

Data File : VU035718.D
Acq On : 15 Nov 2019 11:47
Operator : JC/SP
Sample : K5856-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAQG4

Quant Time: Nov 16 01:40:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 16 01:36:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	231940	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	260286	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	98225	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	108275	4.53	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.60%
7) Chloroethane-d5	1.93	69	104518	5.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.00%
11) 1,1-Dichloroethene-d2	2.60	63	139896	3.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.60%
20) 2-Butanone-d5	4.70	46	295724	56.10	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.20%
24) Chloroform-d	5.11	84	206106	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.40%
26) 1,2-Dichloroethane-d4	5.75	65	108128	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.20%
32) Benzene-d6	5.77	84	410103	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
36) 1,2-Dichloropropane-d6	6.74	67	141518	5.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.80%
41) Toluene-d8	7.93	98	346478	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
43) trans-1,3-Dichloropropene-	8.22	79	50213	4.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.80%
46) 2-Hexanone-d5	8.70	63	210987	50.89	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.78%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	120368	5.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	110356	5.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.40%

Target Compounds

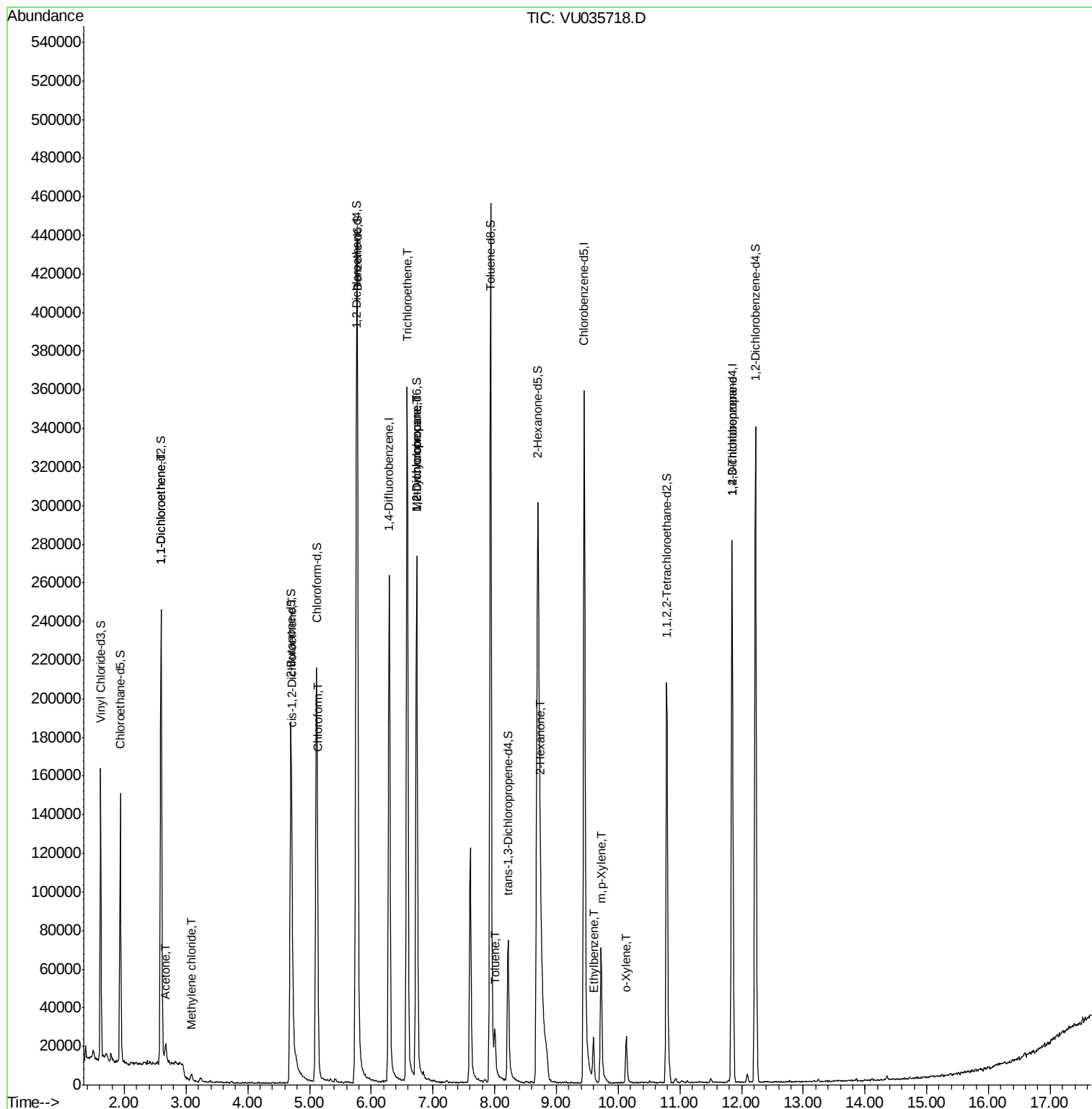
					Qvalue
12) 1,1-Dichloroethene	2.61	96	2227	0.109 ug/L #	1
13) Acetone	2.67	43	11616	3.057 ug/L	99
16) Methylene chloride	3.08	84	1825	0.075 ug/L	88
22) cis-1,2-Dichloroethene	4.72	96	5086	0.219 ug/L	89
25) Chloroform	5.14	83	8924	0.210 ug/L	97
34) Trichloroethene	6.58	95	128026	5.461 ug/L	97
35) Methylcyclohexane	6.74	83	32858	0.920 ug/L #	18
37) 1,2-Dichloropropane	6.74	63	13752	0.570 ug/L #	88
42) Toluene	8.01	91	14851	0.154 ug/L	90
48) 2-Hexanone	8.74	43	23389	2.371 ug/L #	87
52) Ethylbenzene	9.60	91	17871	0.176 ug/L	100
53) m,p-Xylene	9.72	106	25207	0.656 ug/L	94
54) o-Xylene	10.13	106	7895	0.213 ug/L	86
59) 1,2,3-Trichloropropane	11.84	75	10431	0.653 ug/L	94

