

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U120319\
 Data File : VU035950.D
 Acq On : 03 Dec 2019 16:19
 Operator : JC/SP
 Sample : K6105-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFE21

Quant Time: Dec 04 03:39:03 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	736546	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	742151	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	275817	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	467898	5.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.40%
7) Chloroethane-d5	1.93	69	382823	5.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.80%
11) 1,1-Dichloroethene-d2	2.59	63	512921	4.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.00%
20) 2-Butanone-d5	4.69	46	877874	59.04	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.08%
24) Chloroform-d	5.11	84	642050	5.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.40%
26) 1,2-Dichloroethane-d4	5.75	65	338212	5.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.80%
32) Benzene-d6	5.77	84	1321980	6.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	120.20%
36) 1,2-Dichloropropane-d6	6.73	67	421419	5.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	118.40%
41) Toluene-d8	7.93	98	1156055	5.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.20%
43) trans-1,3-Dichloropropene-	8.21	79	167212	5.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	116.40%
46) 2-Hexanone-d5	8.68	63	743412	65.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	131.52%#
57) 1,1,2,2-Tetrachloroethane-	10.78	84	329671	5.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	361369	6.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	126.80%#

Target Compounds

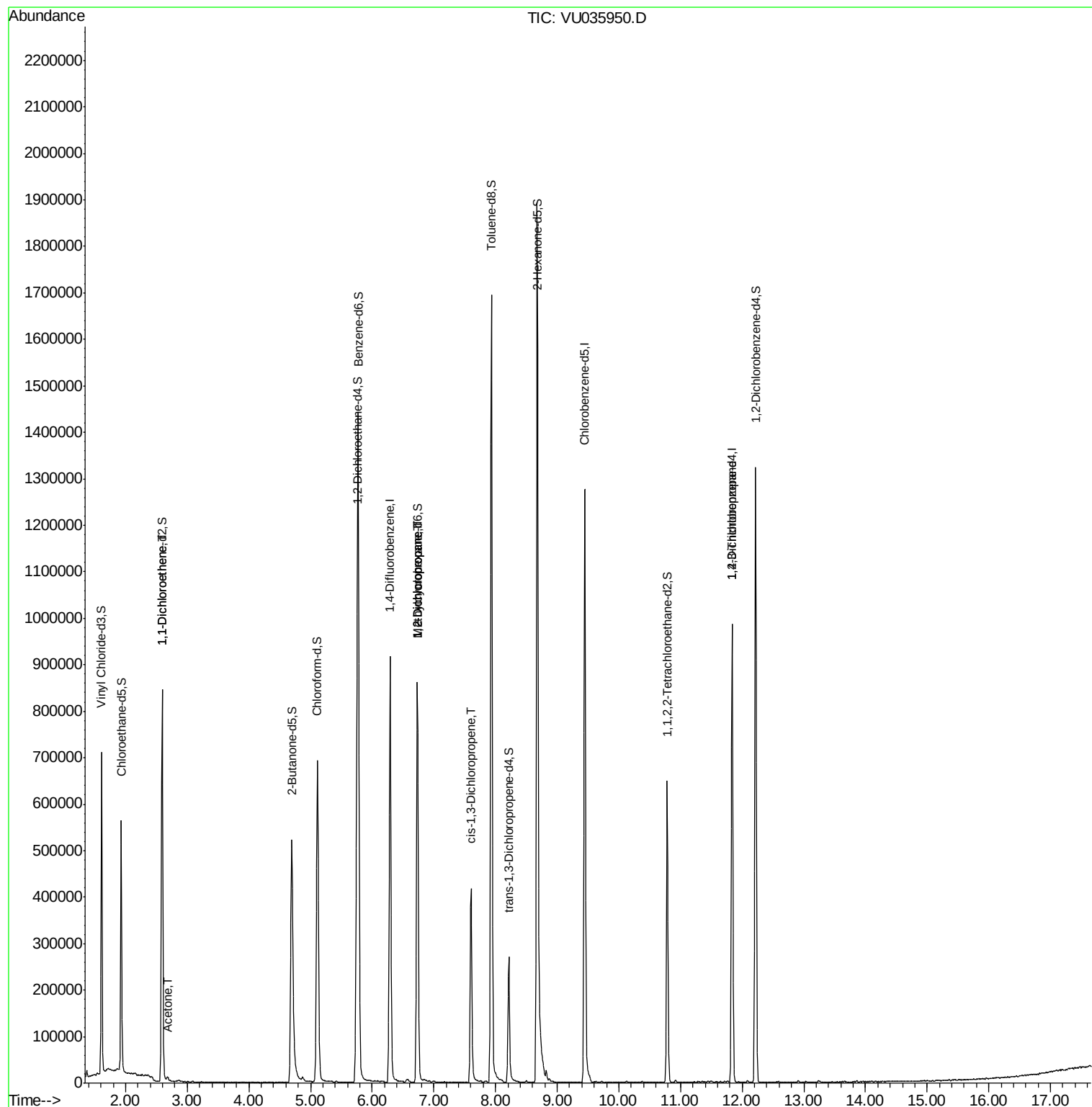
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.59	96	3803	0.072	ug/L #	1
13) Acetone	2.69	43	13002	0.967	ug/L	98
35) Methylcyclohexane	6.73	83	94898	1.072	ug/L #	17
37) 1,2-Dichloropropane	6.73	63	43265	0.685	ug/L #	88
39) cis-1,3-Dichloropropene	7.60	75	10214	0.122	ug/L #	42
59) 1,2,3-Trichloropropane	11.84	75	31964	0.778	ug/L #	87

