

Data File : VU035984.D
Acq On : 04 Dec 2019 20:40
Operator : JC/SP
Sample : K6132-11 200X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFQR4

Quant Time: Dec 05 04:00:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 05 03:54:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	282569	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	317701	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	99991	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	134134	4.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.40%
7) Chloroethane-d5	1.93	69	114490	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.60%
11) 1,1-Dichloroethene-d2	2.59	63	147965	3.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.00%
20) 2-Butanone-d5	4.70	46	272497	47.77	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.54%
24) Chloroform-d	5.11	84	208847	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.75	65	112129	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
32) Benzene-d6	5.77	84	402129	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.40%
36) 1,2-Dichloropropane-d6	6.73	67	130179	4.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.60%
41) Toluene-d8	7.93	98	315518	3.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.80%
43) trans-1,3-Dichloropropene-	8.22	79	47059	3.83	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.60%
46) 2-Hexanone-d5	8.68	63	196878	40.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.36%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	112788	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	102321	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

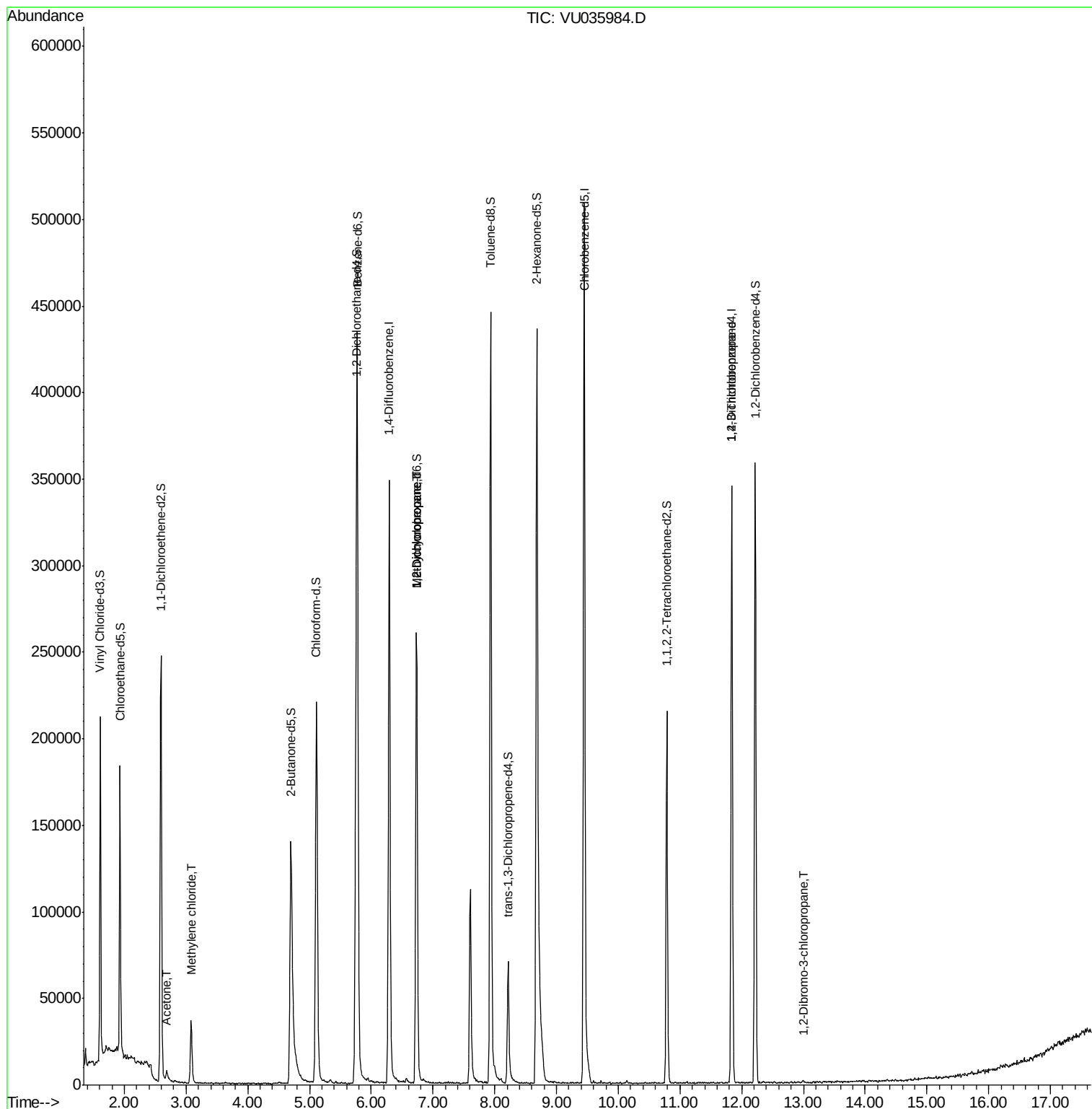
					Qvalue
13) Acetone	2.68	43	8270	1.604 ug/L	95
16) Methylene chloride	3.09	84	18221	0.581 ug/L	99
35) Methylcyclohexane	6.73	83	30778	0.812 ug/L #	16
37) 1,2-Dichloropropane	6.74	63	13938	0.515 ug/L #	89
59) 1,2,3-Trichloropropane	11.84	75	11149	0.634 ug/L #	87
66) 1,2-Dibromo-3-chloropropan	12.99	75	370	0.149 ug/L #	8