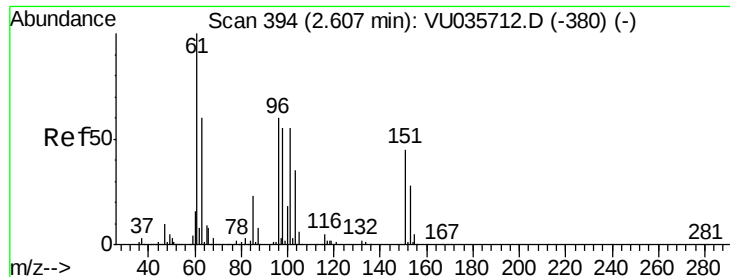
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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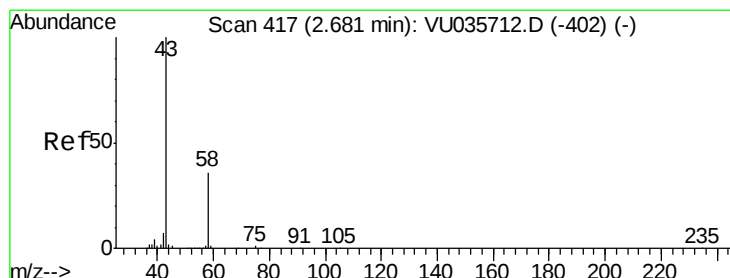
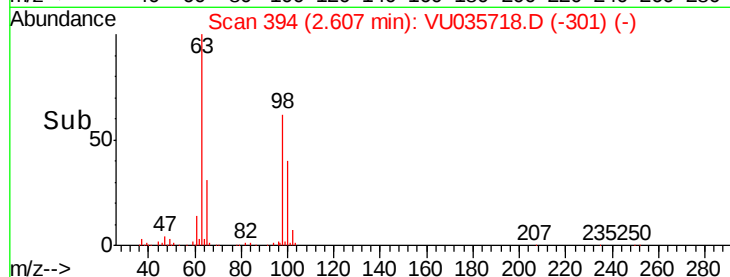
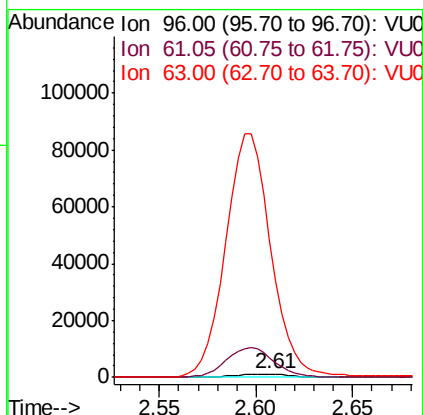
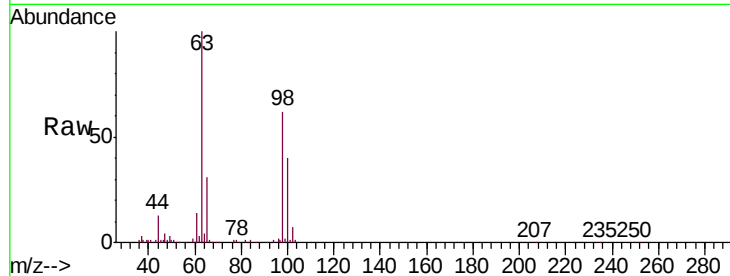




#12
 1,1-Dichloroethene
 Concen: 0.109 ug/L
 RT: 2.61 min Scan# 394
 Delta R.T. 0.00 min
 Lab File: VU035718.D
 Acq: 15 Nov 2019 11:47

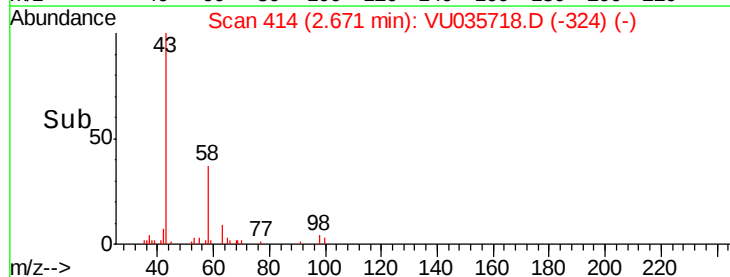
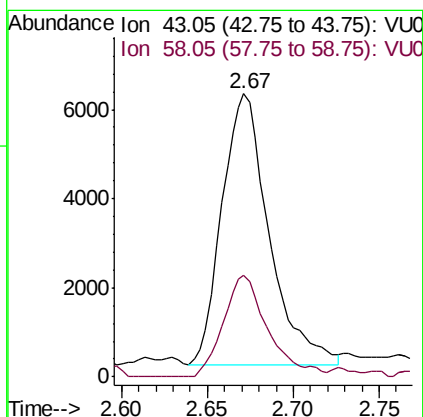
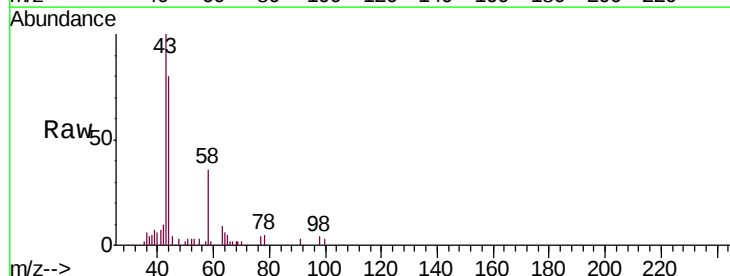
Instrument :
 MSVOA_U
 ClientSampleId :
 GAQG4

