

Data File : VU036126.D
Acq On : 11 Dec 2019 12:19
Operator : JC/MD
Sample : K6167-19
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFQY6

Quant Time: Dec 12 06:13:56 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Dec 12 06:08:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	303502	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	333887	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	94753	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	133056	4.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.40%
7) Chloroethane-d5	1.93	69	123972	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.20%
11) 1,1-Dichloroethene-d2	2.59	63	136600	2.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.20%#
20) 2-Butanone-d5	4.69	46	222465	48.26	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.52%
24) Chloroform-d	5.11	84	204897	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.75	65	108316	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
32) Benzene-d6	5.77	84	386129	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
36) 1,2-Dichloropropane-d6	6.73	67	128107	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.93	98	297604	3.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.20%
43) trans-1,3-Dichloropropene-	8.21	79	41859	3.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.80%
46) 2-Hexanone-d5	8.68	63	163595	42.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.12%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	103677	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	88061	4.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.60%

Target Compounds

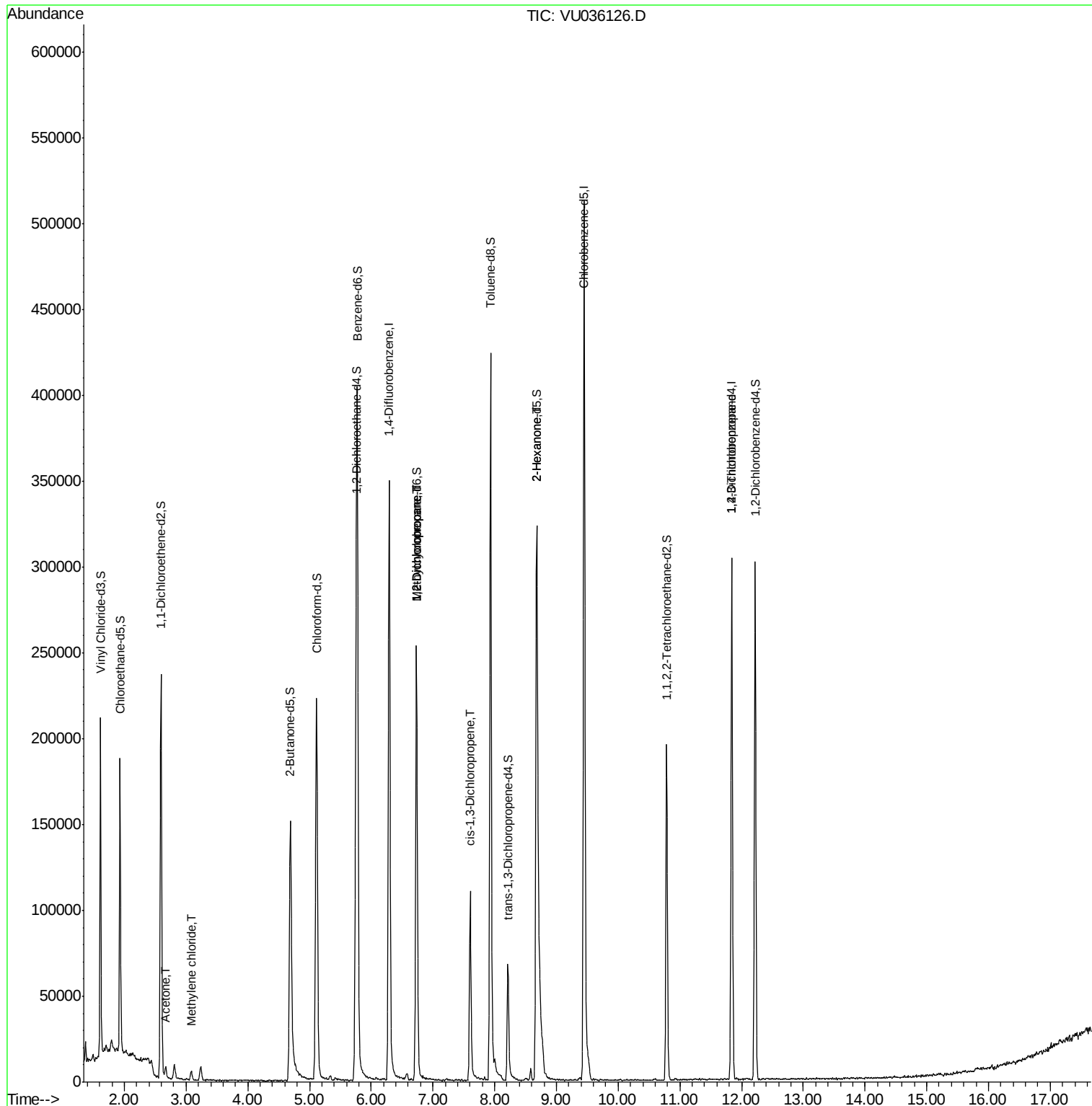
						Qvalue
13) Acetone	2.67	43	7220	1.234	ug/L	96
16) Methylene chloride	3.08	84	2827	0.092	ug/L	78
35) Methylcyclohexane	6.74	83	28572	0.879	ug/L #	18
37) 1,2-Dichloropropane	6.73	63	12462	0.544	ug/L #	86
39) cis-1,3-Dichloropropene	7.60	75	3081	0.099	ug/L #	20
48) 2-Hexanone	8.68	43	18453	2.151	ug/L #	28
59) 1,2,3-Trichloropropane	11.84	75	10009	0.612	ug/L	89

