

Data File : VU035716.D
Acq On : 15 Nov 2019 10:57
Operator : JC/SP
Sample : K5856-05
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAQG2

Quant Time: Nov 16 01:40:06 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	233833	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	257100	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.85	152	94457	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	90274	3.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.00%
7) Chloroethane-d5	1.93	69	85972	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.40%
11) 1,1-Dichloroethene-d2	2.60	63	115267	2.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.00%#
20) 2-Butanone-d5	4.70	46	240590	45.27	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.54%
24) Chloroform-d	5.11	84	173167	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
26) 1,2-Dichloroethane-d4	5.75	65	91075	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
32) Benzene-d6	5.77	84	343886	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.00%
36) 1,2-Dichloropropane-d6	6.74	67	115147	4.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.00%
41) Toluene-d8	7.93	98	286915	3.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.00%
43) trans-1,3-Dichloropropene-	8.22	79	43659	4.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.60%
46) 2-Hexanone-d5	8.70	63	172465	42.11	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.22%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	96334	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.80%
64) 1,2-Dichlorobenzene-d4	12.23	152	87093	4.65	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.00%

Target Compounds

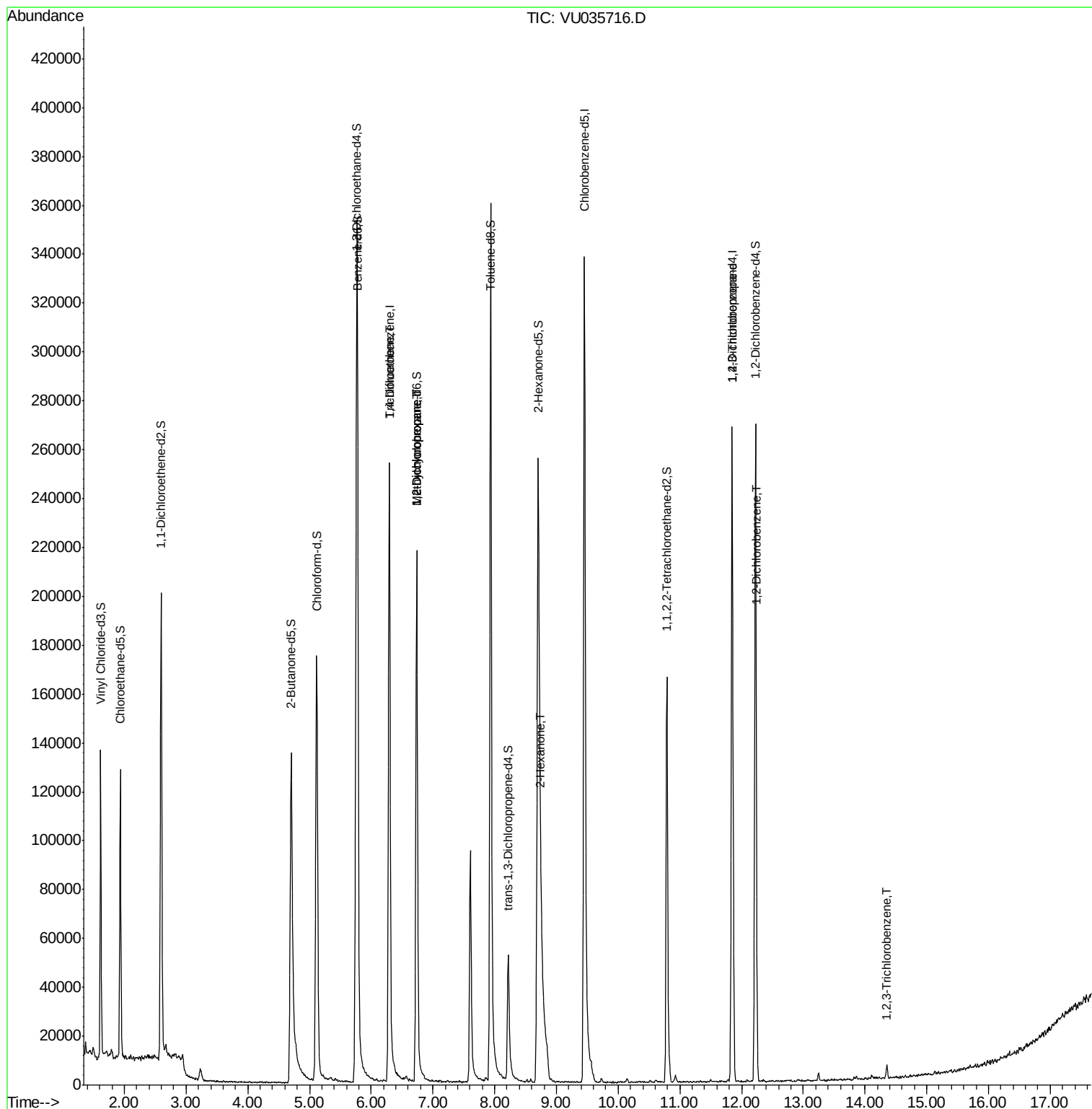
					Qvalue
34) Trichloroethene	6.29	95	4343	0.188 ug/L #	3
35) Methylcyclohexane	6.74	83	26447	0.750 ug/L #	18
37) 1,2-Dichloropropane	6.74	63	11280	0.473 ug/L #	88
48) 2-Hexanone	8.75	43	18902	1.940 ug/L #	98
59) 1,2,3-Trichloropropane	11.85	75	10279	0.652 ug/L	97
65) 1,2-Dichlorobenzene	12.25	146	2765	0.093 ug/L	97
70) 1,2,3-Trichlorobenzene	14.35	180	2026	0.170 ug/L	93