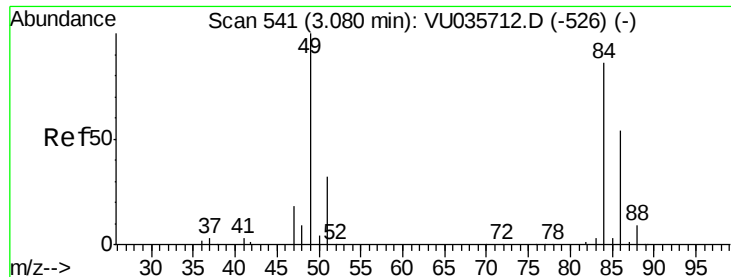
Tgt Ion: 96 Resp: 2227
 Ion Ratio Lower Upper
 96 100
 61 620.6 123.1 228.5#
 63 4374.2 87.8 163.0#



#13
 Acetone
 Concen: 3.057 ug/L
 RT: 2.67 min Scan# 414
 Delta R.T. -0.01 min
 Lab File: VU035718.D
 Acq: 15 Nov 2019 11:47

Tgt Ion: 43 Resp: 11616
 Ion Ratio Lower Upper
 43 100
 58 35.5 0.0 69.8

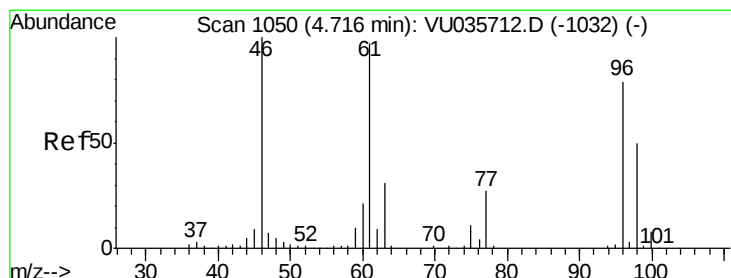
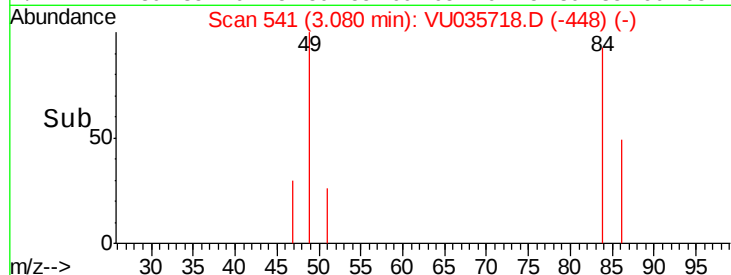
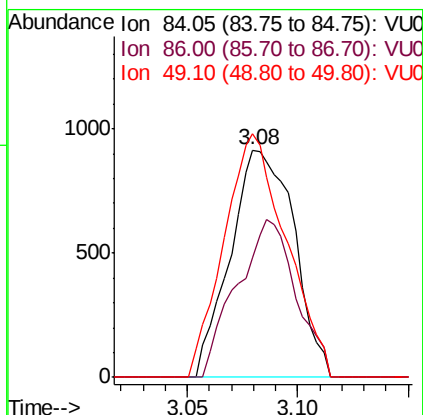
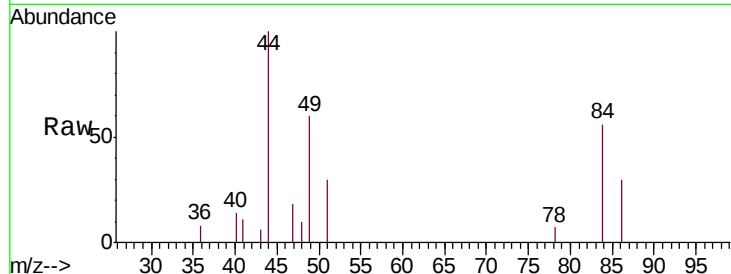




#16
Methylene chloride
Concen: 0.075 ug/L
RT: 3.08 min Scan# 541
Delta R.T. 0.00 min
Lab File: VU035718.D
Acq: 15 Nov 2019 11:47

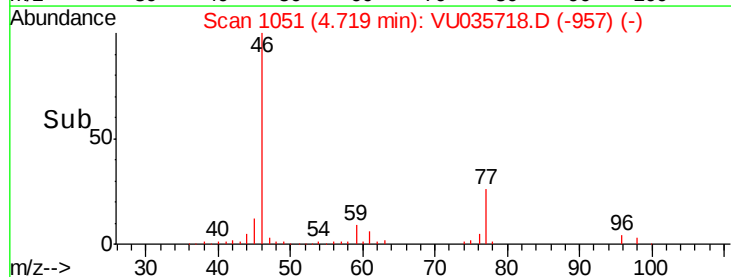
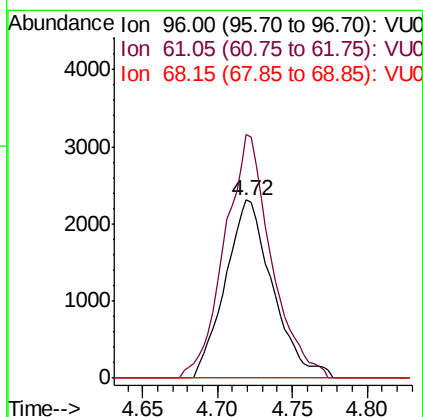
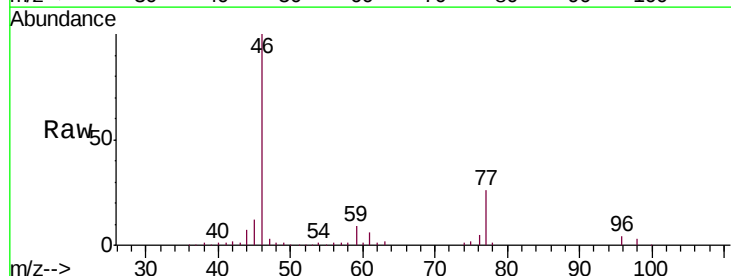
Instrument :
MSVOA_U
ClientSampled :
GAQG4