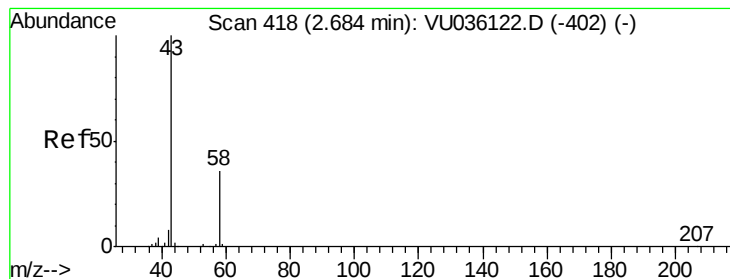
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.234 ug/L

RT: 2.67 min Scan# 414

Delta R.T. -0.01 min

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Acq: 11 Dec 2019 12:19

Instrument :

MSVOA_U

ClientSampleId :

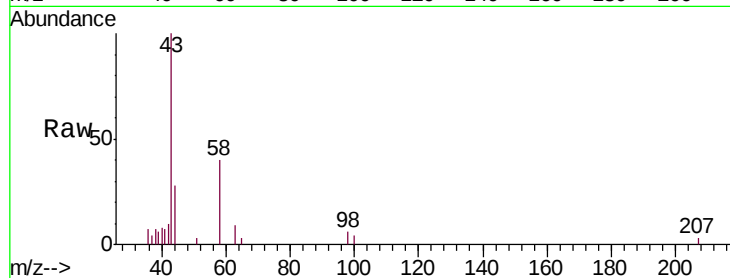
BFQY6

Tgt Ion: 43 Resp: 7220

Ion Ratio Lower Upper

43 100

58 39.5 0.0 74.2



Abundance Ion 43.05 (42.75 to 43.75): VU036126.D (-325) (-)

Ion 58.05 (57.75 to 58.75): VU036126.D (-325) (-)

2.67

4000

3000

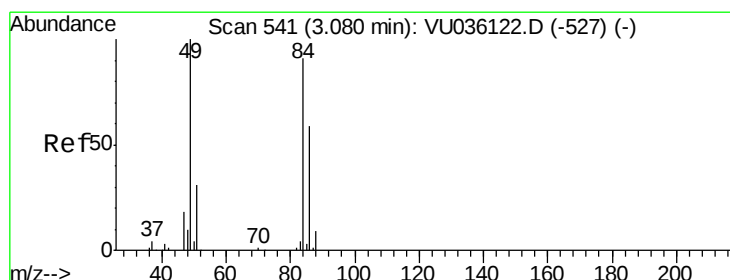
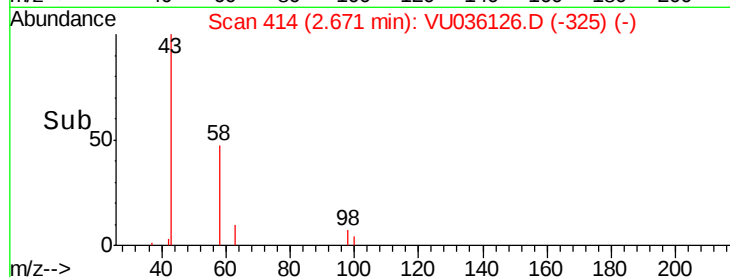
2000