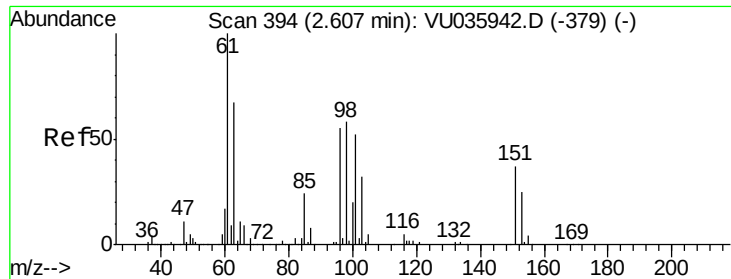
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 04 03:39:03 2019
Quant Method : Z:\V0ASRV\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





#12

1,1-Dichloroethene

Concen: 0.072 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU035950.D

Acq: 03 Dec 2019 16:19

Instrument :

MSVOA_U

ClientSampleId :

BFE21

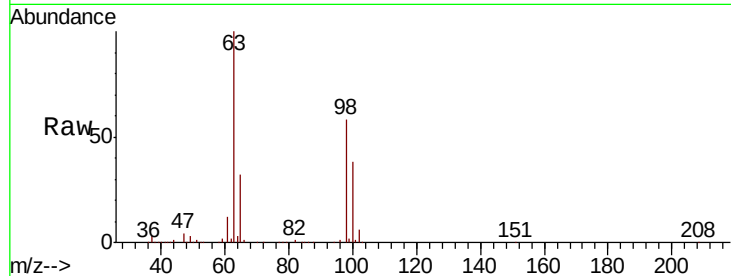
Tot Ion: 96 Resp: 3803

Ion Ratio Lower Upper

96 100

61 1650.9 127.1 236.1#

63 13581.2 86.0 159.8#

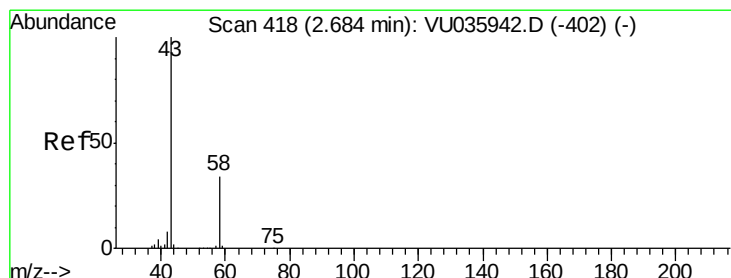
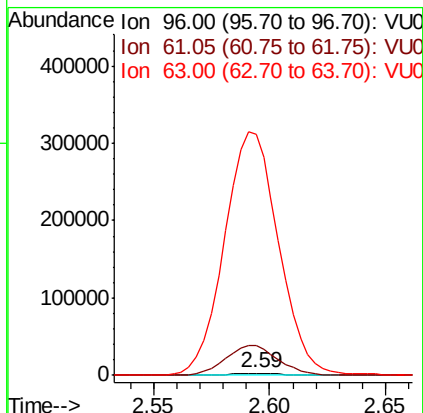
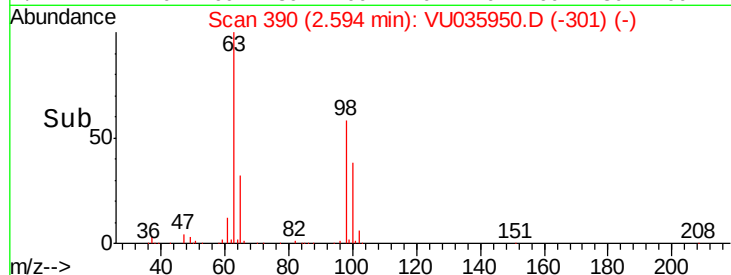