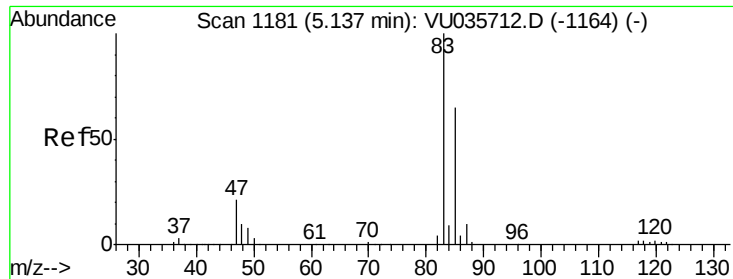
Tgt Ion: 84 Resp: 1825
Ion Ratio Lower Upper
84 100
86 52.6 45.8 85.2
49 107.1 81.9 152.1



#22
cis-1,2-Dichloroethene
Concen: 0.219 ug/L
RT: 4.72 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VU035718.D
Acq: 15 Nov 2019 11:47

Tgt Ion: 96 Resp: 5086
Ion Ratio Lower Upper
96 100
61 136.8 87.0 161.6
68 0.0 0.0 0.0

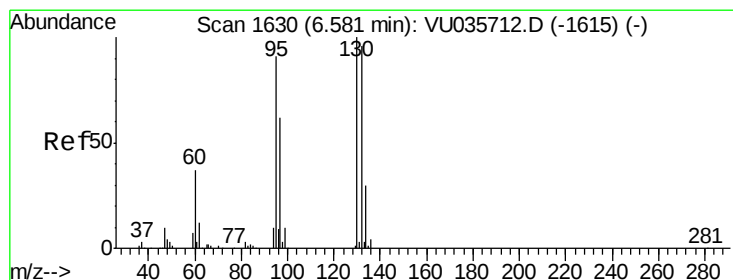
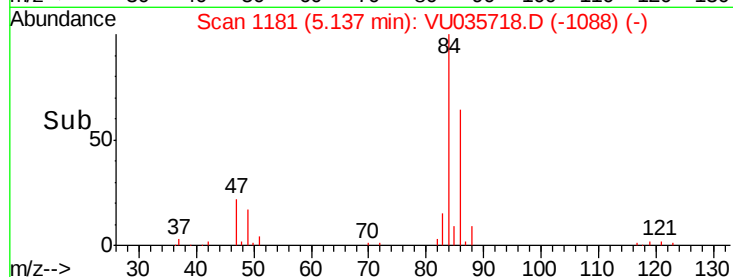
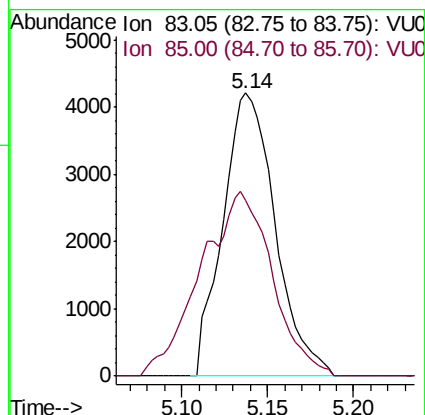
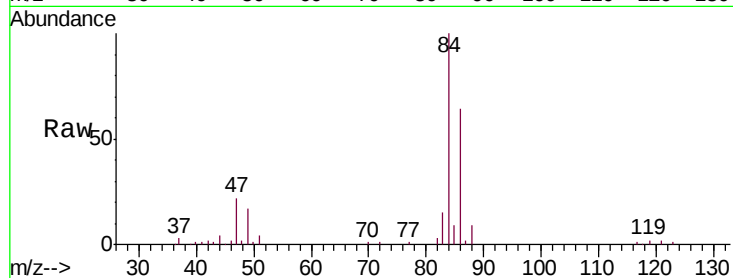




#25
Chloroform
Concen: 0.210 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VU035718.D
Acq: 15 Nov 2019 11:47

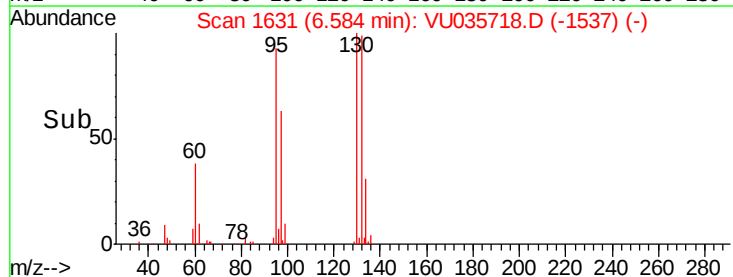
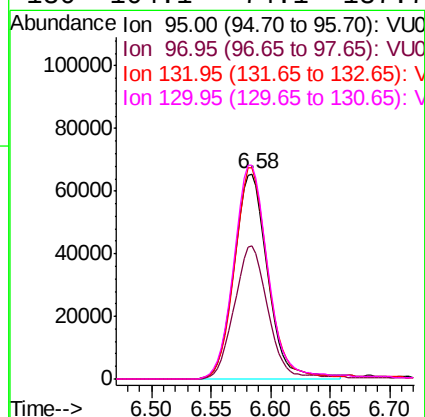
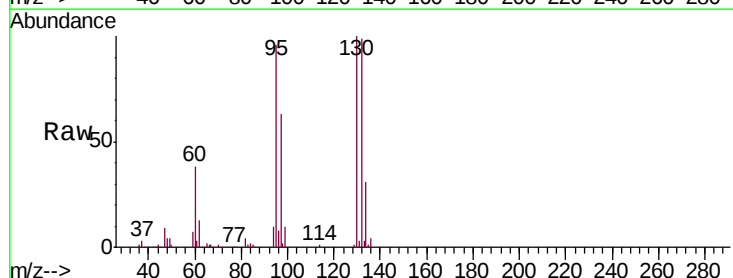
Instrument :
MSVOA_U
ClientSampleId :
GAQG4