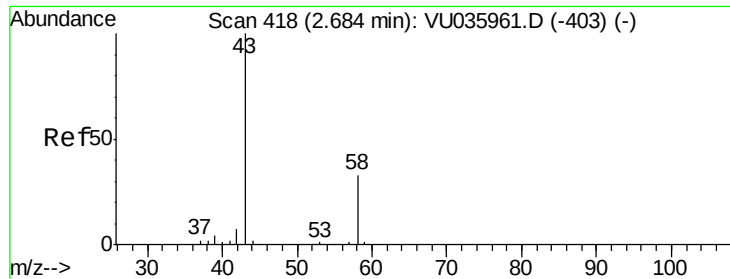
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.604 ug/L

RT: 2.68 min Scan# 418

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

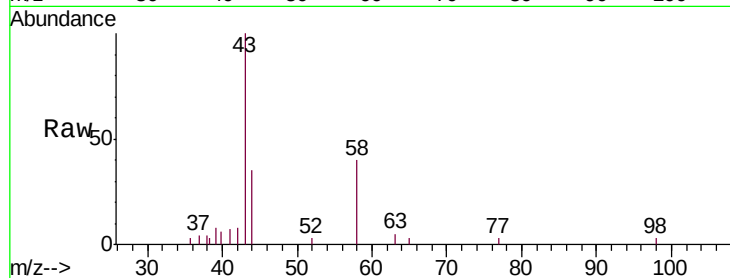
BFQR4

Tgt Ion: 43 Resp: 8270

Ion Ratio Lower Upper

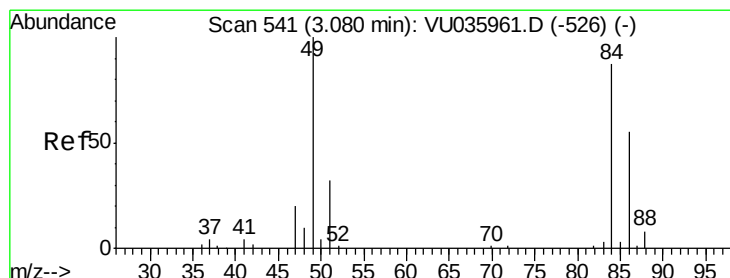
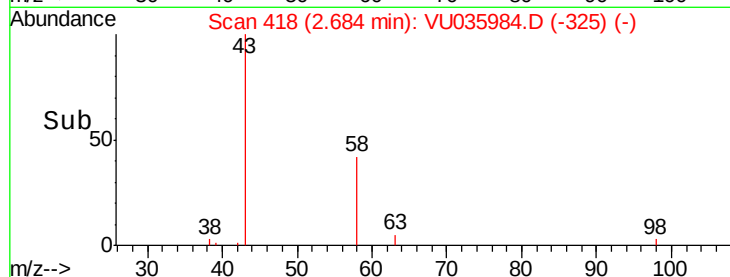
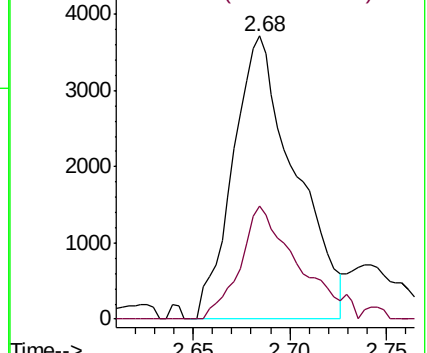
43 100