Abundance Ion 96.00 (95.70 to 96.70): VU035942.D (-379) (-)

Ion 61.05 (60.75 to 61.75): VU035942.D (-379) (-)

Ion 63.00 (62.70 to 63.70): VU035942.D (-379) (-)

Time-->



#13

Acetone

Concen: 0.967 ug/L

RT: 2.69 min Scan# 419

Delta R.T. 0.00 min

Lab File: VU035950.D

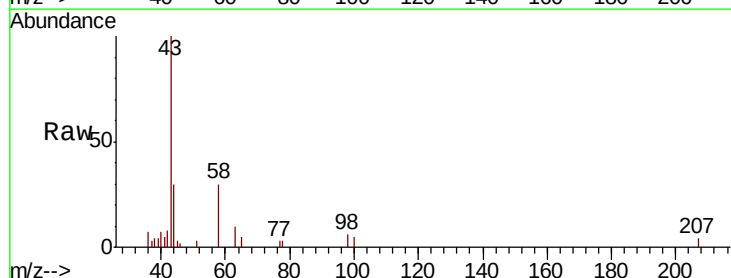
Acq: 03 Dec 2019 16:19

Tgt Ion: 43 Resp: 13002

Ion Ratio Lower Upper

43 100

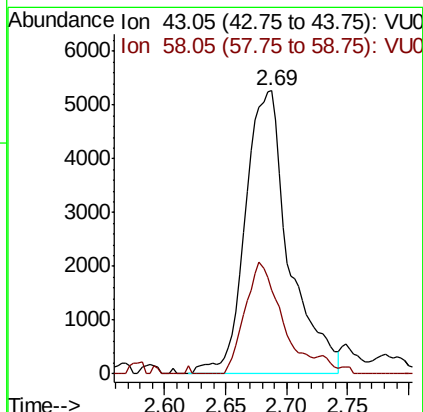
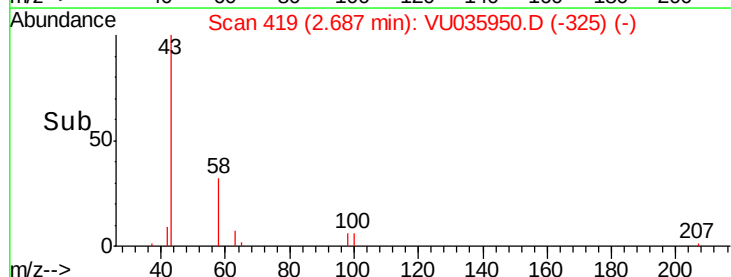
58 33.0 0.0 68.6

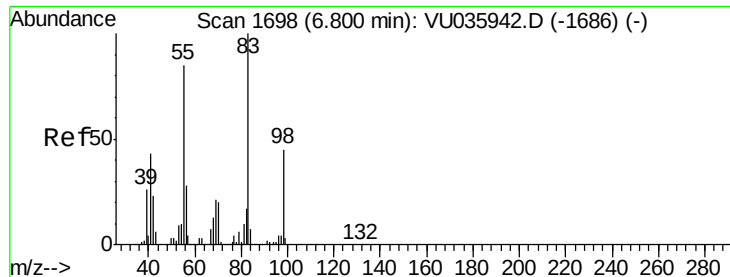


Abundance Ion 43.05 (42.75 to 43.75): VU035942.D (-402) (-)

Ion 58.05 (57.75 to 58.75): VU035942.D (-402) (-)