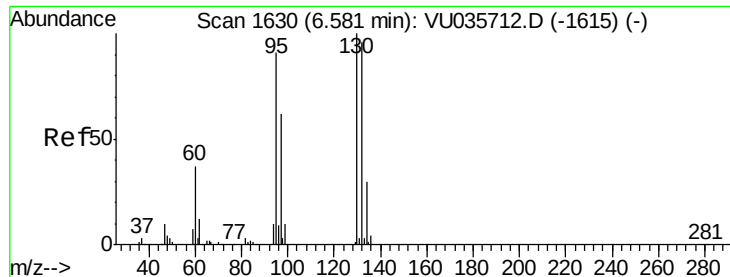
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 0.188 ug/L

RT: 6.29 min Scan# 1541

Delta R.T. -0.29 min

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Instrument :

MSVOA_U

ClientSampleId :

GAQG2

Tgt Ion: 95 Resp: 4343

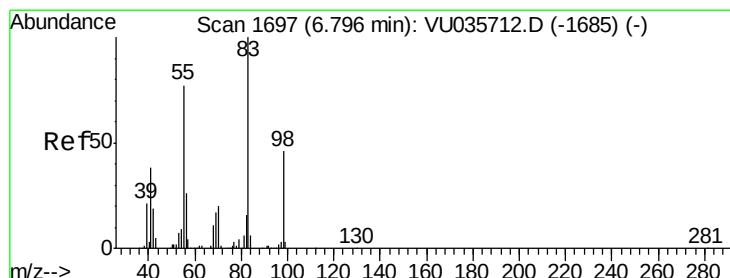
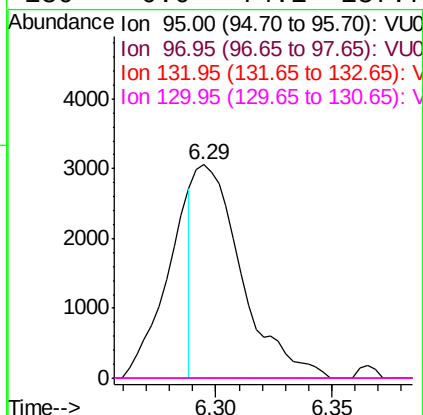
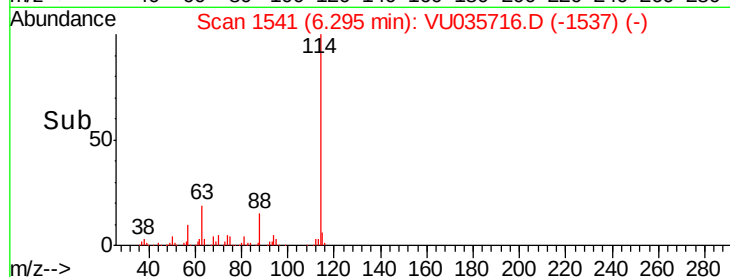
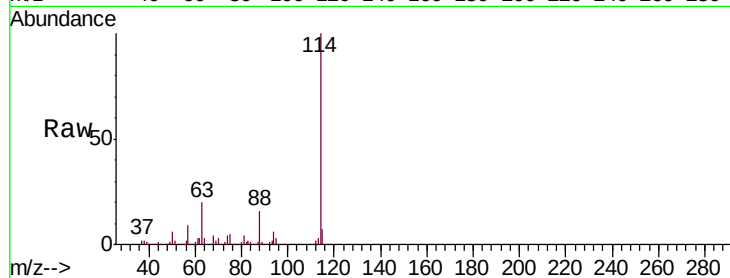
Ion Ratio Lower Upper