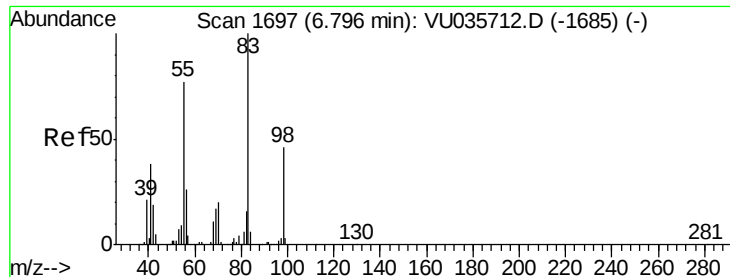
Tgt Ion: 83 Resp: 8924
Ion Ratio Lower Upper
83 100
85 62.1 45.4 84.2



#34
Trichloroethene
Concen: 5.461 ug/L
RT: 6.58 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU035718.D
Acq: 15 Nov 2019 11:47

Tgt Ion: 95 Resp: 128026
Ion Ratio Lower Upper
95 100
97 65.2 44.5 82.7
132 103.4 69.9 129.7
130 104.1 74.1 137.7





#35

Methylcyclohexane

Concen: 0.920 ug/L

RT: 6.74 min Scan# 1678

Delta R.T. -0.06 min

Lab File: VU035718.D

Acq: 15 Nov 2019 11:47

Instrument :

MSVOA_U

ClientSampleId :

GAQG4

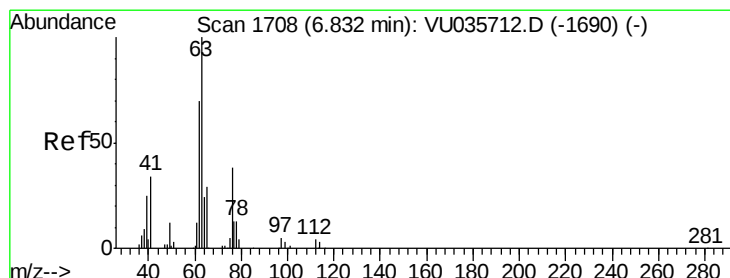
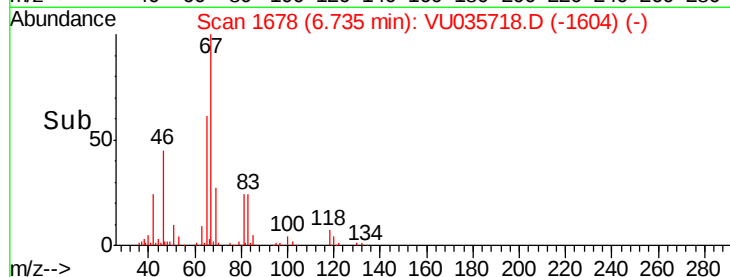
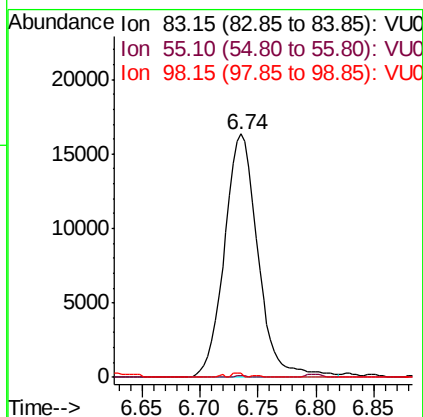
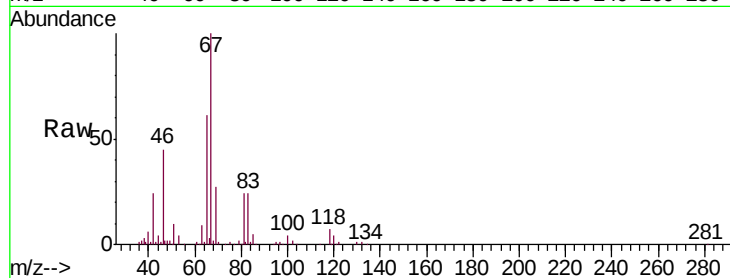
Tgt Ion: 83 Resp: 32858

Ion Ratio Lower Upper

83 100

55 0.2 62.6 93.8#

98 0.5 37.2 55.8#



#37

1,2-Dichloropropane

Concen: 0.570 ug/L

RT: 6.74 min Scan# 1678

Delta R.T. -0.10 min

Lab File: VU035718.D

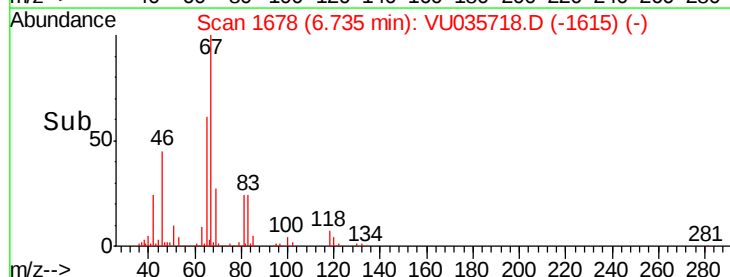
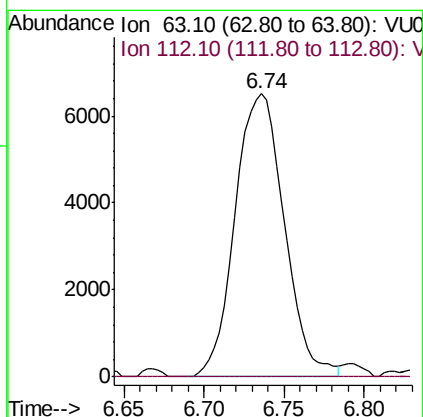
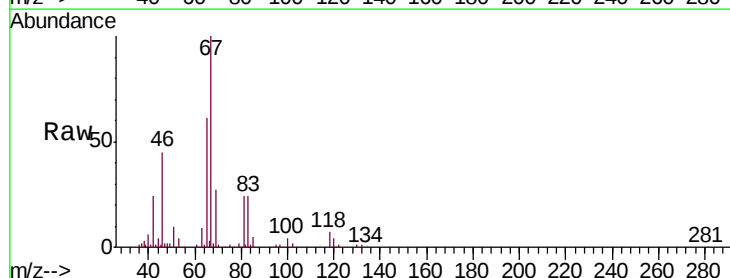
Acq: 15 Nov 2019 11:47

