

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120319\
 Data File : VU035952.D
 Acq On : 03 Dec 2019 17:08
 Operator : JC/SP
 Sample : K6061-11
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK02

Quant Time: Dec 04 03:39:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Dec 04 03:35:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	346154	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	369284	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	123448	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	176733	4.48	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.60%
7) Chloroethane-d5	1.93	69	143887	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.00%
11) 1,1-Dichloroethene-d2	2.59	63	192872	3.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.00%
20) 2-Butanone-d5	4.70	46	325128	46.53	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.06%
24) Chloroform-d	5.11	84	245929	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.80%
26) 1,2-Dichloroethane-d4	5.75	65	132624	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
32) Benzene-d6	5.77	84	490432	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
36) 1,2-Dichloropropane-d6	6.73	67	158485	4.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.60%
41) Toluene-d8	7.93	98	404375	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.40%
43) trans-1,3-Dichloropropene-	8.21	79	60766	4.25	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.00%
46) 2-Hexanone-d5	8.68	63	237411	42.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.40%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	128124	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	125021	4.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.00%

Target Compounds

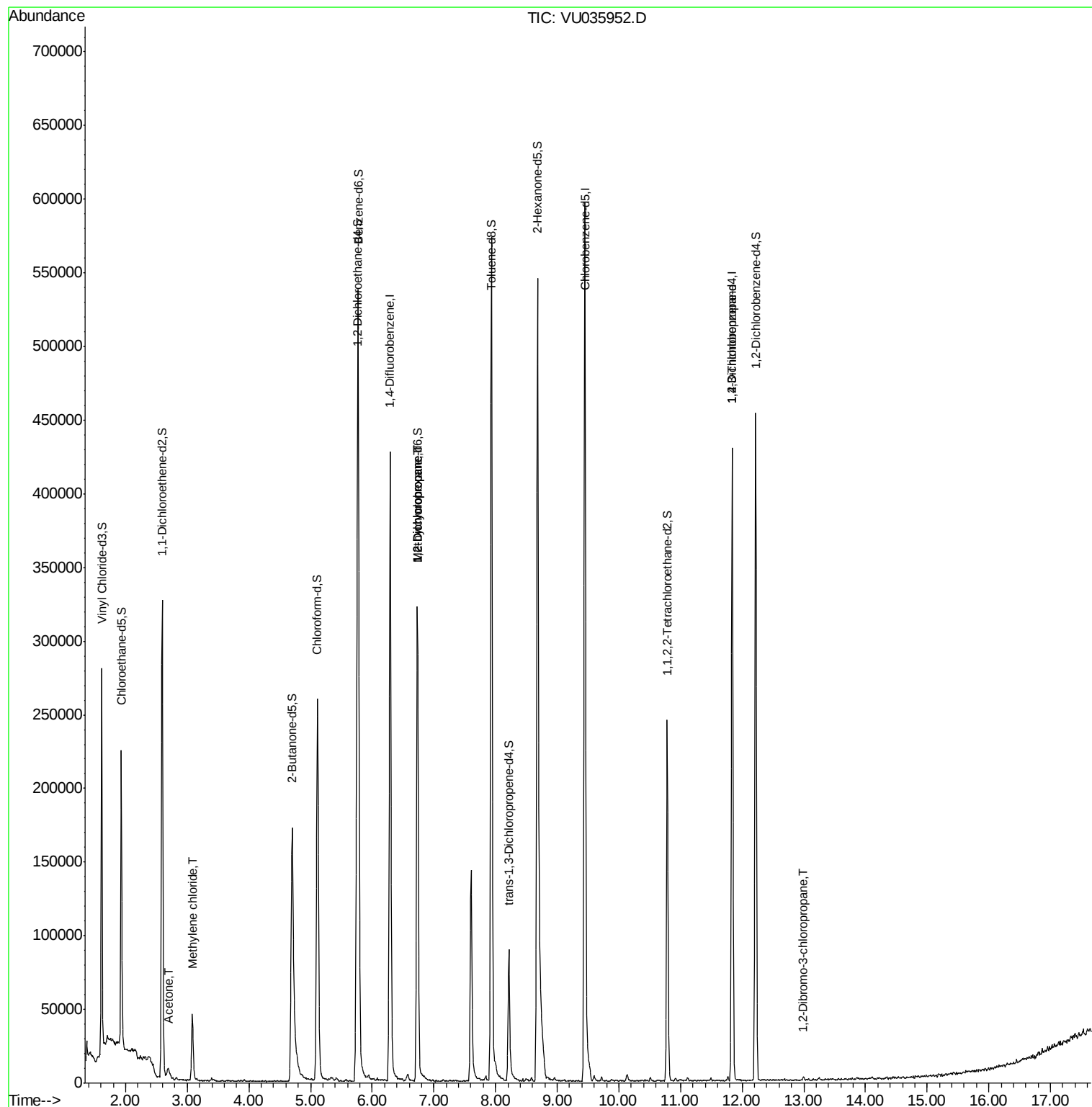
					Ovalue
13) Acetone	2.69	43	9314	1.474 ug/L	91
16) Methylene chloride	3.08	84	22875	0.595 ug/L	97
35) Methylcyclohexane	6.73	83	37002	0.840 ug/L #	17
37) 1,2-Dichloropropane	6.73	63	17066	0.543 ug/L #	88
59) 1,2,3-Trichloropropane	11.84	75	15116	0.740 ug/L	91
66) 1,2-Dibromo-3-chloropropan	12.99	75	529	0.173 ug/L #	8