95 100

97 0.0 44.5 82.7#

132 0.0 69.9 129.7#

130 0.0 74.1 137.7#



#35

Methylcyclohexane

Concen: 0.750 ug/L

RT: 6.74 min Scan# 1678

Delta R.T. -0.06 min

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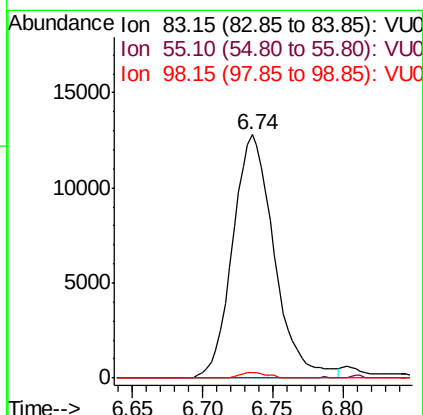
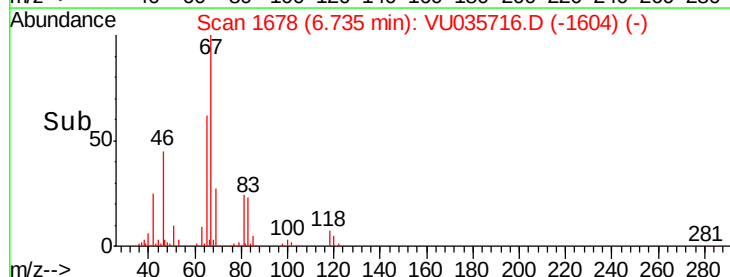
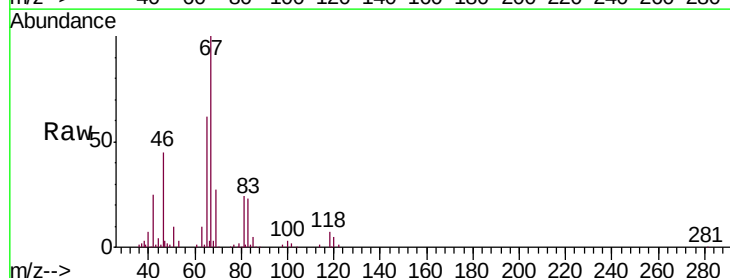
Tgt Ion: 83 Resp: 26447

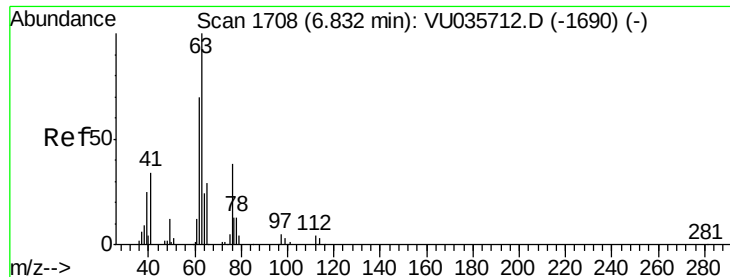
Ion Ratio Lower Upper

83 100

55 0.1 62.6 93.8#

98 1.4 37.2 55.8#





#37

1,2-Dichloropropane

Concen: 0.473 ug/L

RT: 6.74 min Scan# 1678

Delta R.T. -0.10 min

Lab File: VU035716.D

Acq: 15 Nov 2019 10:57

Instrument :