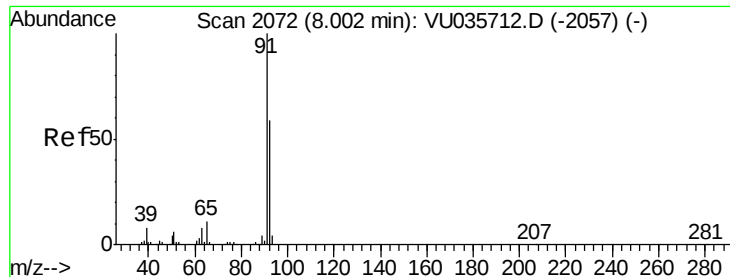
Tgt Ion: 63 Resp: 13752

Ion Ratio Lower Upper

63 100

112 0.3 3.4 5.2#





#42

Toluene

Concen: 0.154 ug/L

RT: 8.01 min Scan# 2073

Delta R.T. 0.00 min

Lab File: VU035718.D

Acq: 15 Nov 2019 11:47

Instrument :

MSVOA_U

ClientSampleId :

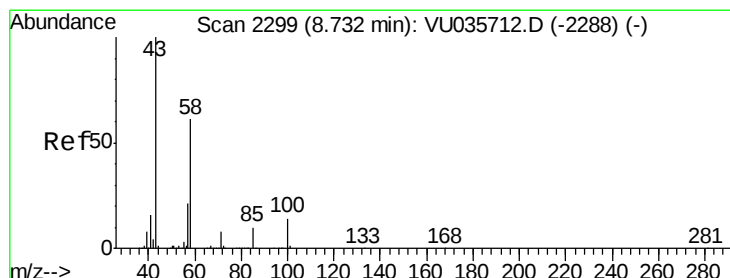
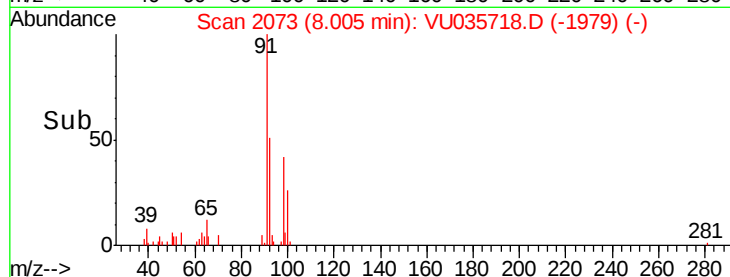
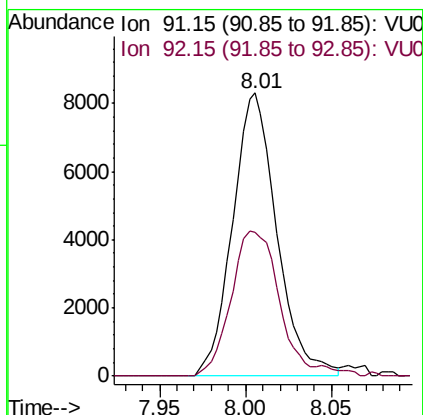
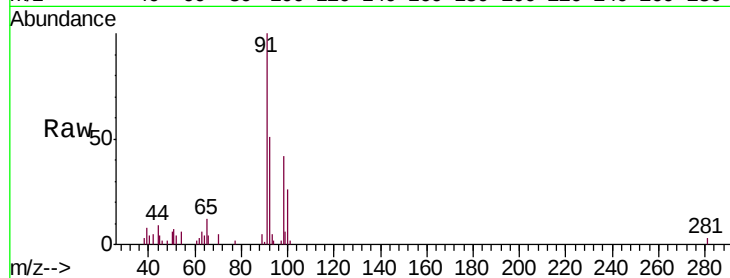
GAQG4

Tgt Ion: 91 Resp: 14851

Ion Ratio Lower Upper

91 100

92 50.7 40.5 75.3



#48

2-Hexanone

Concen: 2.371 ug/L

RT: 8.74 min Scan# 2303

Delta R.T. 0.01 min

Lab File: VU035718.D

Acq: 15 Nov 2019 11:47

Tgt Ion: 43 Resp: 23389

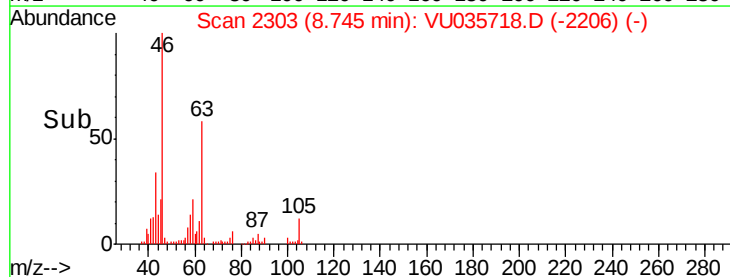
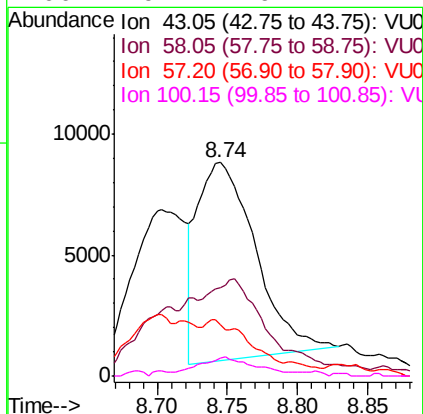
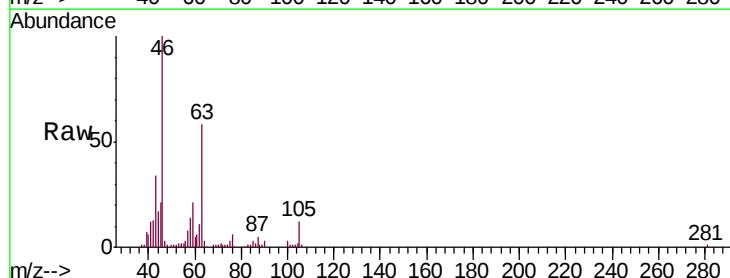
Ion Ratio Lower Upper

