

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102619\
 Data File : VU035521.D
 Acq On : 26 Oct 2019 16:21
 Operator : JC/SP
 Sample : K5536-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 30 02:29:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 30 02:26:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	686454	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	645506	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	257644	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	235951	43.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.16%
7) Chloroethane-d5	1.93	69	201888	44.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.80%
11) 1,1-Dichloroethene-d2	2.59	63	303684	33.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.14%
21) 2-Butanone-d5	4.71	46	394792	110.53	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.53%
24) Chloroform-d	5.12	84	395307	44.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.22%
26) 1,2-Dichloroethane-d4	5.75	65	264328	46.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.30%
32) Benzene-d6	5.77	84	836643	48.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.06%
36) 1,2-Dichloropropane-d6	6.74	67	278301	49.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.90%
41) Toluene-d8	7.93	98	748650	47.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.96%
43) trans-1,3-Dichloropropene-	8.22	79	130494	49.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.04%
47) 2-Hexanone-d5	8.68	63	277557	133.51	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	133.51%#
57) 1,1,2,2-Tetrachloroethane-	10.79	84	370993	46.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.68%
64) 1,2-Dichlorobenzene-d4	12.22	152	244005	48.63	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.26%

Target Compounds

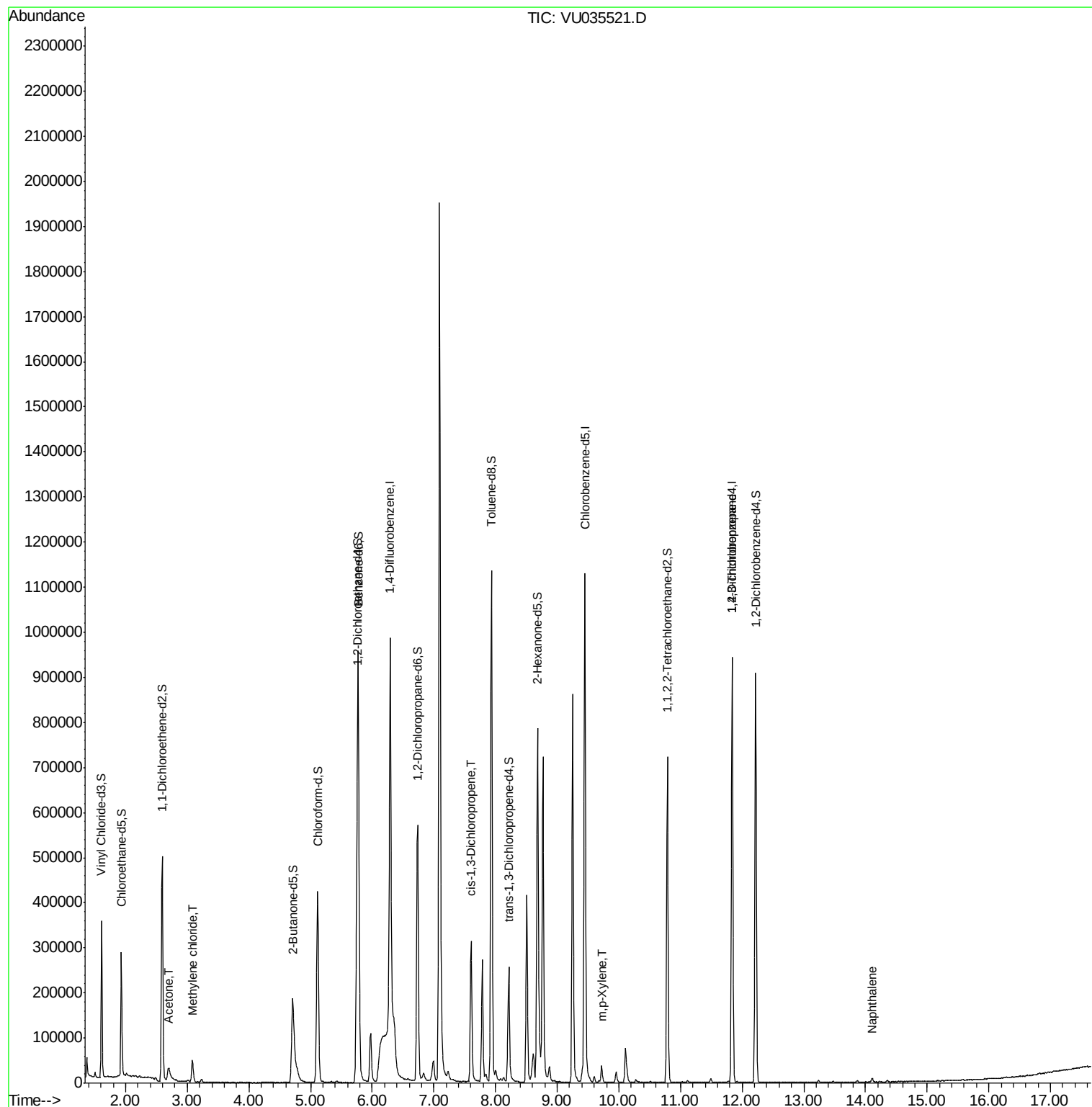
					Ovalue
13) Acetone	2.70	43	61239	17.112	ug/L 99
16) Methylene chloride	3.09	84	24062	4.451	ug/L 96
39) cis-1,3-Dichloropropene	7.60	75	7424	0.943	ug/L # 43
53) m,p-Xylene	9.72	106	9903	1.249	ug/L 92
59) 1,2,3-Trichloropropane	11.84	75	32549	4.759	ug/L 94
69) Naphthalene	14.11	128	6576	0.896	ug/L 97