MSVOA_U

ClientSampleId :

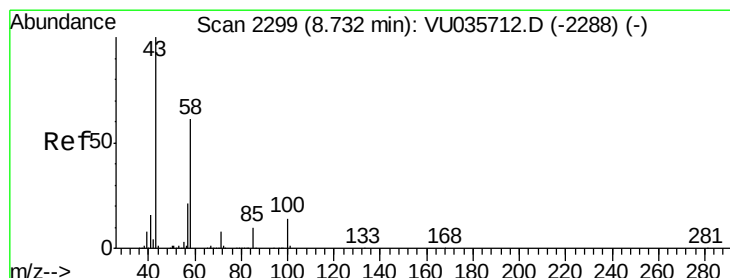
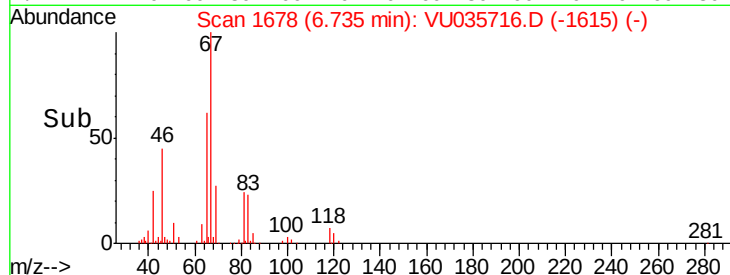
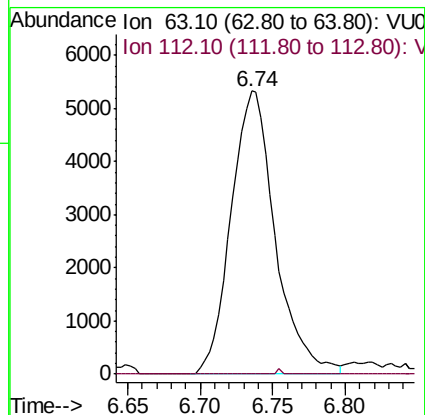
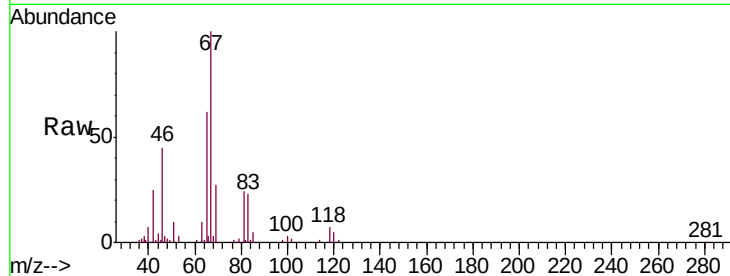
GAQG2

Tgt Ion: 63 Resp: 11280

Ion Ratio Lower Upper

63 100

112 0.2 3.4 5.2#



#48

2-Hexanone

Concen: 1.940 ug/L

RT: 8.75 min Scan# 2305

Delta R.T. 0.02 min

Lab File: VU035716.D

Acq: 15 Nov 2019 10:57

Tgt Ion: 43 Resp: 18902

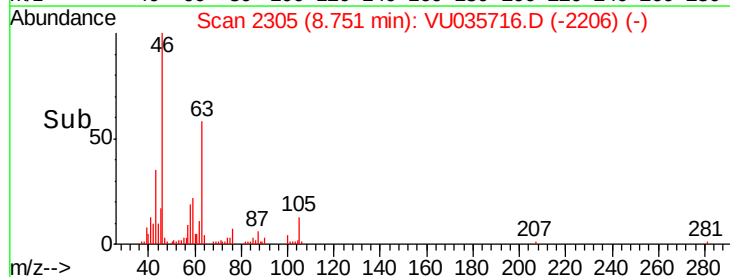
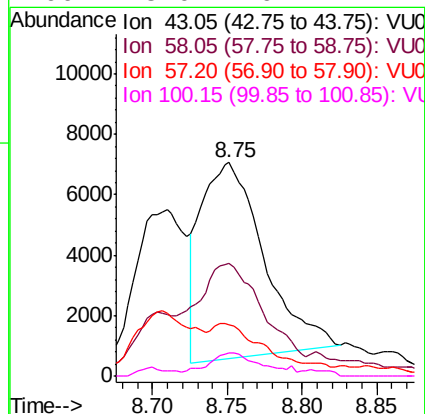
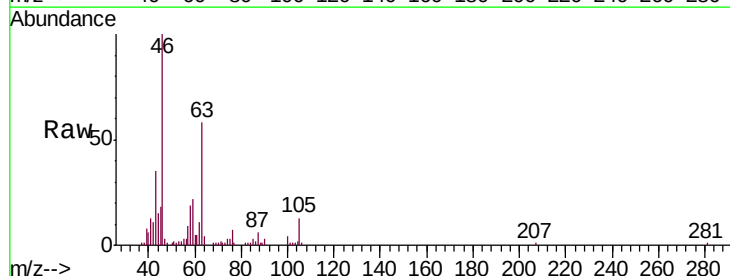
Ion Ratio Lower Upper

