

Data File : VU036070.D
Acq On : 10 Dec 2019 00:38
Operator : JC/MD
Sample : K6168-19 500X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFE52

Quant Time: Dec 10 01:55:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 10 01:47:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	256724	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	273928	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	99603	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	98782	4.32	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.40%
7) Chloroethane-d5	1.93	69	126444	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.20%
11) 1,1-Dichloroethene-d2	2.59	63	157421	3.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.20%
20) 2-Butanone-d5	4.70	46	212425	54.48	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.96%
24) Chloroform-d	5.11	84	166850	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	5.75	65	92738	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
32) Benzene-d6	5.77	84	334193	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.73	67	102923	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	7.93	98	277303	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
43) trans-1,3-Dichloropropene-	8.21	79	39742	4.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.20%
46) 2-Hexanone-d5	8.68	63	167780	53.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.42%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	95025	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	98836	5.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.20%

Target Compounds

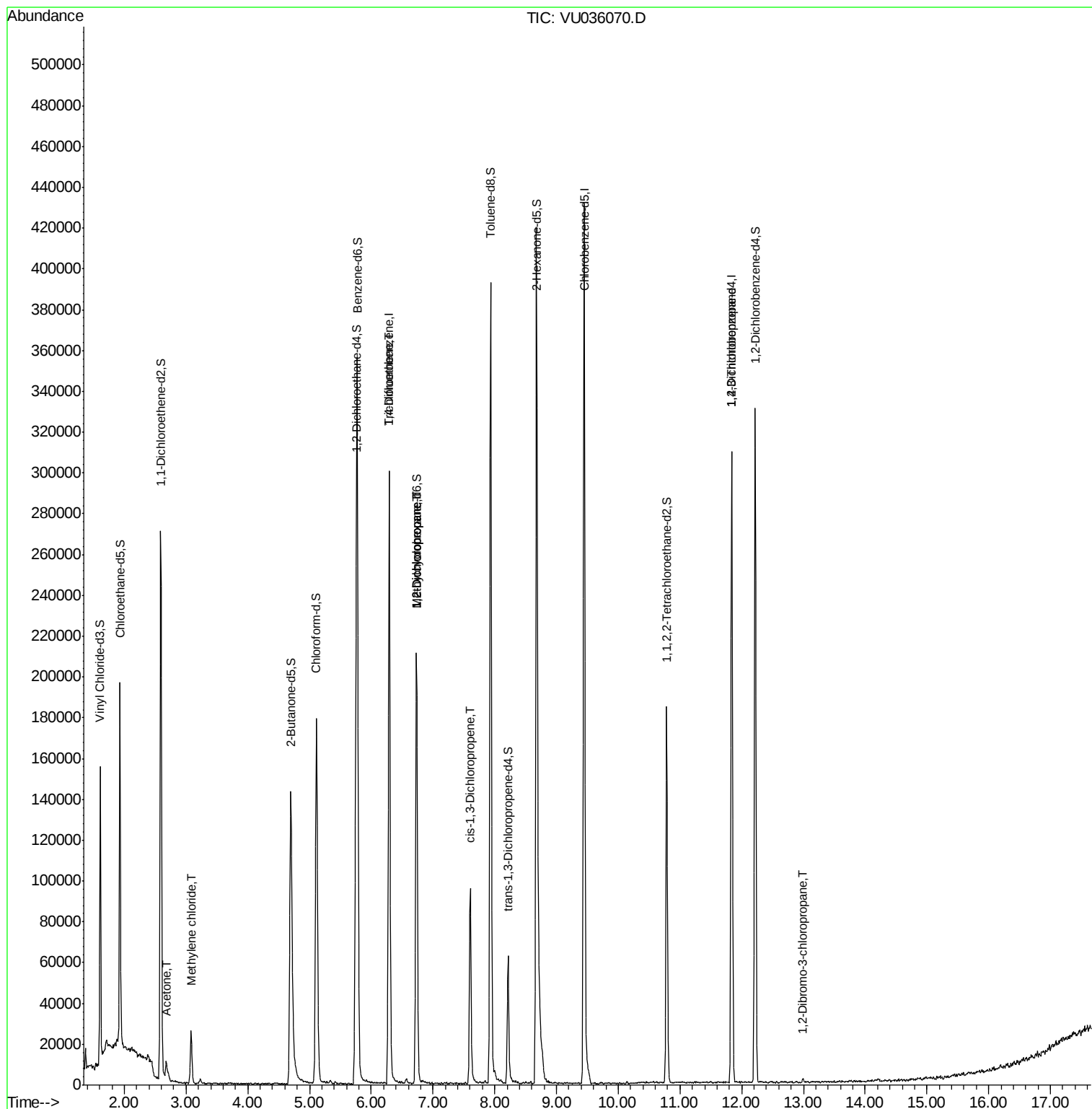
					Qvalue
13) Acetone	2.68	43	12572	2.540 ug/L	90
16) Methylene chloride	3.08	84	12633	0.487 ug/L	96
34) Trichloroethene	6.29	95	4144	0.208 ug/L #	2
35) Methylcyclohexane	6.73	83	24665	0.925 ug/L #	18
37) 1,2-Dichloropropane	6.73	63	10725	0.571 ug/L #	88
39) cis-1,3-Dichloropropene	7.60	75	2552	0.100 ug/L #	58
59) 1,2,3-Trichloropropane	11.83	75	10134	0.755 ug/L	92
66) 1,2-Dibromo-3-chloropropan	12.99	75	371	0.183 ug/L #	1