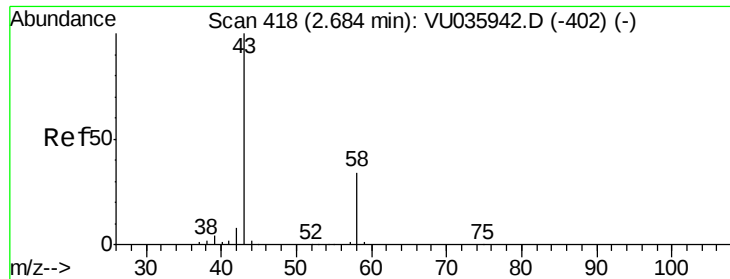
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.474 ug/L

RT: 2.69 min Scan# 420

Delta R.T. 0.01 min

Lab File: VU035952.D

Acq: 03 Dec 2019 17:08

Instrument :

MSVOA_U

ClientSampleId :

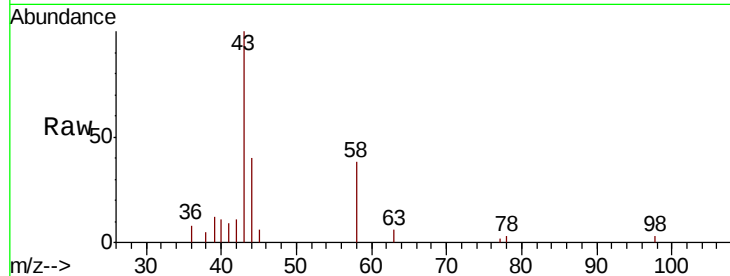
VHBLK02

Tot Ion: 43 Resp: 9314

Ion Ratio Lower Upper

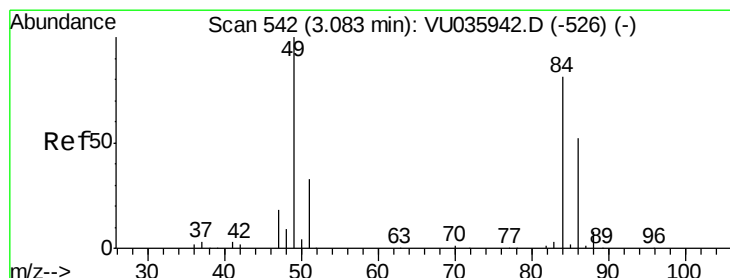
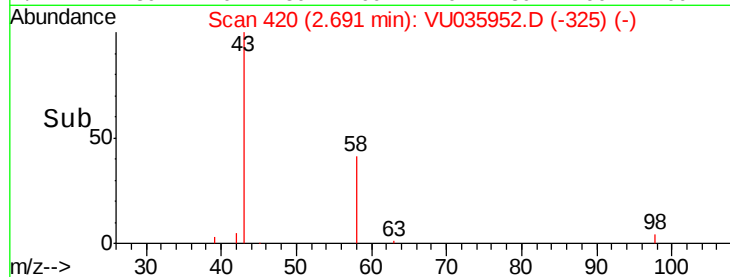
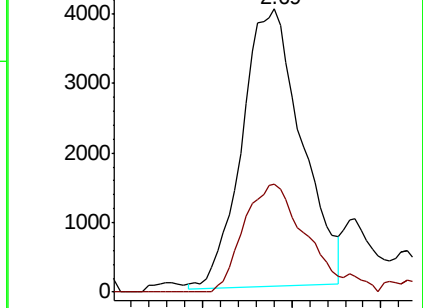
43 100