58 37.3 0.0 68.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#16

Methylene chloride

Concen: 0.581 ug/L

RT: 3.09 min Scan# 543

Delta R.T. 0.01 min

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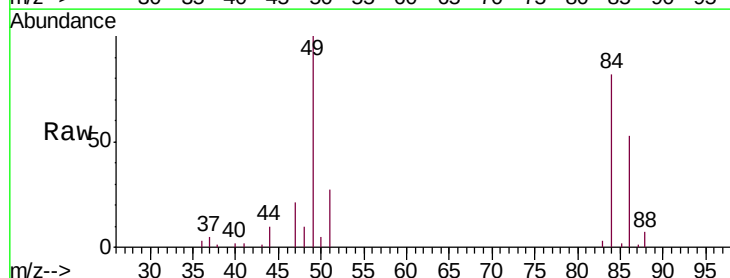
Tgt Ion: 84 Resp: 18221

Ion Ratio Lower Upper

84 100

86 64.1 44.7 82.9

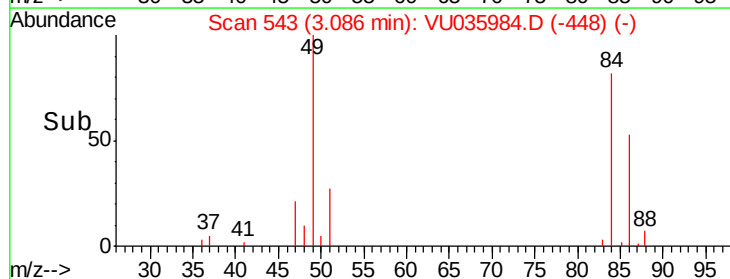
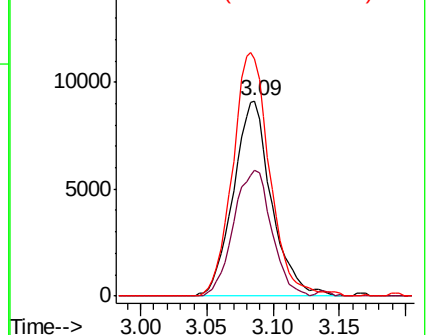
49 121.6 86.2 160.2

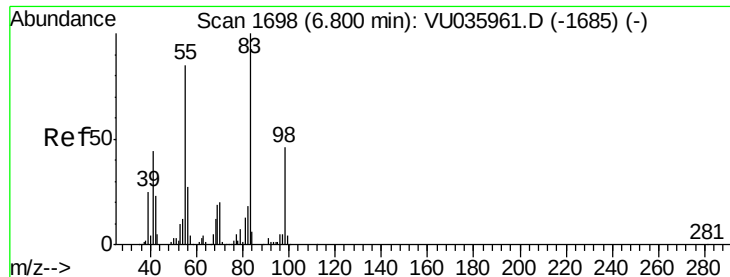


Abundance Ion 84.05 (83.75 to 84.75): VU0

Ion 86.00 (85.70 to 86.70): VU0

Ion 49.10 (48.80 to 49.80): VU0

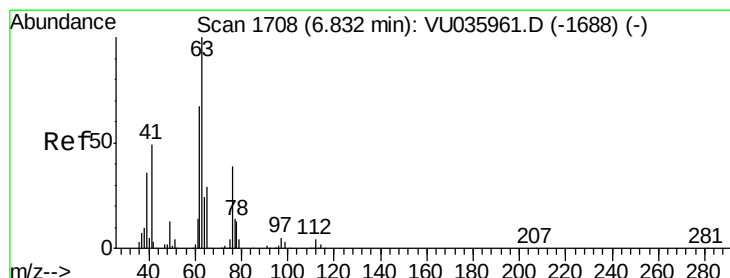
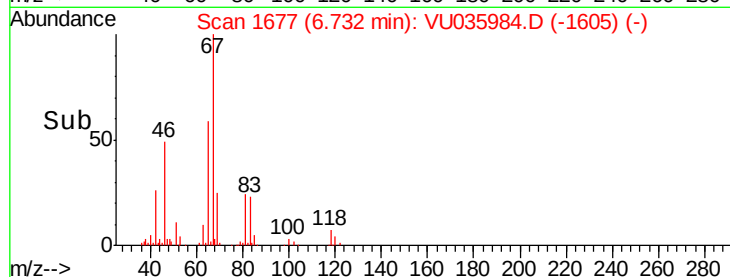
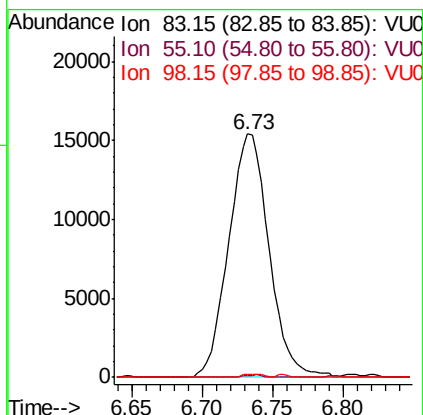
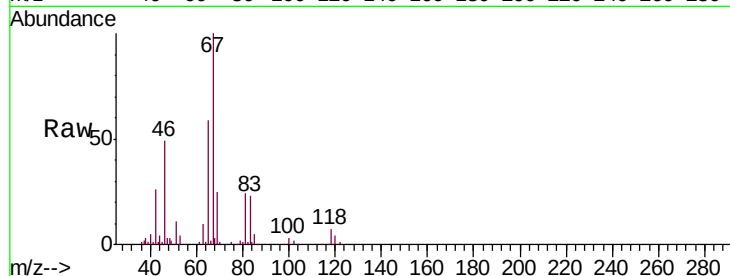




