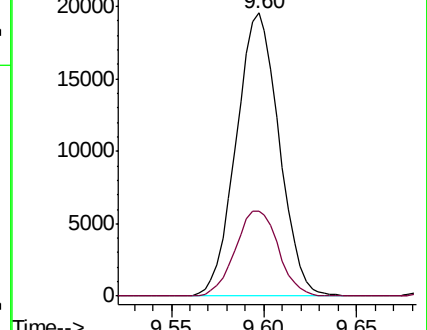
91 100

106 30.2 20.9 38.7



Abundance Ion 91.00 (90.70 to 91.70): VU036651.D (-2554) (-)

Ion 106.00 (105.70 to 106.70): VU036651.D (-2554) (-)



#53

m,p-Xylene

Concen: 21.914 ug/L

RT: 9.72 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VU036664.D

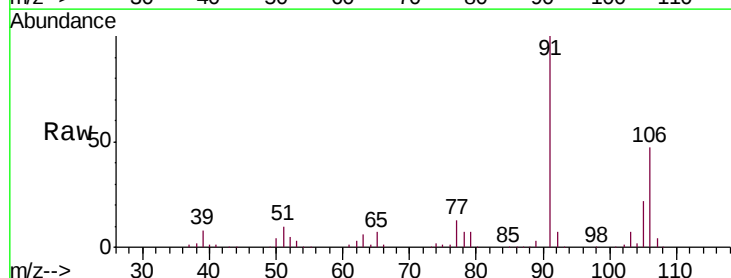
Acq: 01 Feb 2020 01:09

Tgt Ion: 106 Resp: 77946

Ion Ratio Lower Upper

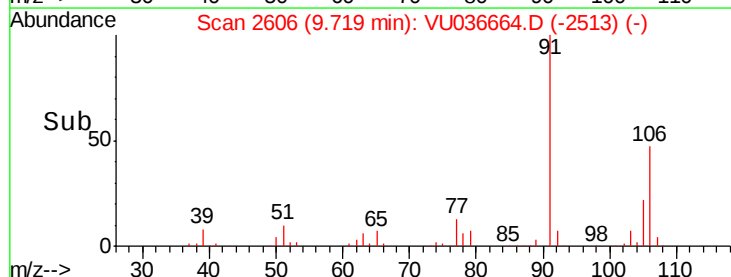
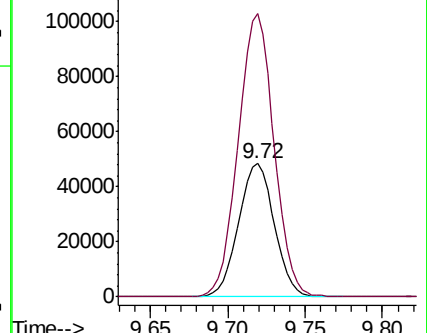
106 100

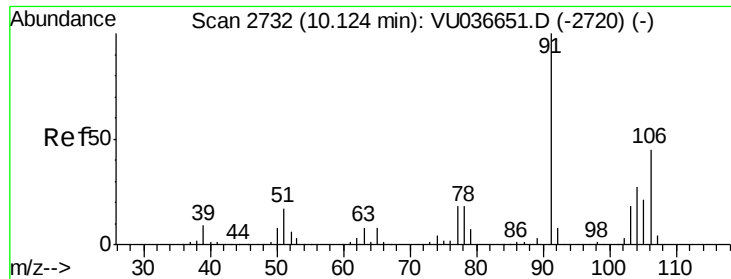
91 212.6 147.3 273.5



Abundance Ion 106.00 (105.70 to 106.70): VU036651.D (-2593) (-)

Ion 91.00 (90.70 to 91.70): VU036651.D (-2593) (-)





#54

o-xylene

Concen: 10.697 ug/L

RT: 10.12 min Scan# 2732

Delta R.T. 0.00 min

Lab File: VU036664.D

Acq: 01 Feb 2020 01:09

Instrument :

MSVOA_U

ClientSampleId :