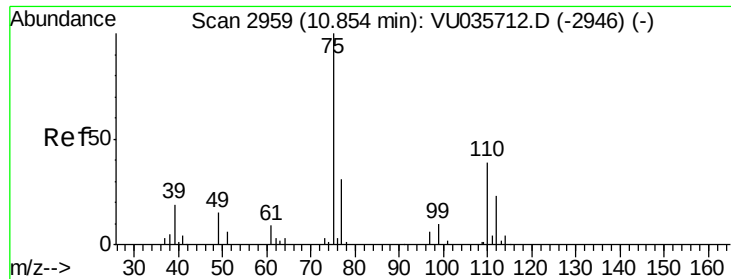
43 100

58 54.9 44.1 66.1

57 18.6 15.1 22.7

100 8.0 9.4 14.2#

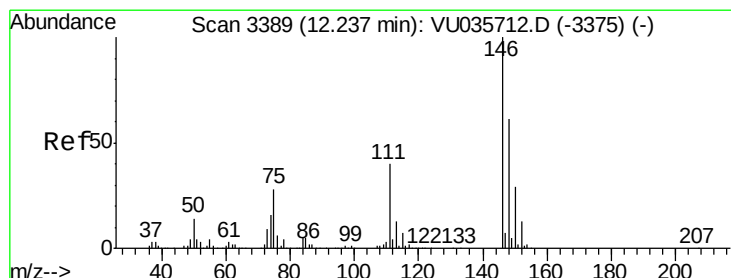
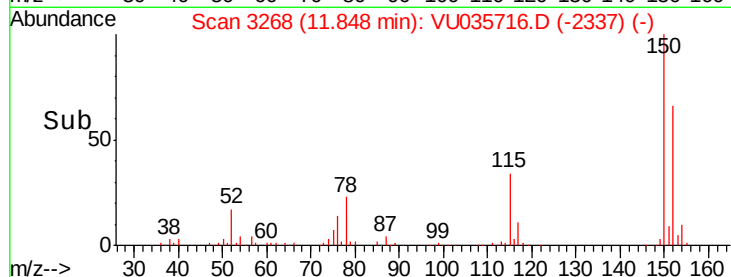
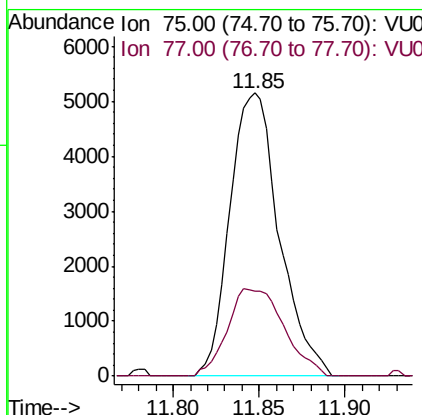
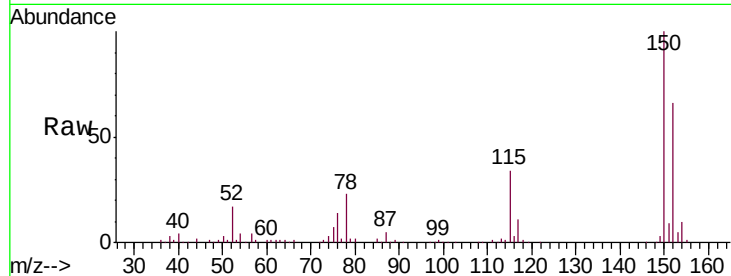