Time-->

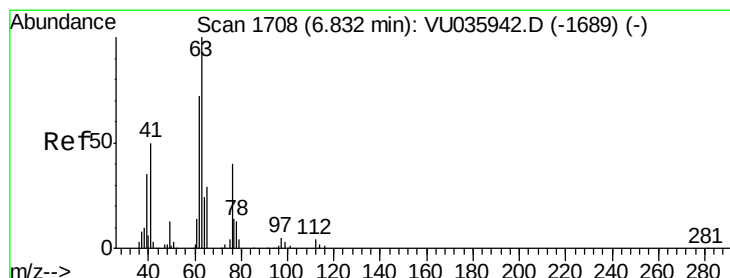
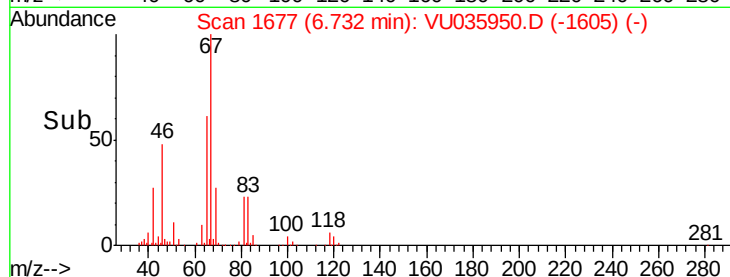
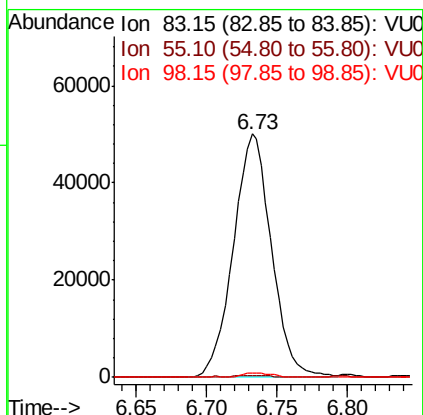
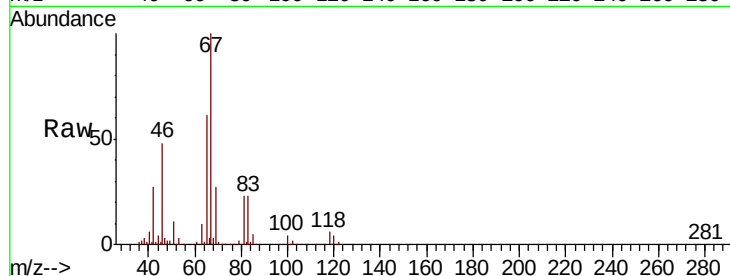




#35
Methylvlcyclohexane
Concen: 1.072 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU035950.D
Acq: 03 Dec 2019 16:19

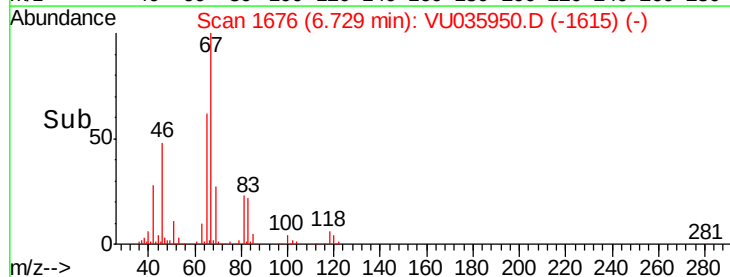
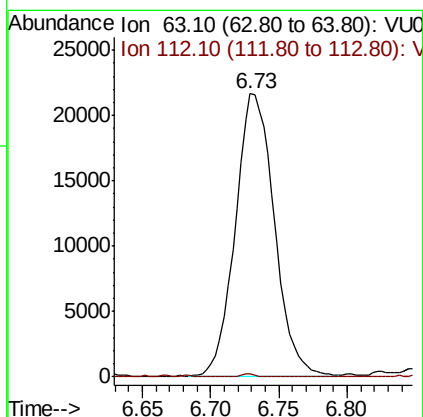
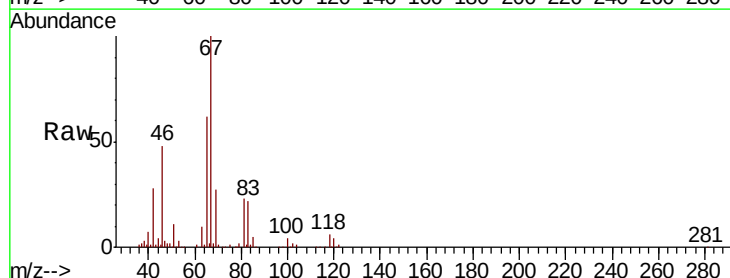
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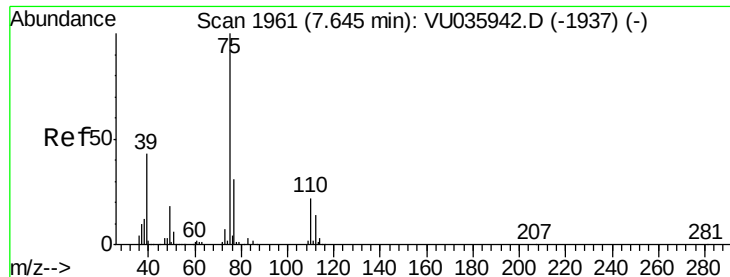
Tot Ion: 83 Resp: 94898
Ion Ratio Lower Upper
83 100
55 0.7 67.4 101.0#
98 1.4 34.6 52.0#