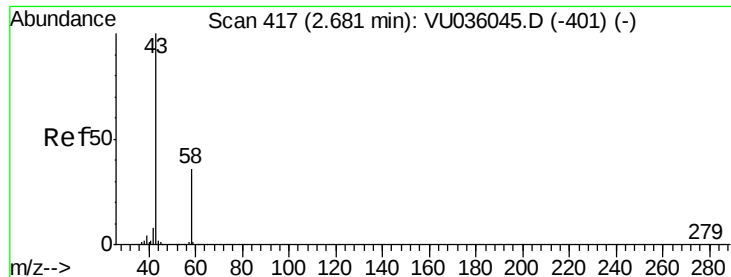
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.540 ug/L

RT: 2.68 min Scan# 416

Delta R.T. -0.00 min

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Acq: 10 Dec 2019 00:38

Instrument :

MSVOA_U

ClientSampleId :

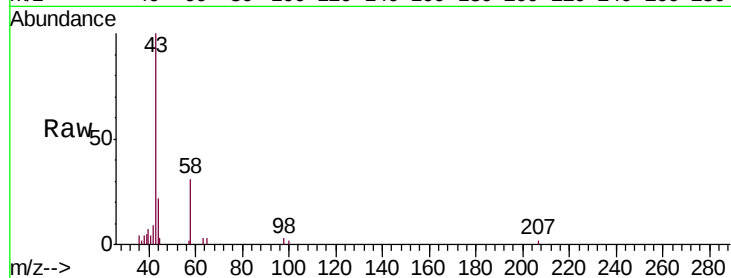
BF52

Tgt Ion: 43 Resp: 12572

Ion Ratio Lower Upper

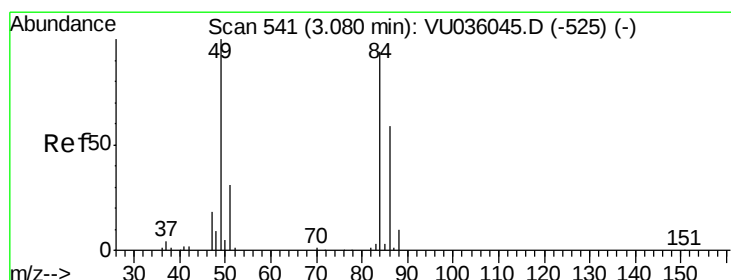
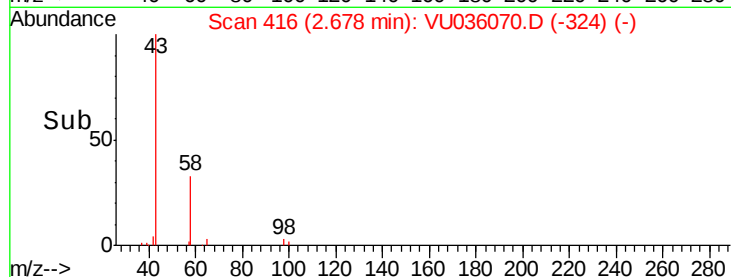
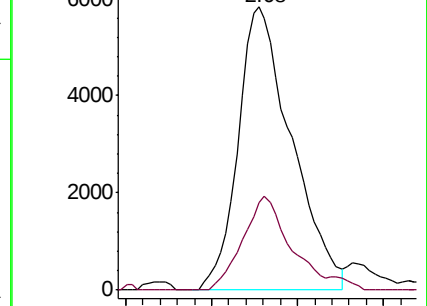
43 100