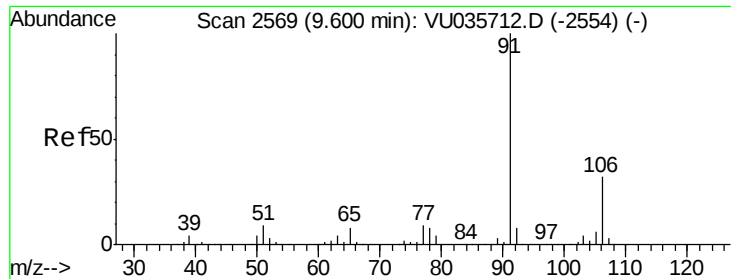
43 100

58 41.5 44.1 66.1#

57 18.0 15.1 22.7

100 9.2 9.4 14.2#





#52

Ethylbenzene

Concen: 0.176 ug/L

RT: 9.60 min Scan# 2570

Delta R.T. 0.00 min

Lab File: VU035718.D

Acq: 15 Nov 2019 11:47

Instrument :

MSVOA_U

ClientSampleId :

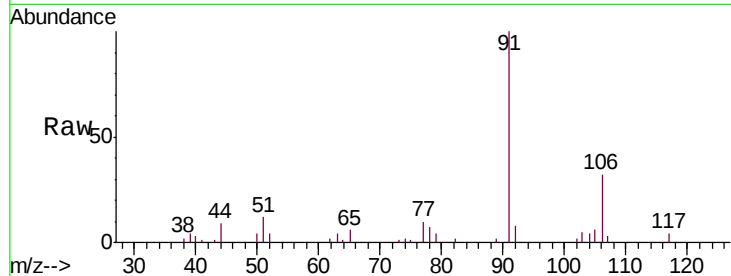
GAQG4

Tgt Ion: 91 Resp: 17871

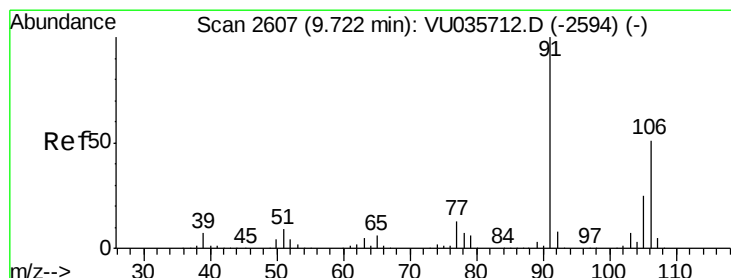
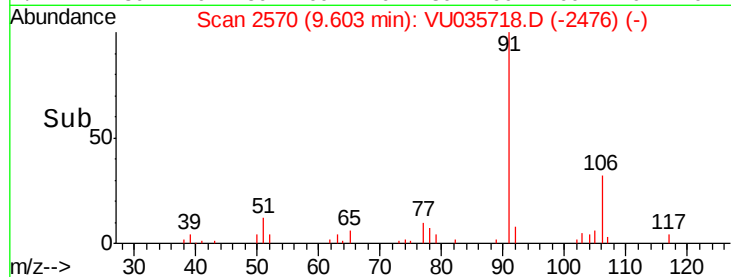
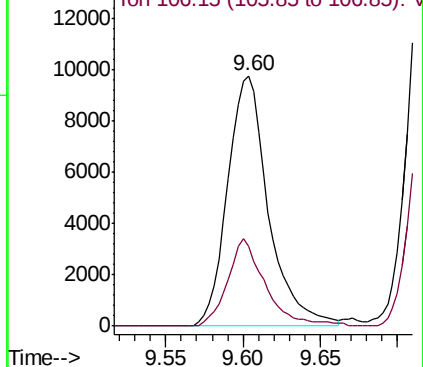
Ion Ratio Lower Upper

91 100

106 31.7 22.4 41.6



Abundance Ion 91.15 (90.85 to 91.85): VU035718.D (-2554) (-)



#53

m,p-Xylene

Concen: 0.656 ug/L

RT: 9.72 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VU035718.D

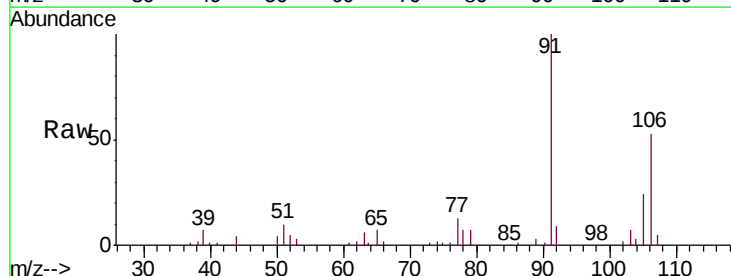
Acq: 15 Nov 2019 11:47

Tgt Ion: 106 Resp: 25207

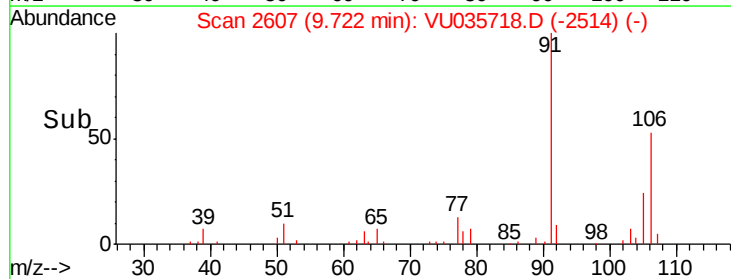
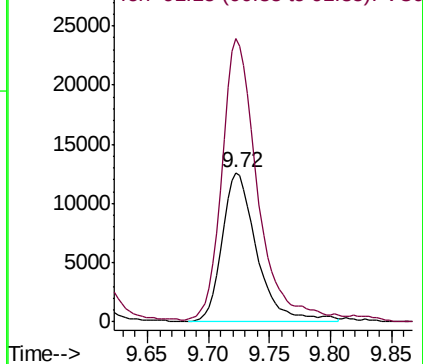
Ion Ratio Lower Upper