#37
1,2-Dichloropropane
Concen: 0.685 ug/L
RT: 6.73 min Scan# 1676
Delta R.T. -0.10 min
Lab File: VU035950.D
Acq: 03 Dec 2019 16:19

Tgt Ion: 63 Resp: 43265
Ion Ratio Lower Upper
63 100
112 0.3 3.3 4.9#





#39

cis-1,3-Dichloropropene

Concen: 0.122 ug/L

RT: 7.60 min Scan# 1947

Delta R.T. -0.04 min

Lab File: VU035950.D

Acq: 03 Dec 2019 16:19

Instrument :

MSVOA_U

ClientSampleId :

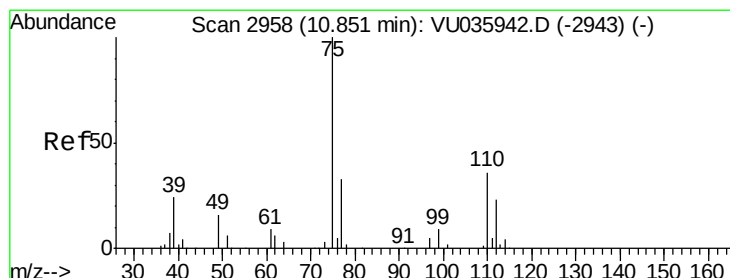
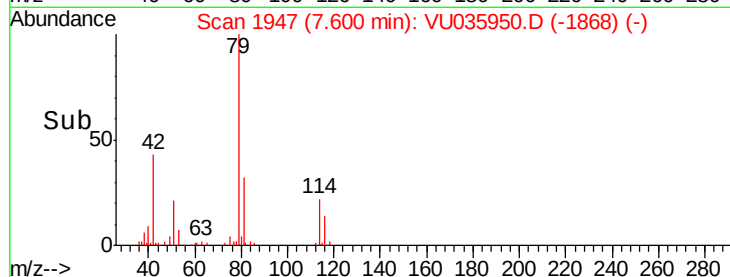
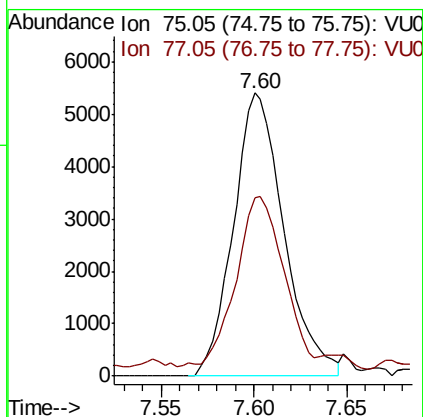
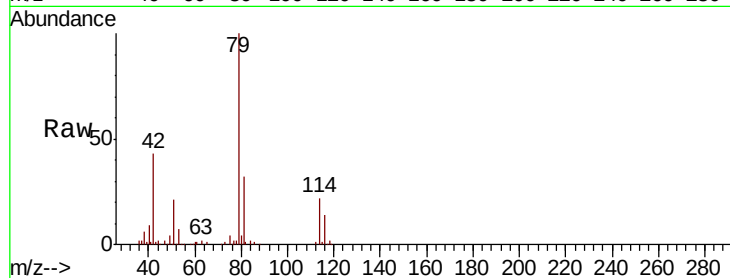
BFE21

Tot Ion: 75 Resp: 10214

Ion Ratio Lower Upper

75 100

77 63.1 21.9 40.7#



#59

1,2,3-Trichloropropane

Concen: 0.778 ug/L

RT: 11.84 min Scan# 3265

Delta R.T. 0.99 min

Lab File: VU035950.D

Acq: 03 Dec 2019 16:19

Tgt Ion: 75 Resp: 31964

Ion Ratio Lower Upper

75 100

77 40.3 26.6 39.8#