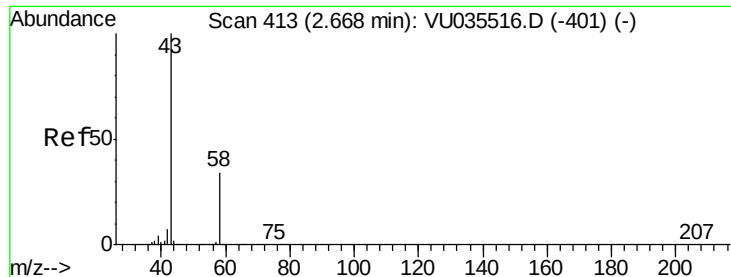
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 17.112 ug/L

RT: 2.70 min Scan# 422

Delta R.T. 0.03 min

Lab File: VU035521.D

Acq: 26 Oct 2019 16:21

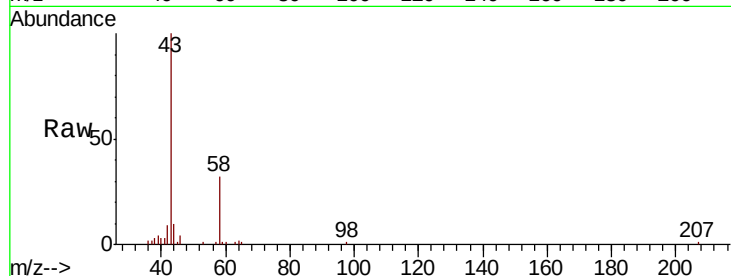
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 43 Resp: 61239

Ion Ratio Lower Upper

43 100

58 32.9 0.0 66.6



Abundance Ion 43.00 (42.70 to 43.70): VU035521.D (-422) (-)

Ion 58.00 (57.70 to 58.70): VU035521.D (-422) (-)

2.70

20000

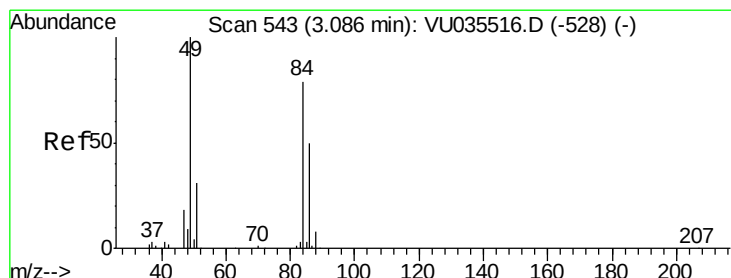
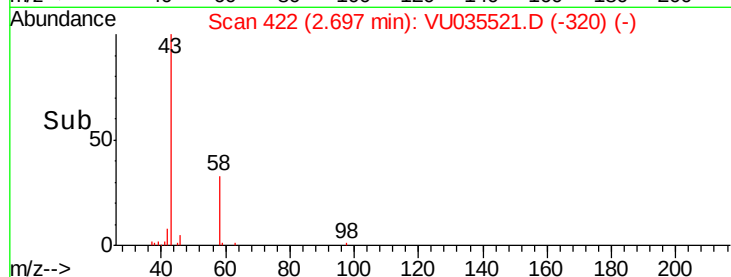
15000