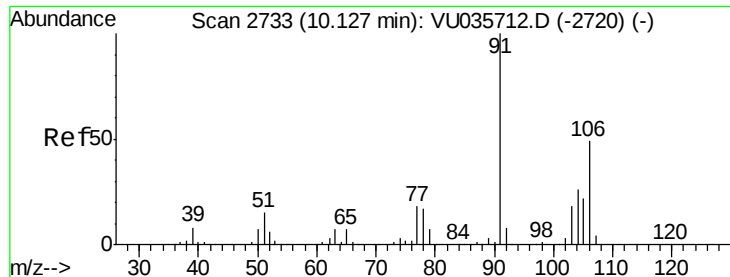
106 100

91 189.4 139.4 259.0



Abundance Ion 106.15 (105.85 to 106.85): VU035718.D (-2594) (-)

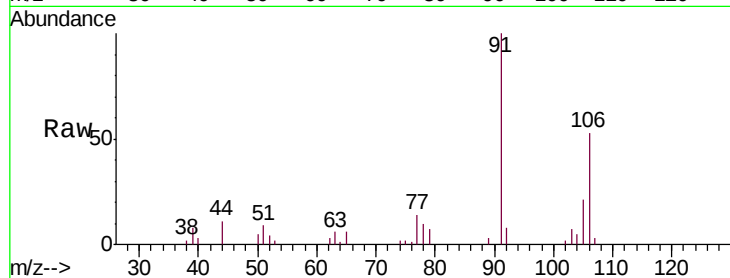




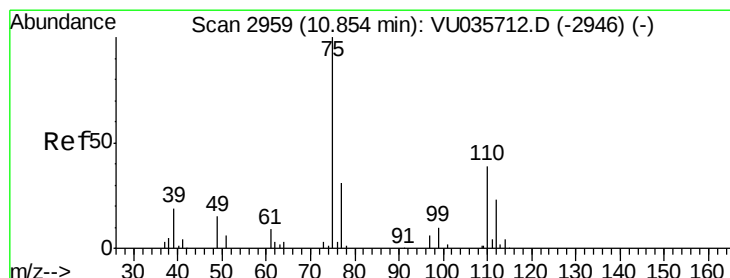
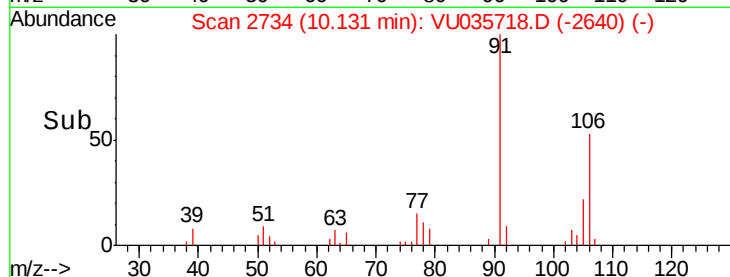
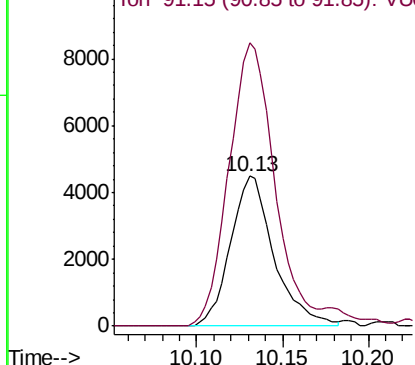
#54
o-Xylene
Concen: 0.213 ug/L
RT: 10.13 min Scan# 2734
Delta R.T. 0.00 min
Lab File: VU035718.D
Acq: 15 Nov 2019 11:47

Instrument :
MSVOA_U
ClientSampleId :
GAQG4

Tgt Ion: 106 Resp: 7895
Ion Ratio Lower Upper
106 100
91 188.8 147.7 274.3

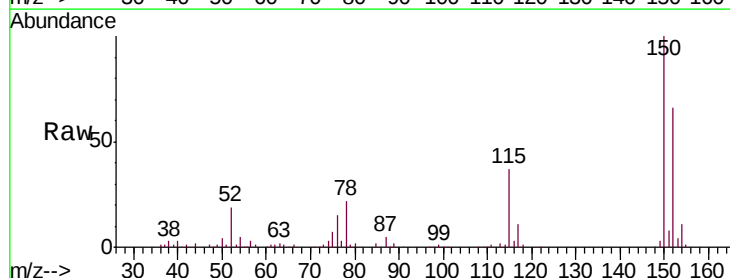


Abundance Ion 106.15 (105.85 to 106.85): VU035718.D (-2720) (-)
Ion 91.15 (90.85 to 91.85): VU035718.D (-2720) (-)



#59
1,2,3-Trichloropropane
Concen: 0.653 ug/L
RT: 11.84 min Scan# 3266
Delta R.T. 0.99 min
Lab File: VU035718.D
Acq: 15 Nov 2019 11:47

Tgt Ion: 75 Resp: 10431
Ion Ratio Lower Upper
75 100
77 36.7 26.8 40.2



Abundance Ion 75.00 (74.70 to 75.70): VU035718.D (-2946) (-)
Ion 77.00 (76.70 to 77.70): VU035718.D (-2946) (-)

