

Data File : VU036242.D
Acq On : 16 Dec 2019 18:32
Operator : JC/MD
Sample : K6275-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFD3

Quant Time: Dec 17 01:25:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 17 01:19:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	231190	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	259092	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	78076	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	80086	3.93	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.60%
7) Chloroethane-d5	1.93	69	83096	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.00%
11) 1,1-Dichloroethene-d2	2.59	63	89085	3.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.60%
20) 2-Butanone-d5	4.68	46	184355	48.33	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.66%
24) Chloroform-d	5.11	84	119734	3.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.20%
26) 1,2-Dichloroethane-d4	5.75	65	83270	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.77	84	275180	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.60%
36) 1,2-Dichloropropane-d6	6.73	67	94559	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.20%
41) Toluene-d8	7.93	98	225820	3.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.80%
43) trans-1,3-Dichloropropene-	8.21	79	34270	4.06	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.20%
46) 2-Hexanone-d5	8.69	63	137821	42.69	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.38%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	86529	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	74083	4.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.20%

Target Compounds

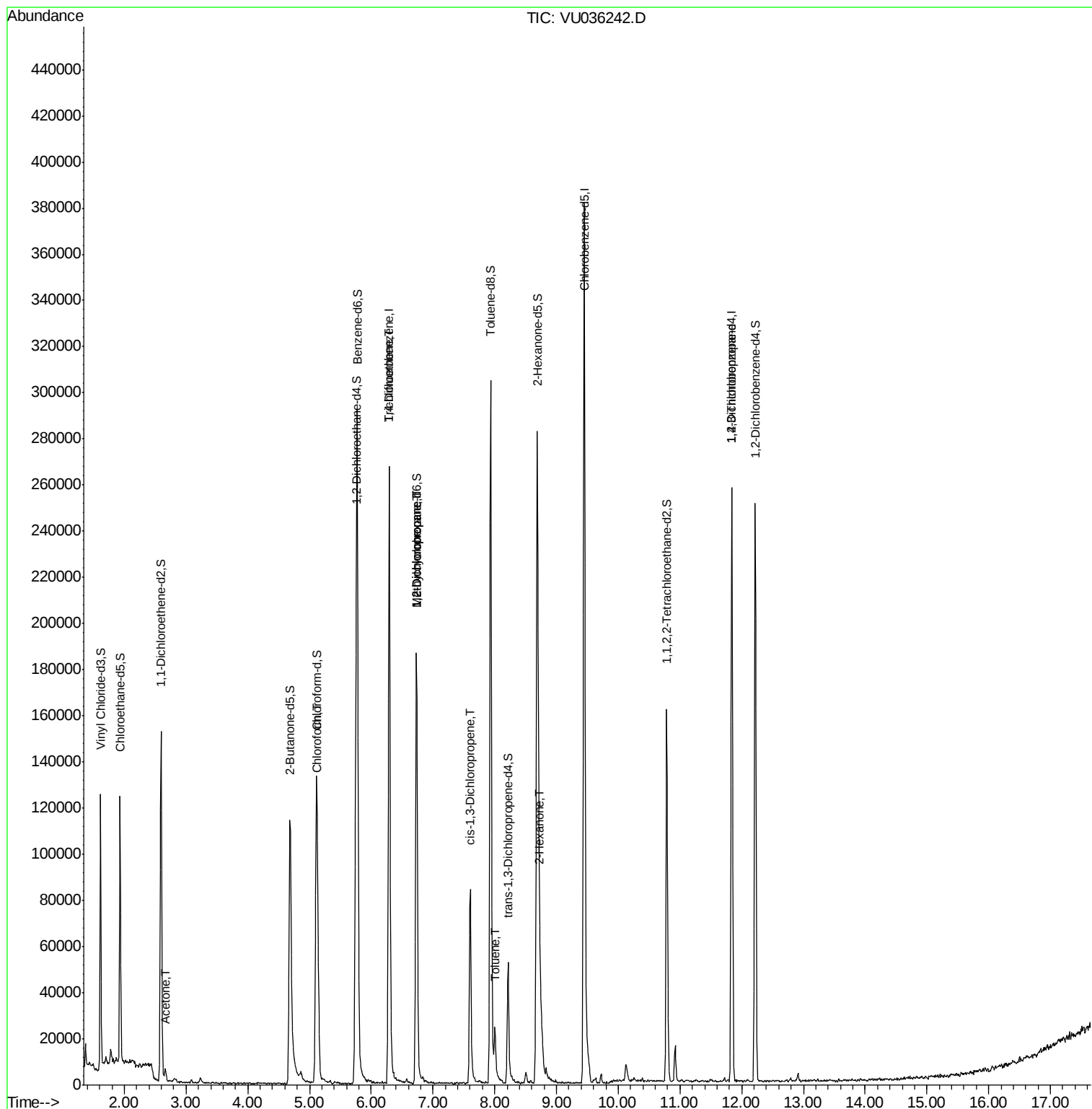
					Qvalue
13) Acetone	2.66	43	5216	1.569 ug/L	95
25) Chloroform	5.13	83	37432	1.043 ug/L	94
34) Trichloroethene	6.29	95	4539	0.221 ug/L #	5
35) Methylcyclohexane	6.73	83	22594	0.774 ug/L #	18
37) 1,2-Dichloropropane	6.73	63	9617	0.473 ug/L #	86
39) cis-1,3-Dichloropropene	7.60	75	2431	0.088 ug/L #	81
42) Toluene	8.01	91	15319	0.179 ug/L	100
48) 2-Hexanone	8.74	43	9149	1.154 ug/L #	78
59) 1,2,3-Trichloropropane	11.84	75	8596	0.637 ug/L	90