58 30.9 0.0 74.2



Abundance Ion 43.05 (42.75 to 43.75): VU036070.D (-448) (-)

Ion 58.05 (57.75 to 58.75): VU036070.D (-448) (-)



#16

Methylene chloride

Concen: 0.487 ug/L

RT: 3.08 min Scan# 542

Delta R.T. 0.00 min

Lab File: VU036070.D

Acq: 10 Dec 2019 00:38

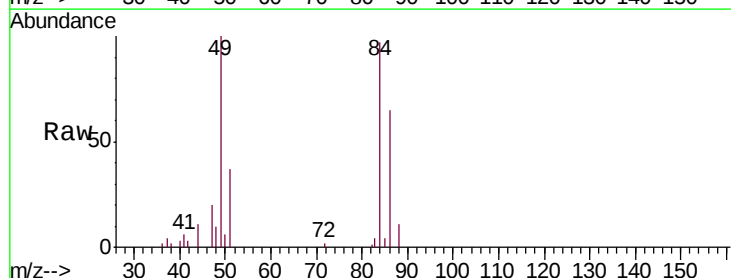
Tgt Ion: 84 Resp: 12633

Ion Ratio Lower Upper

84 100

86 67.1 47.5 88.3

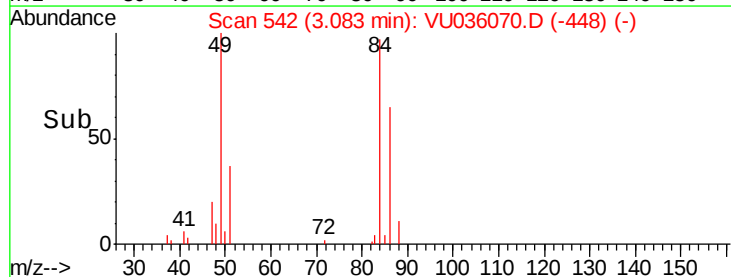
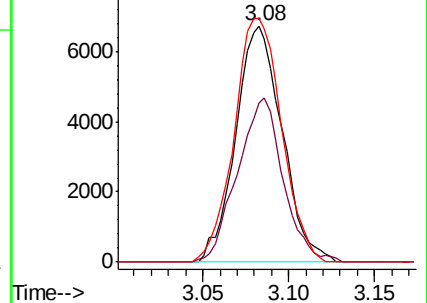
49 102.9 76.9 142.9

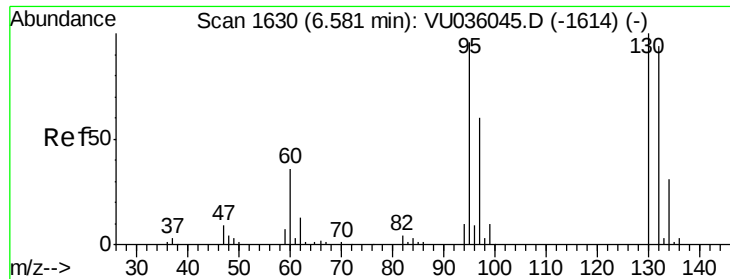


Abundance Ion 84.05 (83.75 to 84.75): VU036070.D (-448) (-)

Ion 86.00 (85.70 to 86.70): VU036070.D (-448) (-)

Ion 49.10 (48.80 to 49.80): VU036070.D (-448) (-)