1000

0

Time-->

2.60 2.65 2.70 2.75



#16

Methylene chloride

Concen: 0.092 ug/L

RT: 3.08 min Scan# 541

Delta R.T. 0.00 min

Lab File: VU036126.D

Acq: 11 Dec 2019 12:19

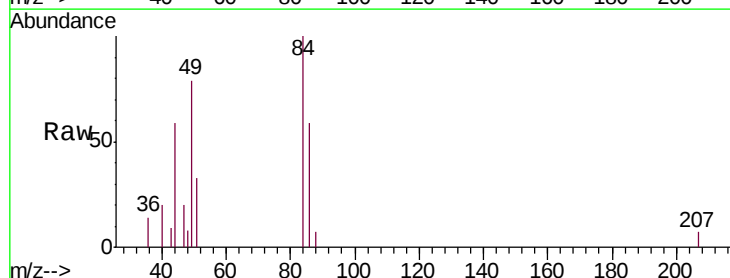
Tgt Ion: 84 Resp: 2827

Ion Ratio Lower Upper

84 100

86 59.4 47.5 88.3

49 78.8 76.9 142.9



Abundance Ion 84.05 (83.75 to 84.75): VU036126.D (-448) (-)

Ion 86.00 (85.70 to 86.70): VU036126.D (-448) (-)

Ion 49.10 (48.80 to 49.80): VU036126.D (-448) (-)

3.08

2000

1500

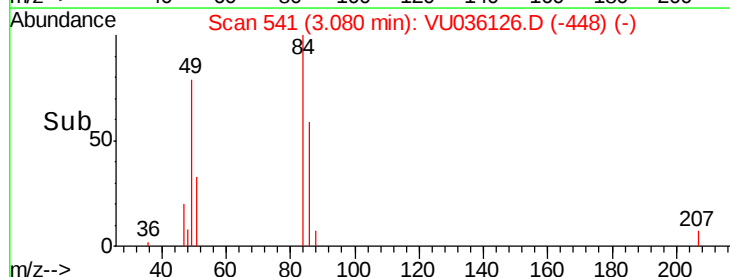
1000

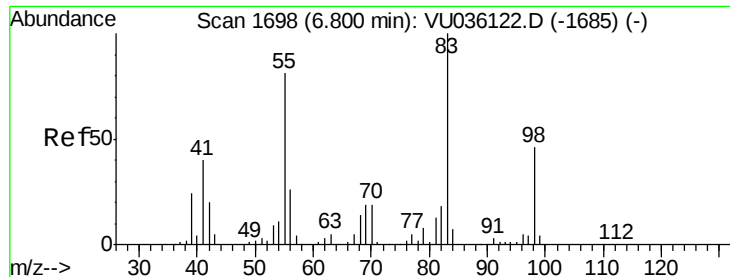
500

0

Time-->

3.05 3.10 3.15





#35

Methylcyclohexane

Concen: 0.879 ug/L

RT: 6.74 min Scan# 1678

Delta R.T. -0.06 min

Lab File: VU036126.D

Acq: 11 Dec 2019 12:19

Instrument :

MSVOA_U

ClientSampleId :