58 39.5 0.0 68.6



Abundance Ion 43.05 (42.75 to 43.75): VU035952.D (-402) (-)

Ion 58.05 (57.75 to 58.75): VU035952.D (-402) (-)



#16

Methylene chloride

Concen: 0.595 ug/L

RT: 3.08 min Scan# 542

Delta R.T. 0.00 min

Lab File: VU035952.D

Acq: 03 Dec 2019 17:08

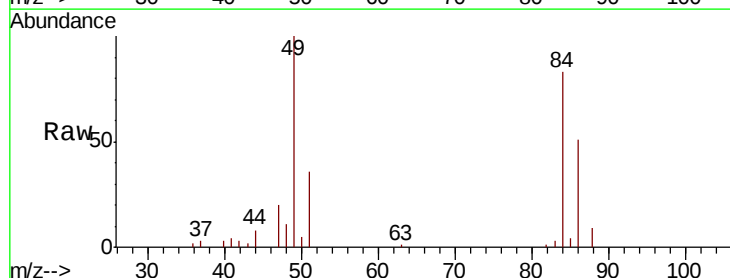
Tgt Ion: 84 Resp: 22875

Ion Ratio Lower Upper

84 100

86 61.2 44.7 82.9

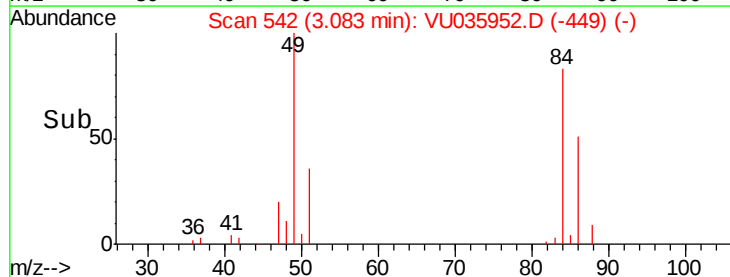
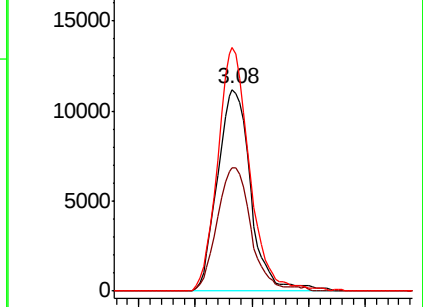
49 120.9 86.2 160.2

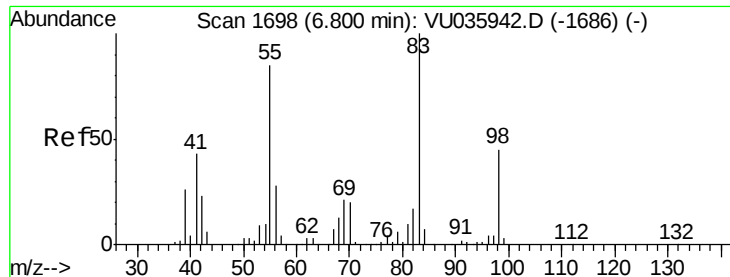


Abundance Ion 84.05 (83.75 to 84.75): VU035952.D (-526) (-)

Ion 86.00 (85.70 to 86.70): VU035952.D (-526) (-)

Ion 49.10 (48.80 to 49.80): VU035952.D (-526) (-)