10000

5000

0

Time--> 2.60 2.65 2.70 2.75 2.80



#16

Methylene chloride

Concen: 4.451 ug/L

RT: 3.09 min Scan# 543

Delta R.T. 0.00 min

Lab File: VU035521.D

Acq: 26 Oct 2019 16:21

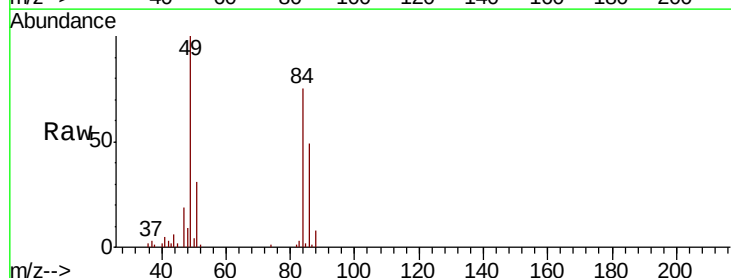
Tgt Ion: 84 Resp: 24062

Ion Ratio Lower Upper

84 100

86 65.6 45.5 84.5

49 133.1 88.3 163.9



Abundance Ion 84.00 (83.70 to 84.70): VU035521.D (-543) (-)

Ion 86.00 (85.70 to 86.70): VU035521.D (-543) (-)

Ion 49.00 (48.70 to 49.70): VU035521.D (-543) (-)

3.09

20000

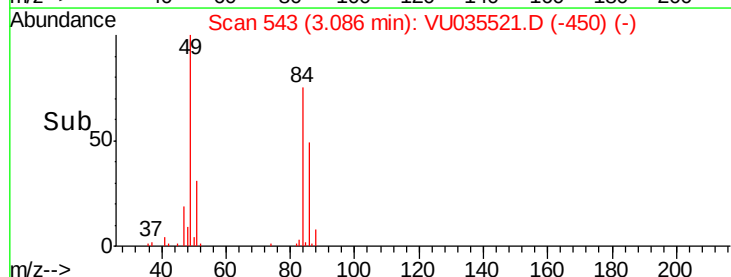
15000

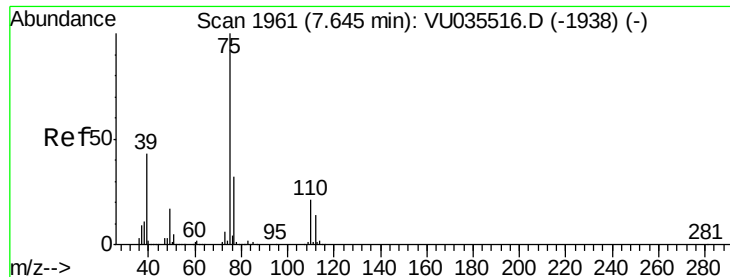
10000

5000

0

Time--> 3.00 3.05 3.10 3.15





#39

cis-1,3-Dichloropropene

Concen: 0.943 ug/L

RT: 7.60 min Scan# 1948

Delta R.T. -0.04 min

Lab File: VU035521.D

Acq: 26 Oct 2019 16:21

Instrument :