BFQY6

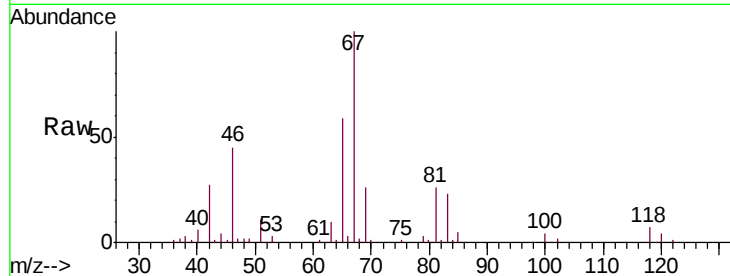
Tgt Ion: 83 Resp: 28572

Ion Ratio Lower Upper

83 100

55 0.1 62.1 93.1#

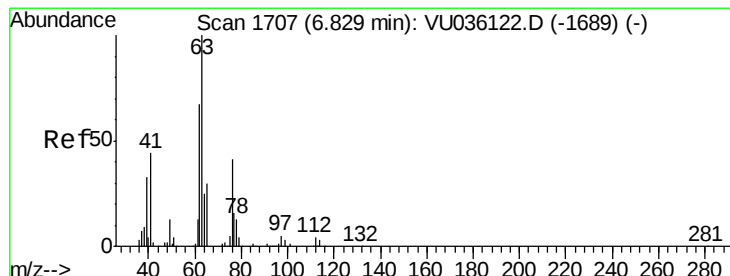
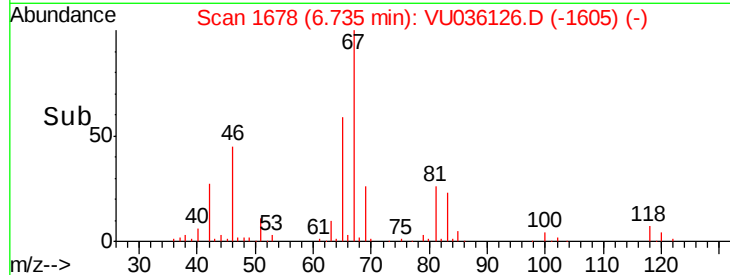
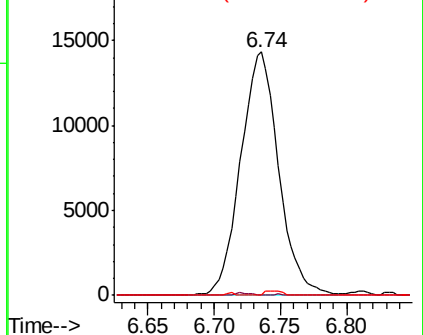
98 0.8 37.0 55.4#



Abundance Ion 83.15 (82.85 to 83.85): VU036126.D (-1678) (-)

Ion 55.10 (54.80 to 55.80): VU036126.D (-1678) (-)

Ion 98.15 (97.85 to 98.85): VU036126.D (-1678) (-)



#37

1,2-Dichloropropane

Concen: 0.544 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.10 min

Lab File: VU036126.D

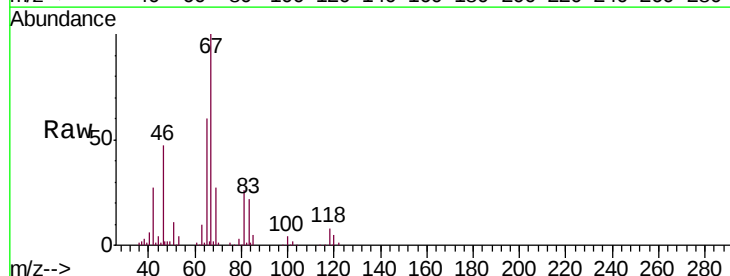
Acq: 11 Dec 2019 12:19

Tgt Ion: 63 Resp: 12462

Ion Ratio Lower Upper

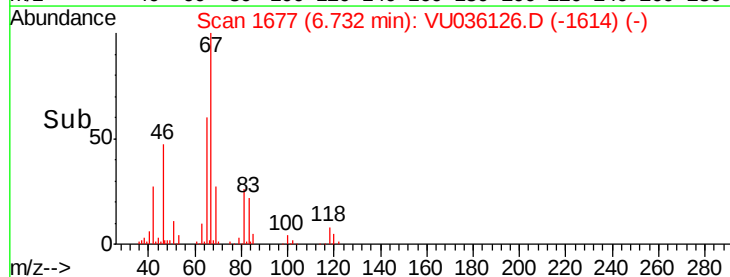
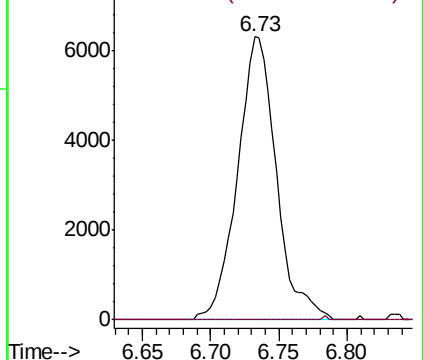
63 100