#35
Methylcyclohexane
Concen: 0.812 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU035984.D
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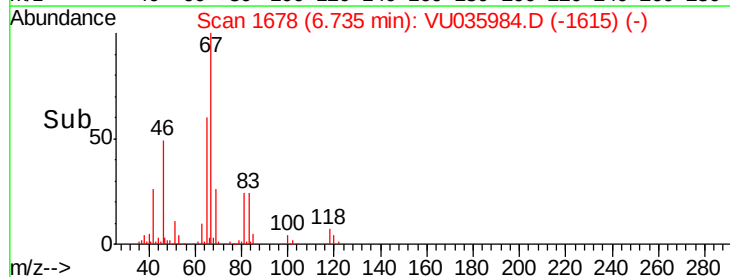
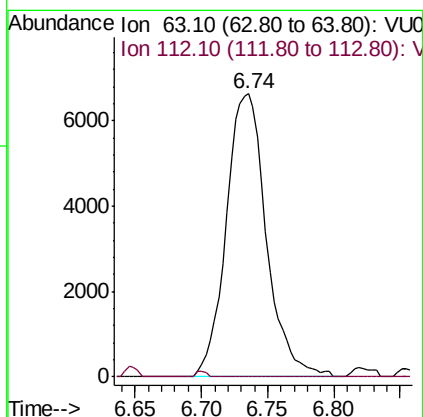
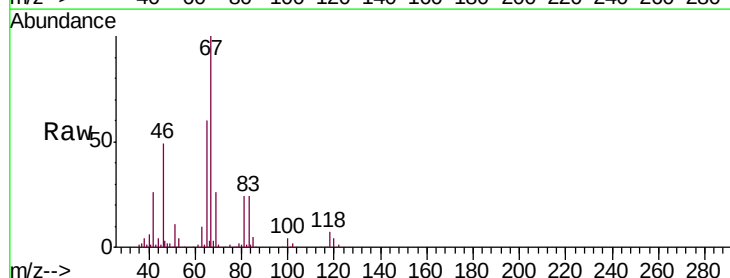
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BFQR4

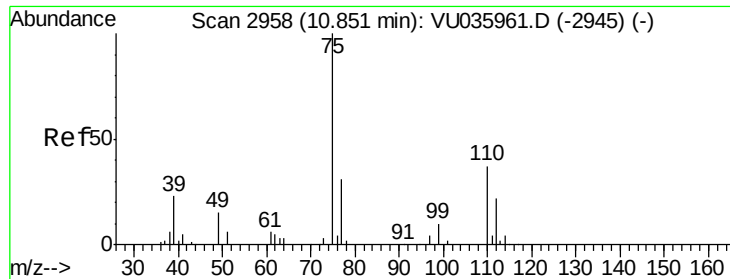
Tgt Ion: 83 Resp: 30778
Ion Ratio Lower Upper
83 100
55 0.4 67.4 101.0#
98 0.6 34.6 52.0#



#37
1,2-Dichloropropane
Concen: 0.515 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.10 min
Lab File: VU035984.D
Acq: 04 Dec 2019 20:40