#34

Trichloroethene

Concen: 0.208 ug/L

RT: 6.29 min Scan# 1540

Delta R.T. -0.29 min

Lab File: VU036070.D

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Instrument :

MSVOA_U

ClientSampleId :

BFE52

Tgt Ion: 95 Resp: 4144

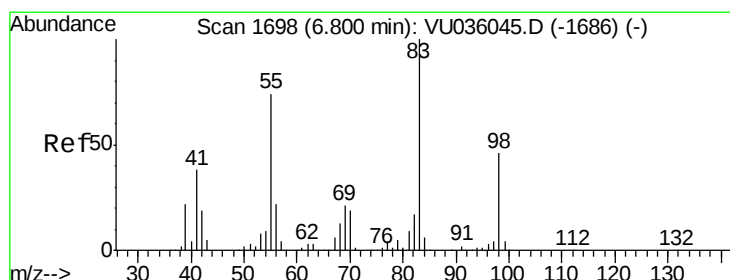
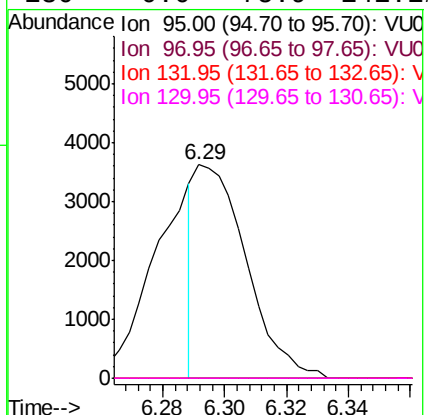
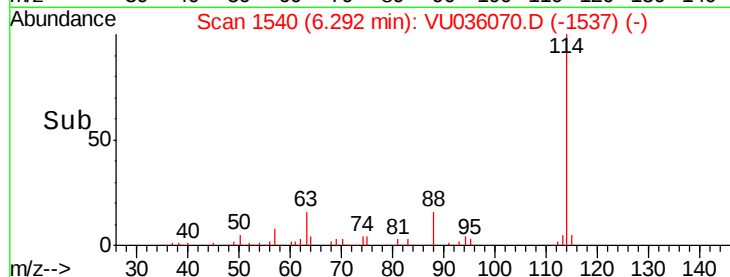
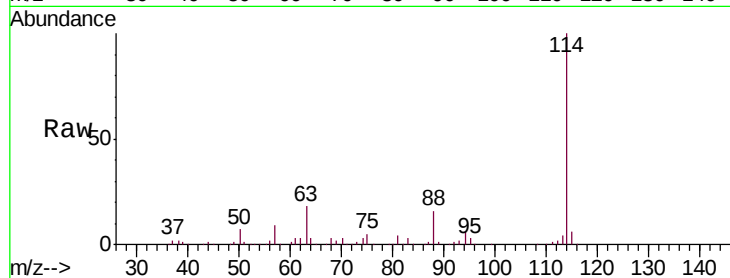
Ion Ratio Lower Upper