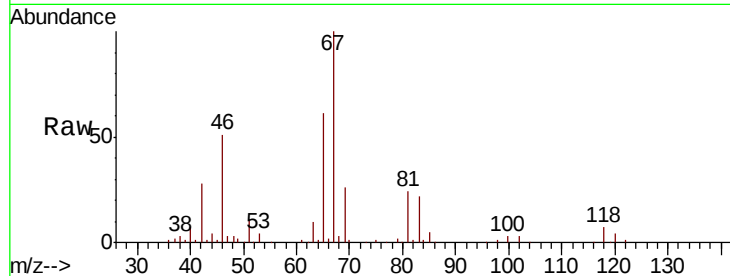




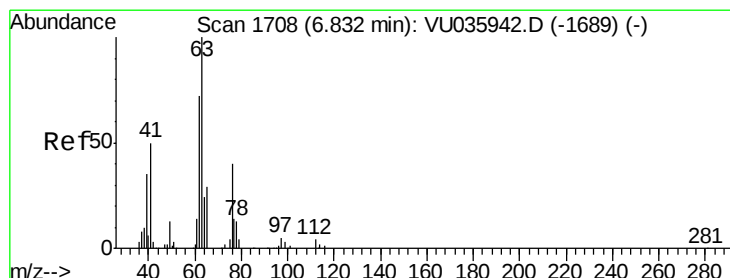
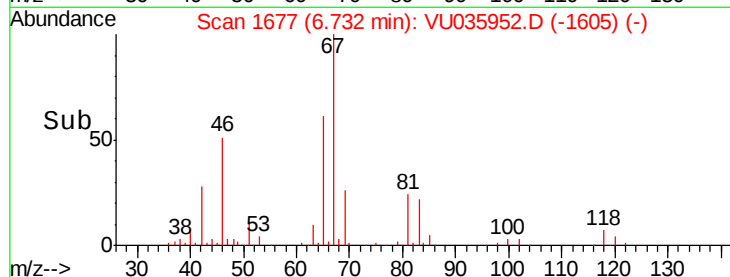
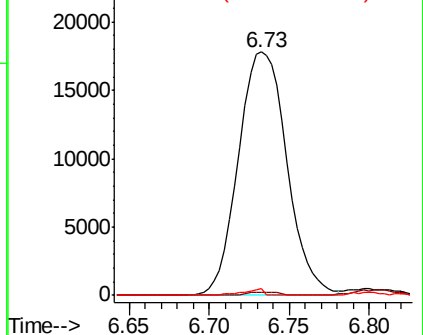
#35
Methylcyclohexane
Concen: 0.840 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU035952.D
Acq: 03 Dec 2019 17:08

Instrument :
MSVOA_U
ClientSampleId :
VHBLK02

Tot Ion: 83 Resp: 37002
Ion Ratio Lower Upper
83 100
55 0.8 67.4 101.0#
98 1.1 34.6 52.0#

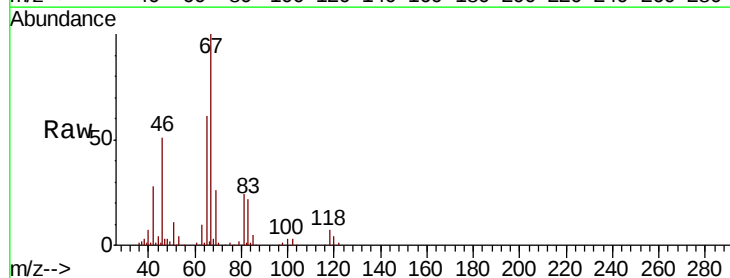


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

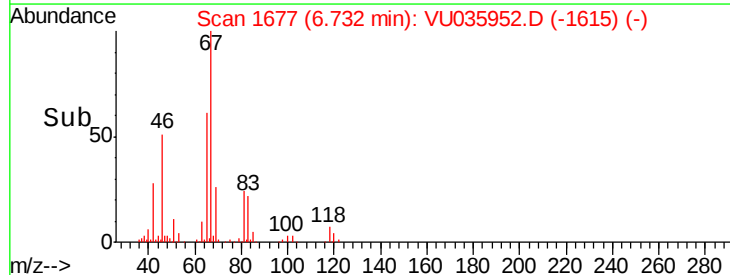
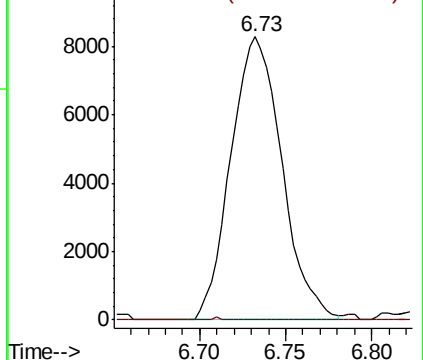