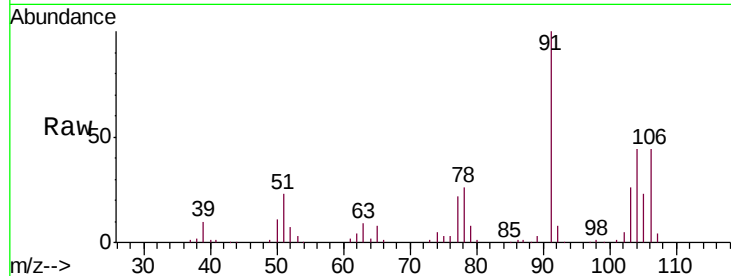
GAT56

Tgt Ion:106 Resp: 38327

Ion Ratio Lower Upper

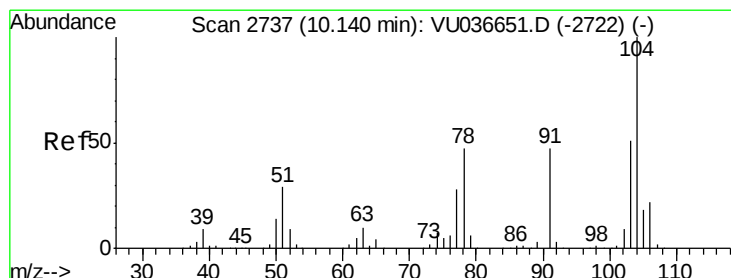
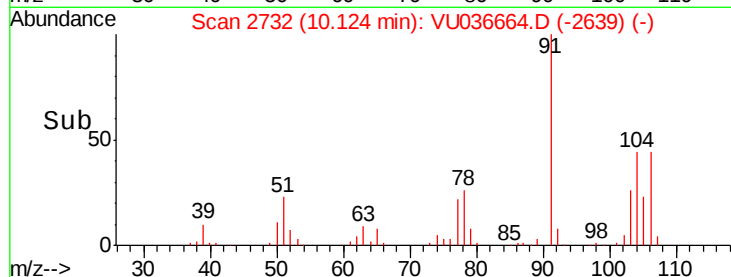
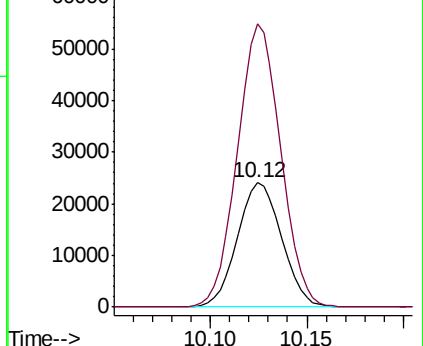
106 100

91 227.6 154.9 287.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VU0



#55

Styrene

Concen: 17.819 ug/L

RT: 10.14 min Scan# 2737

Delta R.T. 0.00 min

Lab File: VU036664.D

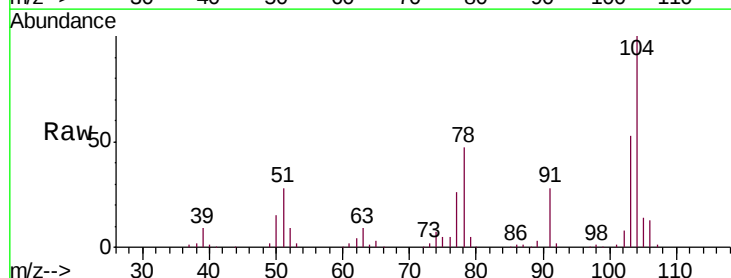
Acq: 01 Feb 2020 01:09

Tgt Ion:104 Resp: 108530

Ion Ratio Lower Upper

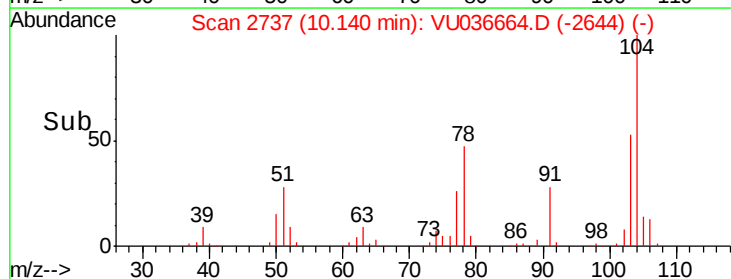
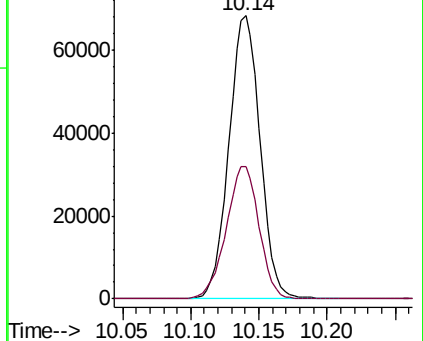
104 100