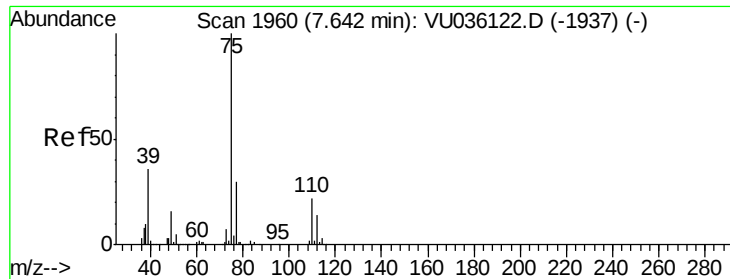
112 0.2 3.8 5.8#



Abundance Ion 63.10 (62.80 to 63.80): VU036126.D (-1677) (-)

Ion 112.10 (111.80 to 112.80): VU036126.D (-1677) (-)





#39

cis-1,3-Dichloropropene

Concen: 0.099 ug/L

RT: 7.60 min Scan# 1948

Delta R.T. -0.04 min

Lab File: VU036126.D

Acq: 11 Dec 2019 12:19

Instrument :

MSVOA_U

ClientSampleId :

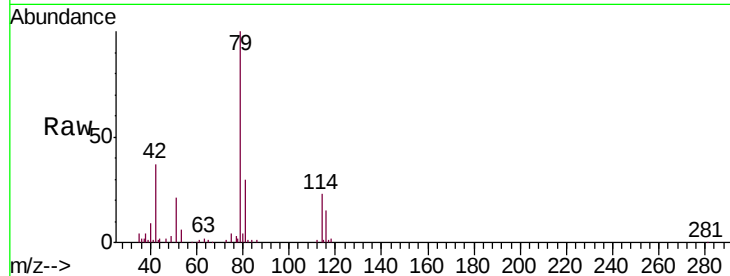
BFQY6

Tgt Ion: 75 Resp: 3081

Ion Ratio Lower Upper

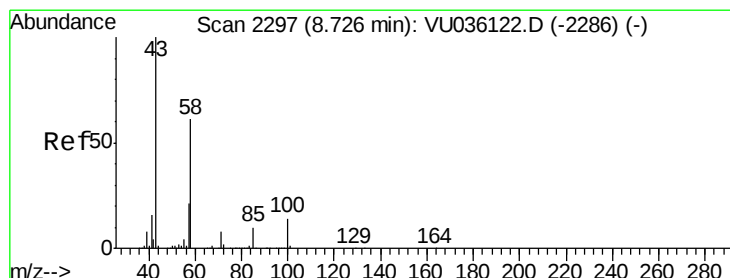
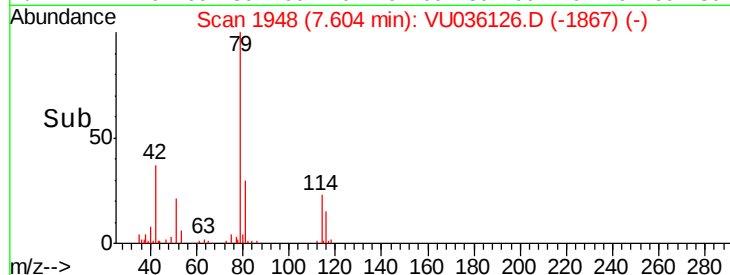
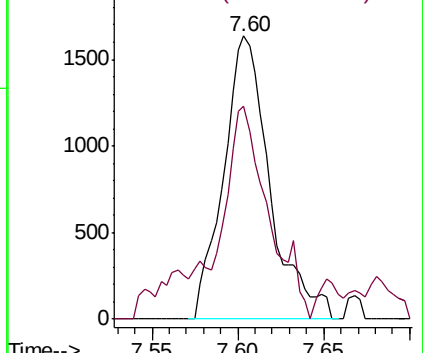
75 100

77 75.0 21.7 40.3#



Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 77.05 (76.75 to 77.75): VU0