Tgt Ion: 63 Resp: 13938
Ion Ratio Lower Upper
63 100
112 0.5 3.3 4.9#





#59

1,2,3-Trichloropropane

Concen: 0.634 ug/L

RT: 11.84 min Scan# 3265

Delta R.T. 0.99 min

Lab File: VU035984.D

Acq: 04 Dec 2019 20:40

Instrument :

MSVOA_U

ClientSampleId :

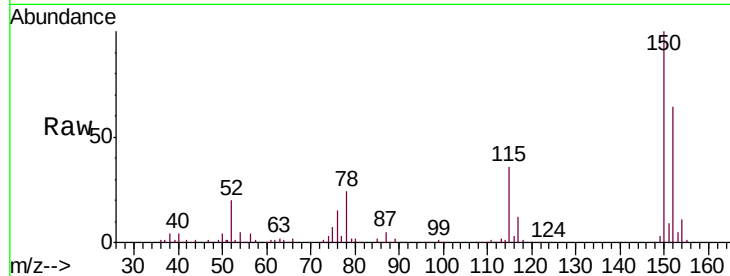
BFQR4

Tgt Ion: 75 Resp: 11149

Ion Ratio Lower Upper

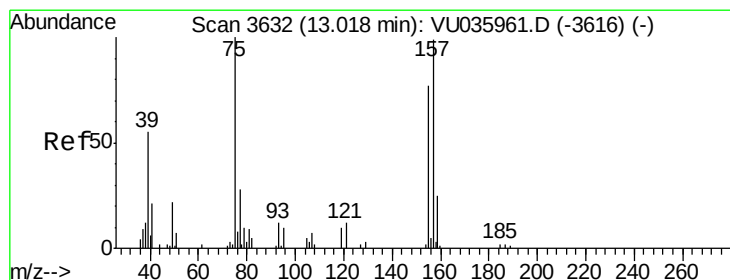
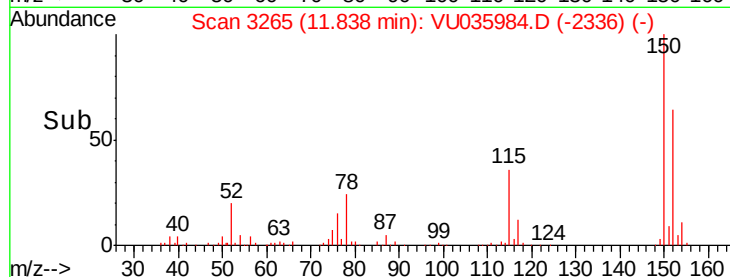
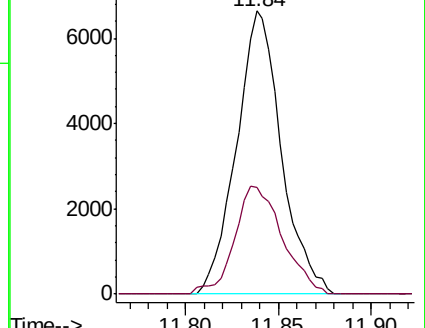
75 100

77 40.6 26.6 39.8#



Abundance Ion 75.00 (74.70 to 75.70): VU035984.D (-2336) (-)

Ion 77.00 (76.70 to 77.70): VU035984.D (-2336) (-)



#66

1,2-Dibromo-3-chloropropane

Concen: 0.149 ug/L

RT: 12.99 min Scan# 3624

Delta R.T. -0.03 min

Lab File: VU035984.D

Acq: 04 Dec 2019 20:40

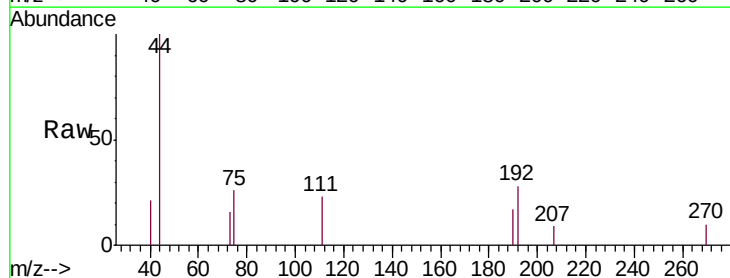
Tgt Ion: 75 Resp: 370

Ion Ratio Lower Upper

75 100

155 0.0 55.1 82.7#

157 0.0 74.0 111.0#



Abundance Ion 75.05 (74.75 to 75.75): VU035984.D (-3539) (-)

Ion 154.95 (154.65 to 155.65): VU035984.D (-3539) (-)

Ion 156.90 (156.60 to 157.60): VU035984.D (-3539) (-)