MSVOA_U

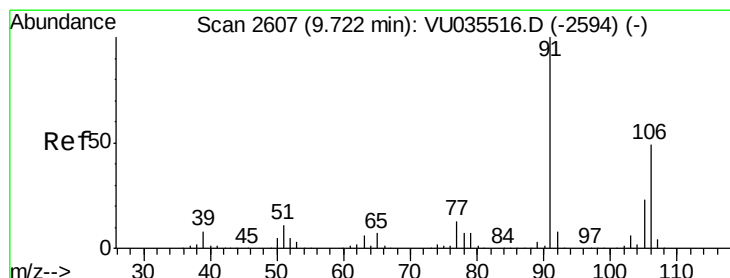
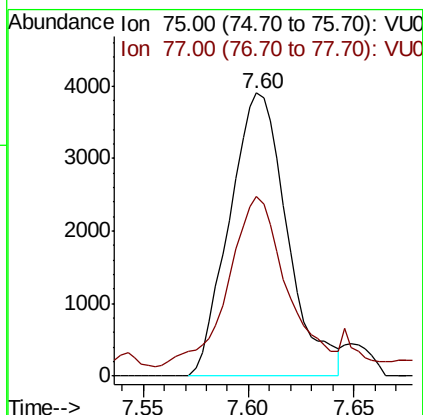
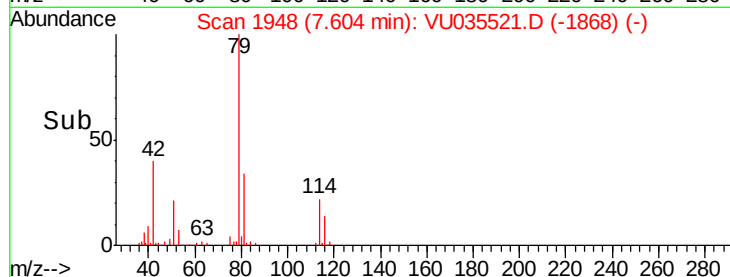
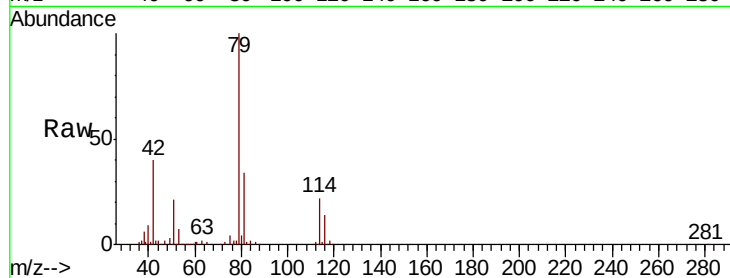
ClientSampleId :

Tot Ion: 75 Resp: 7424

Ion Ratio Lower Upper

75 100

77 63.4 22.2 41.2#



#53

m,p-Xylene

Concen: 1.249 ug/L

RT: 9.72 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VU035521.D

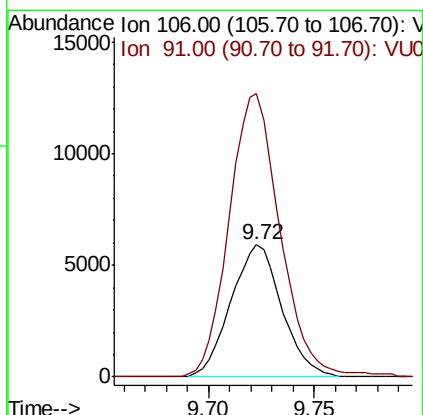
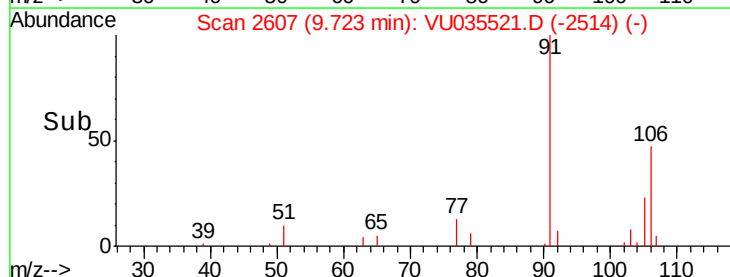
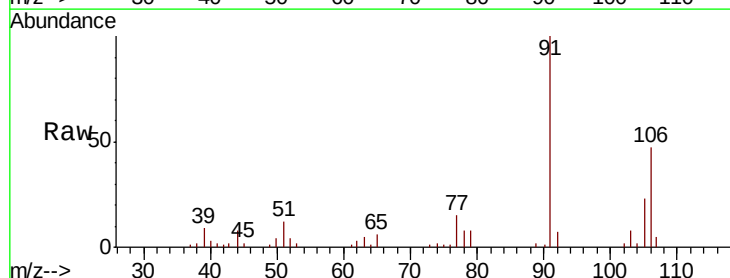
Acq: 26 Oct 2019 16:21