95 100

97 0.0 44.4 82.4#

132 0.0 73.4 136.4#

130 0.0 75.9 141.1#



#35

Methylcyclohexane

Concen: 0.925 ug/L

RT: 6.73 min Scan# 1676

Delta R.T. -0.07 min

Lab File: VU036070.D

Acq: 10 Dec 2019 00:38

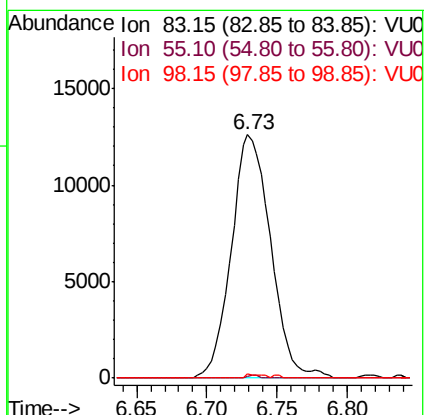
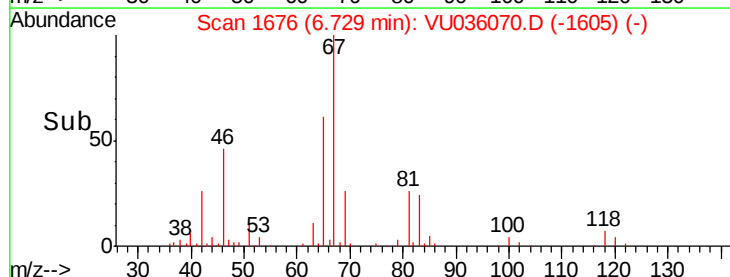
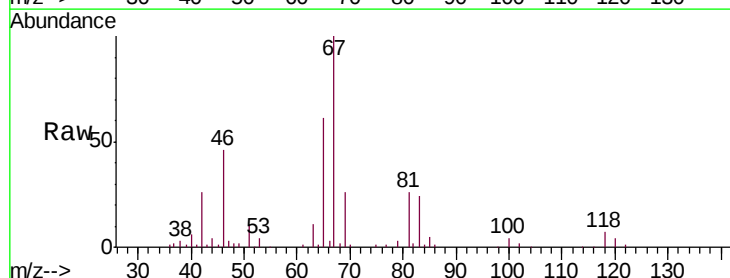
Tgt Ion: 83 Resp: 24665

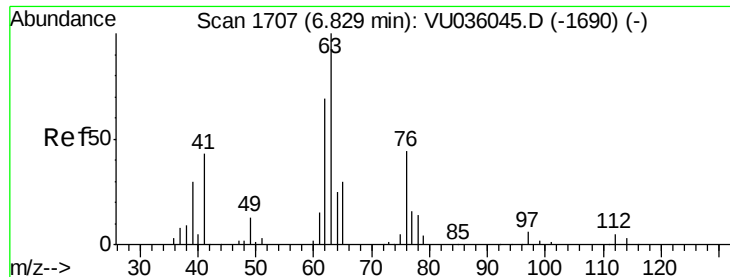
Ion Ratio Lower Upper

83 100

55 0.3 62.1 93.1#

98 0.6 37.0 55.4#

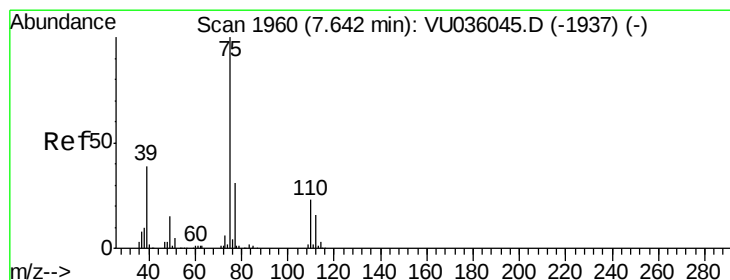
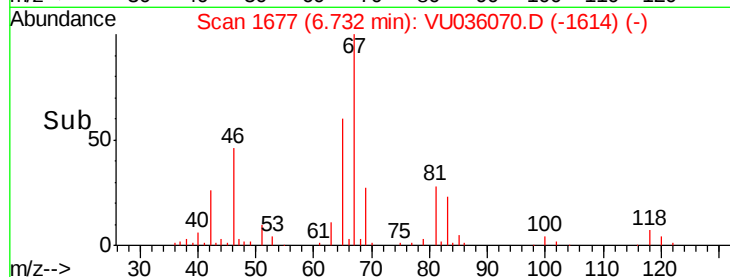
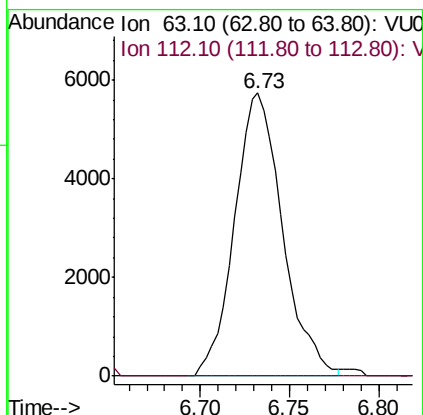
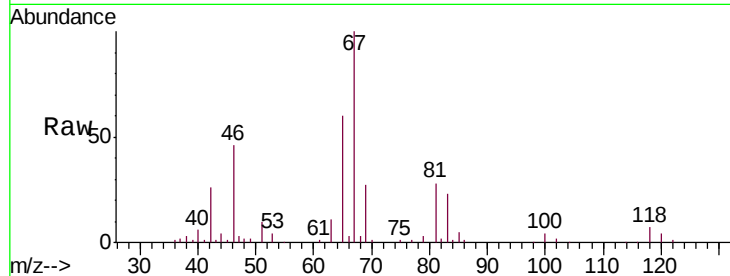