#59
 1,2,3-Trichloropropane
 Concen: 0.652 ug/L
 RT: 11.85 min Scan# 3268
 Delta R.T. 0.99 min
 Lab File: VU035716.D
 Acq: 15 Nov 2019 10:57

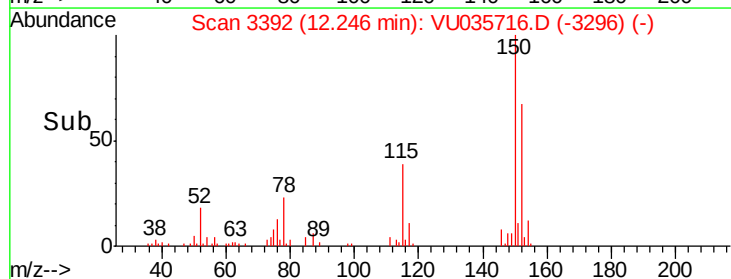
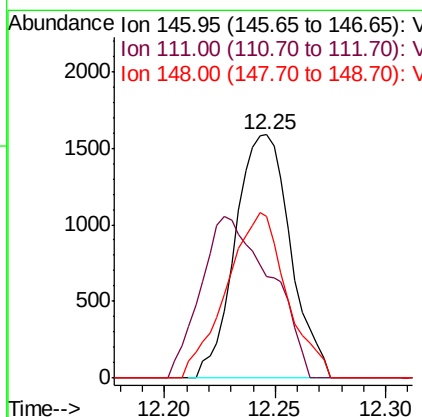
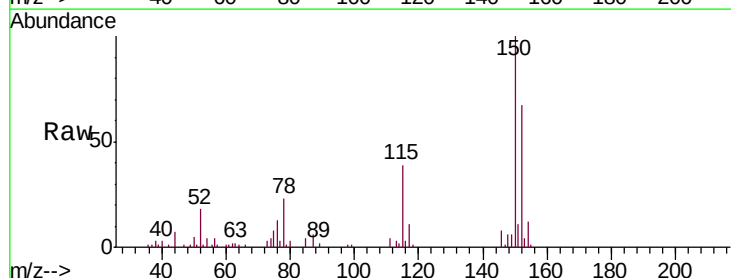
Instrument :
 MSVOA_U
 ClientSampleId :
 GAQG2

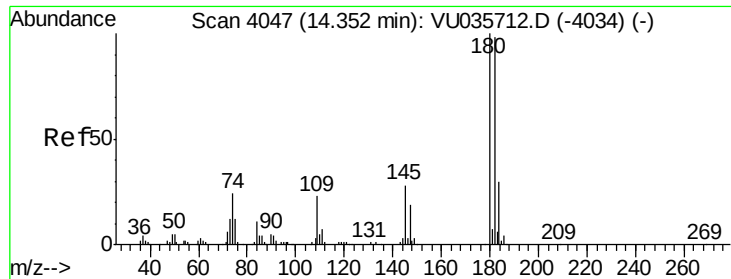
Tgt Ion: 75 Resp: 10279
 Ion Ratio Lower Upper
 75 100
 77 35.3 26.8 40.2



#65
 1,2-Dichlorobenzene
 Concen: 0.093 ug/L
 RT: 12.25 min Scan# 3392
 Delta R.T. 0.01 min
 Lab File: VU035716.D
 Acq: 15 Nov 2019 10:57

Tgt Ion: 146 Resp: 2765
 Ion Ratio Lower Upper
 146 100
 111 41.5 32.2 48.4
 148 66.4 50.7 76.1





#70
 1,2,3-Trichlorobenzene
 Concen: 0.170 ug/L
 RT: 14.35 min Scan# 4047
 Delta R.T. -0.00 min
 Lab File: VU035716.D
 Acq: 15 Nov 2019 10:57

Instrument :
 MSVOA_U
 ClientSampleId :
 GAQG2

Tgt Ion:	180	Resp:	2026
Ion	Ratio	Lower	Upper
180	100		
182	100.3	74.8	112.2
145	33.9	23.6	35.4