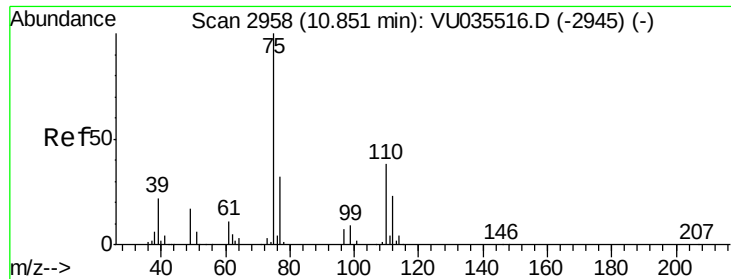
Tgt Ion: 106 Resp: 9903

Ion Ratio Lower Upper

106 100

91 214.3 141.7 263.3

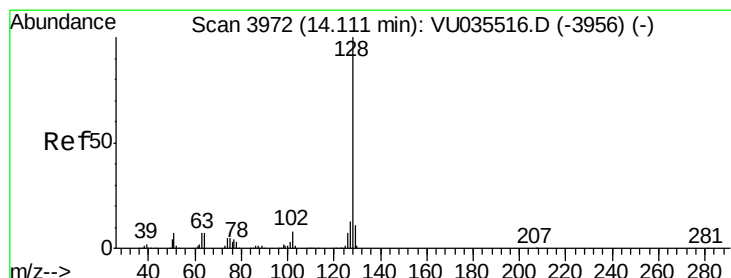
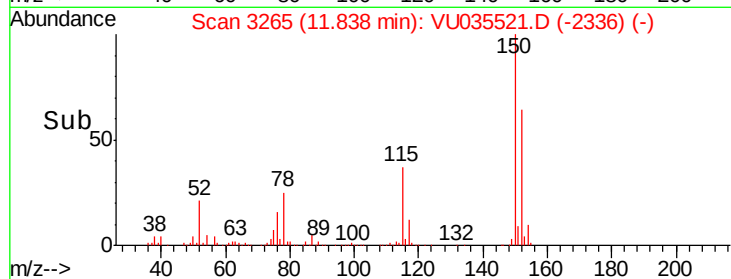
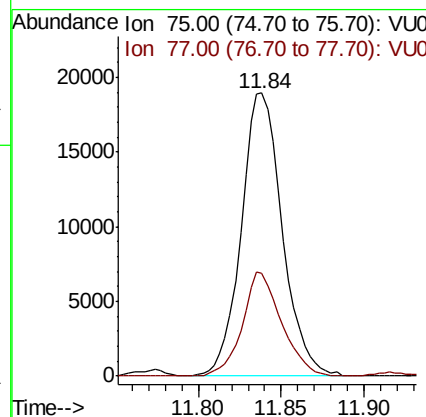
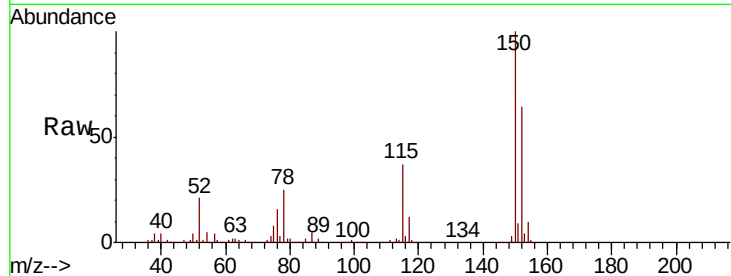




#59
 1,2,3-Trichloropropane
 Concen: 4.759 ug/L
 RT: 11.84 min Scan# 3265
 Delta R.T. 0.99 min
 Lab File: VU035521.D
 Acq: 26 Oct 2019 16:21

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion: 75 Resp: 32549
 Ion Ratio Lower Upper
 75 100
 77 35.0 25.4 38.2



#69
 Naphthalene
 Concen: 0.896 ug/L
 RT: 14.11 min Scan# 3971
 Delta R.T. -0.00 min
 Lab File: VU035521.D
 Acq: 26 Oct 2019 16:21

Tgt Ion: 128 Resp: 6576
 Ion Ratio Lower Upper
 128 100
 127 14.4 10.3 15.5
 129 11.0 8.4 12.6