#37
 1,2-Dichloropropane
 Concen: 0.571 ug/L
 RT: 6.73 min Scan# 1677
 Delta R.T. -0.10 min
 Lab File: VU036070.D
 Acq: 10 Dec 2019 00:38

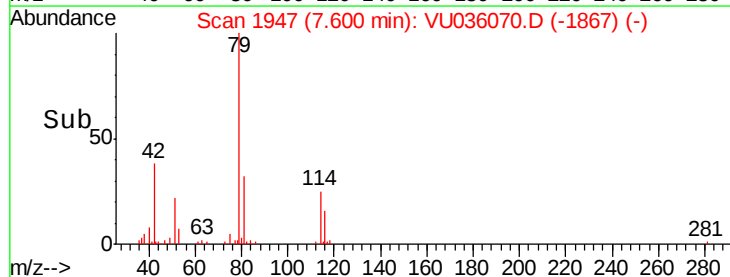
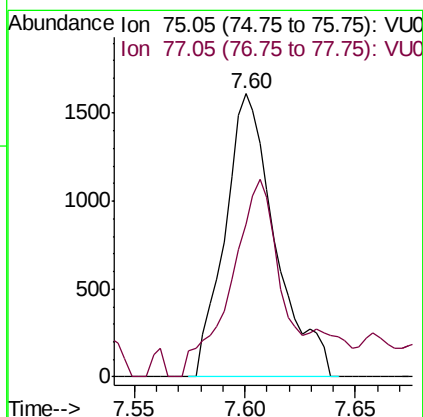
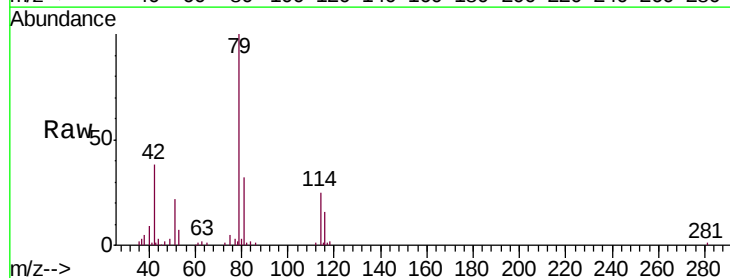
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 BFE52

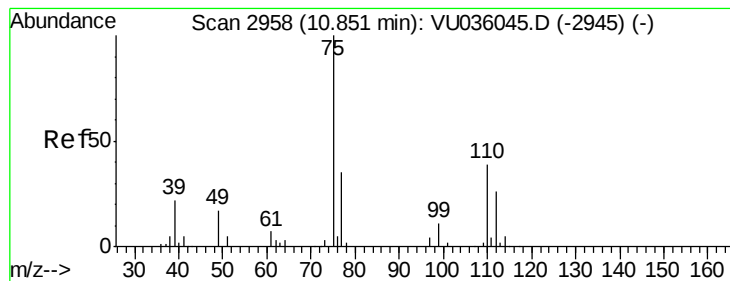
Tgt Ion: 63 Resp: 10725
 Ion Ratio Lower Upper
 63 100
 112 0.9 3.8 5.8#



#39
 cis-1,3-Dichloropropene
 Concen: 0.100 ug/L
 RT: 7.60 min Scan# 1947
 Delta R.T. -0.04 min
 Lab File: VU036070.D
 Acq: 10 Dec 2019 00:38