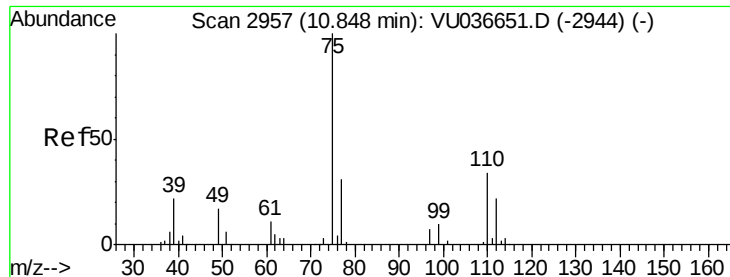
78 46.8 33.1 61.5



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VU0

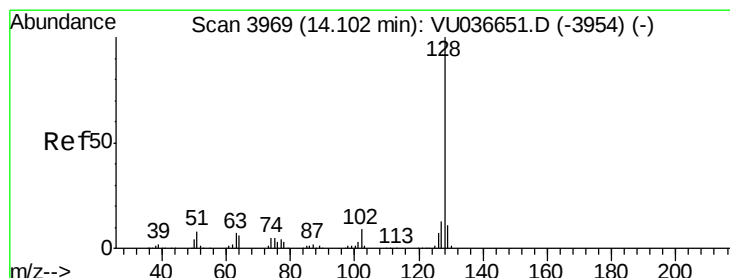
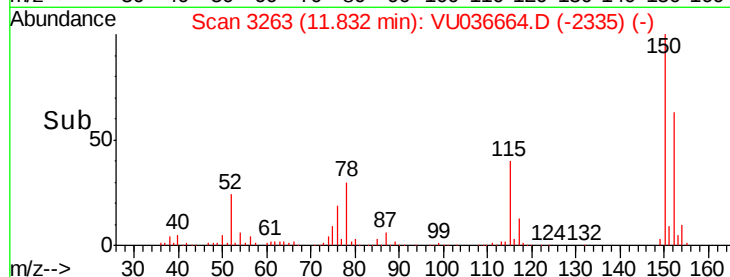
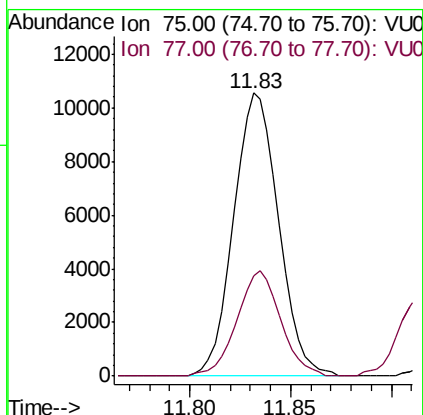
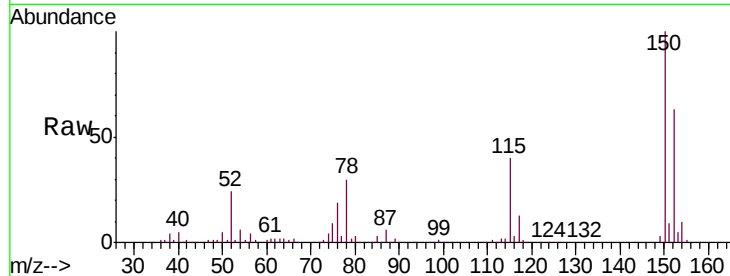




#59
 1,2,3-Trichloropropane
 Concen: 5.584 ug/L
 RT: 11.83 min Scan# 3263
 Delta R.T. 0.98 min
 Lab File: VU036664.D
 Acq: 01 Feb 2020 01:09

Instrument :
 MSVOA_U
 ClientSampleId :
 GAT56

Tgt Ion: 75 Resp: 16472
 Ion Ratio Lower Upper
 75 100
 77 36.3 25.2 37.8



#69
 Naphthalene
 Concen: 603.307 ug/L
 RT: 14.10 min Scan# 3969
 Delta R.T. 0.00 min
 Lab File: VU036664.D
 Acq: 01 Feb 2020 01:09

Tgt Ion: 128 Resp: 5037214
 Ion Ratio Lower Upper
 128 100
 127 13.5 10.7 16.1
 129 10.9 8.5 12.7