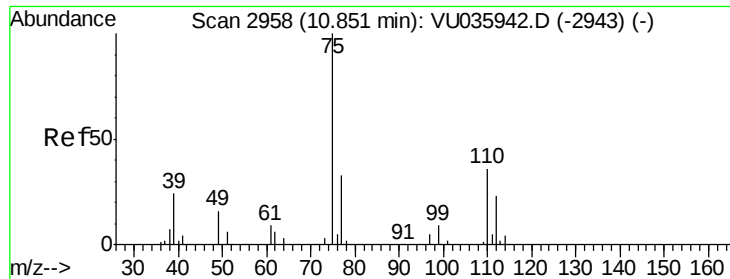
#37
1,2-Dichloropropane
Concen: 0.543 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU035952.D
Acq: 03 Dec 2019 17:08

Tgt Ion: 63 Resp: 17066
Ion Ratio Lower Upper
63 100
112 0.1 3.3 4.9#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

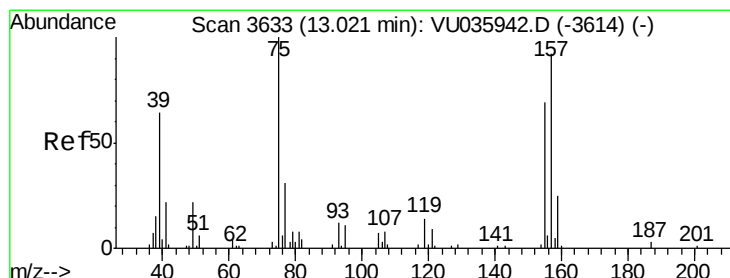
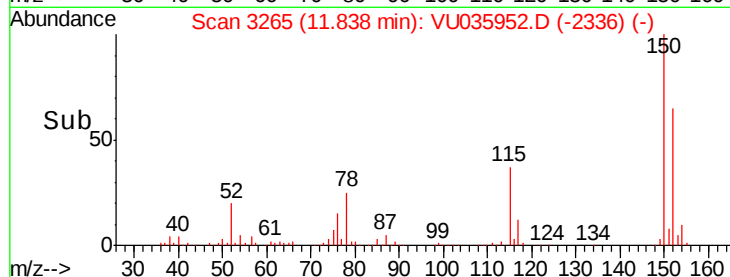
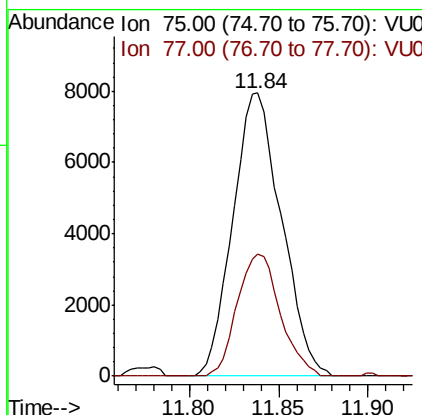
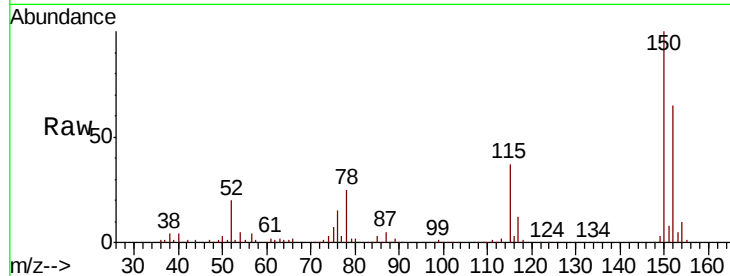




#59
 1,2,3-Trichloropropane
 Concen: 0.740 ug/L
 RT: 11.84 min Scan# 3265
 Delta R.T. 0.99 min
 Lab File: VU035952.D
 Acq: 03 Dec 2019 17:08

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK02

Tot Ion: 75 Resp: 15116
 Ion Ratio Lower Upper
 75 100
 77 38.2 26.6 39.8



#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.173 ug/L
 RT: 12.99 min Scan# 3624
 Delta R.T. -0.03 min
 Lab File: VU035952.D
 Acq: 03 Dec 2019 17:08

Tgt Ion: 75 Resp: 529
 Ion Ratio Lower Upper
 75 100
 155 0.0 55.1 82.7#
 157 0.0 74.0 111.0#