Tgt Ion: 75 Resp: 2552
 Ion Ratio Lower Upper
 75 100
 77 54.1 21.7 40.3#





#59

1,2,3-Trichloropropane

Concen: 0.755 ug/L

RT: 11.83 min Scan# 3264

Delta R.T. 0.98 min

Lab File: VU036070.D

Acq: 10 Dec 2019 00:38

Instrument :

MSVOA_U

ClientSampleId :

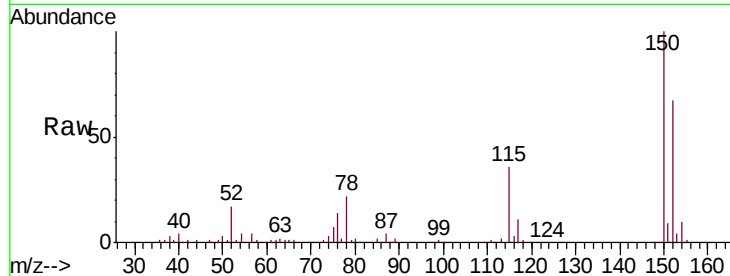
BFES2

Tgt Ion: 75 Resp: 10134

Ion Ratio Lower Upper

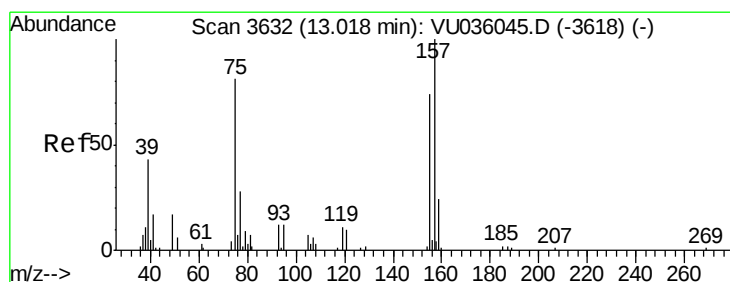
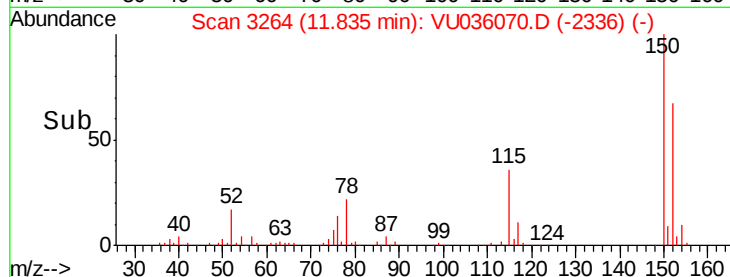
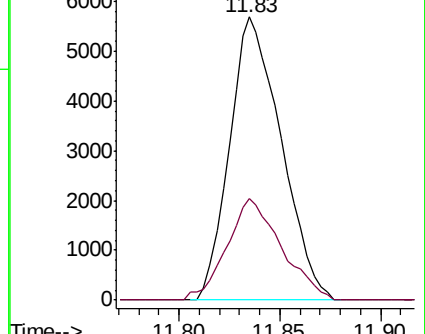
75 100

77 37.9 26.7 40.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#66

1,2-Dibromo-3-chloropropane

Concen: 0.183 ug/L

RT: 12.99 min Scan# 3623

Delta R.T. -0.03 min

Lab File: VU036070.D

Acq: 10 Dec 2019 00:38

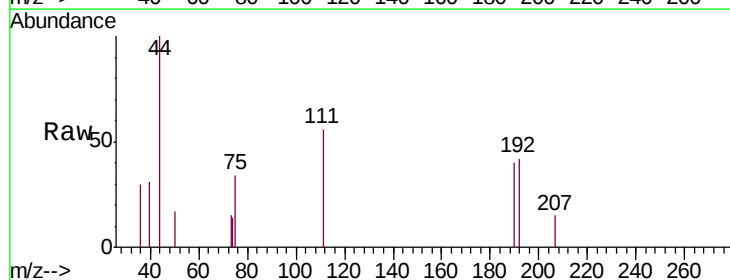
Tgt Ion: 75 Resp: 371

Ion Ratio Lower Upper

75 100

155 0.0 70.0 105.0#

157 0.0 90.5 135.7#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