#48

2-Hexanone

Concen: 2.151 ug/L

RT: 8.68 min Scan# 2282

Delta R.T. -0.05 min

Lab File: VU036126.D

Acq: 11 Dec 2019 12:19

Tgt Ion: 43 Resp: 18453

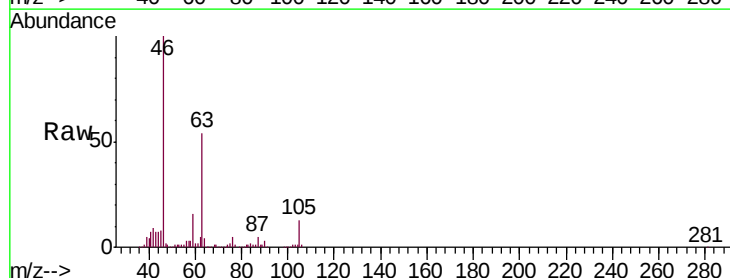
Ion Ratio Lower Upper

43 100

58 0.0 46.9 70.3#

57 59.6 16.4 24.6#

100 2.9 11.0 16.4#

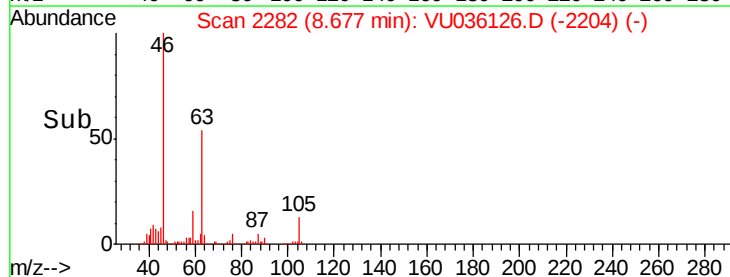
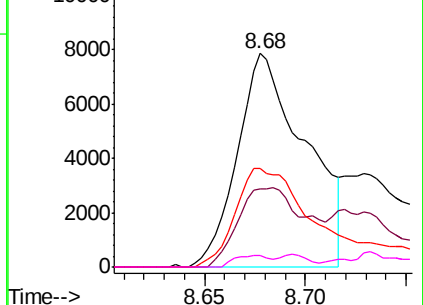


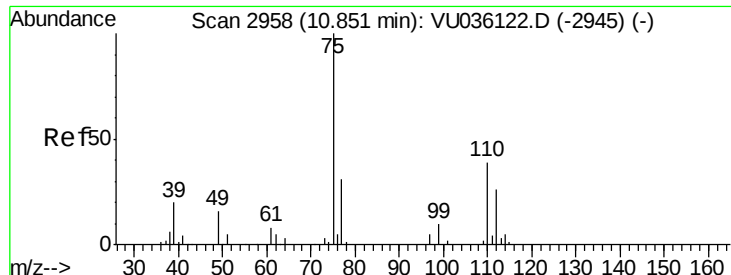
Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

Ion 57.20 (56.90 to 57.90): VU0

Ion 100.15 (99.85 to 100.85): VU0





#59

1,2,3-Trichloropropane

Concen: 0.612 ug/L

RT: 11.84 min Scan# 3266

Delta R.T. 0.99 min

Lab File: VU036126.D

Acq: 11 Dec 2019 12:19

Instrument :

MSVOA_U

ClientSampleId :

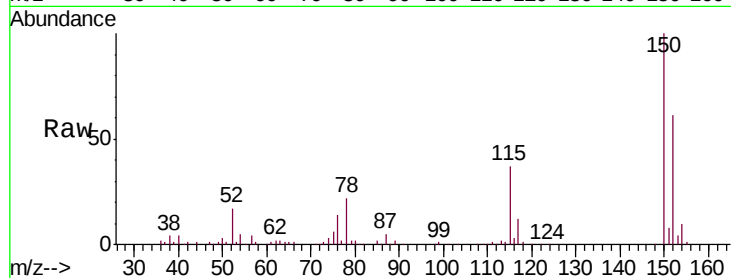
BFQY6

Tgt Ion: 75 Resp: 10009

Ion Ratio Lower Upper

75 100

77 39.5 26.7 40.1



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