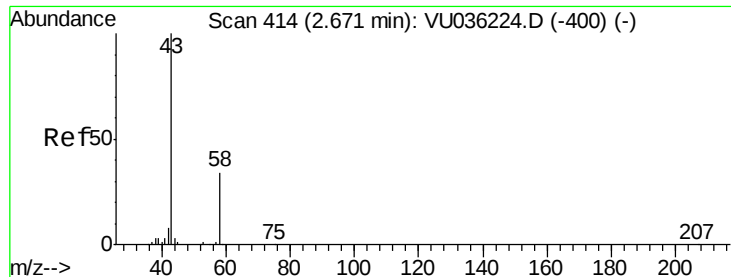
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.569 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.01 min

Lab File: VU036242.D

Acq: 16 Dec 2019 18:32

Instrument :

MSVOA_U

ClientSampleId :

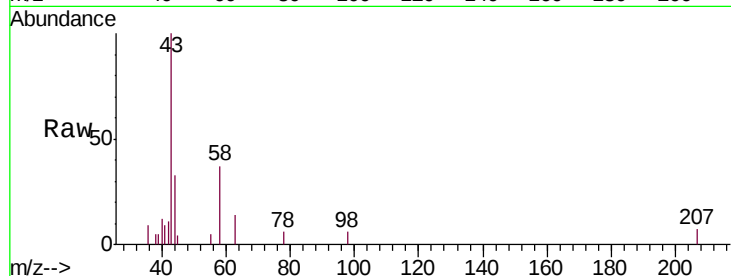
BFDT3

Tgt Ion: 43 Resp: 5216

Ion Ratio Lower Upper

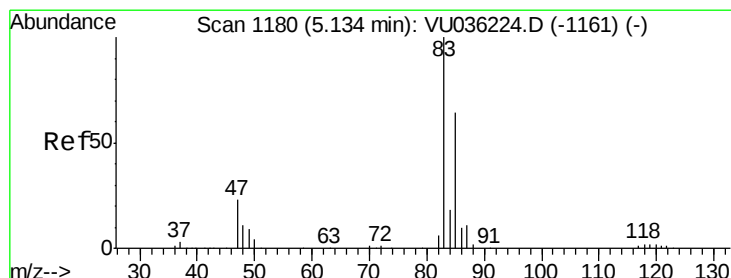
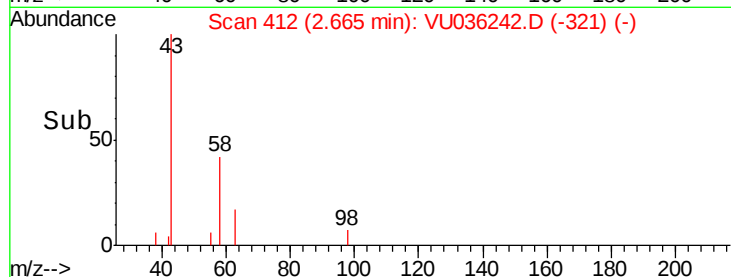
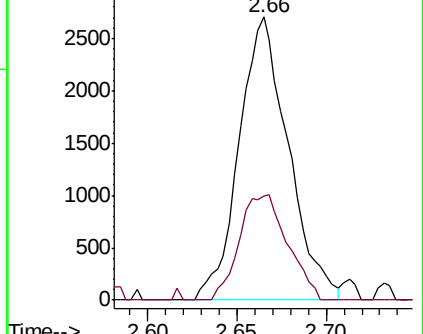
43 100

58 36.5 0.0 67.6



Abundance Ion 43.05 (42.75 to 43.75): VU036242.D (-400) (-)

Ion 58.05 (57.75 to 58.75): VU036242.D (-400) (-)



#25

Chloroform

Concen: 1.043 ug/L

RT: 5.13 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VU036242.D

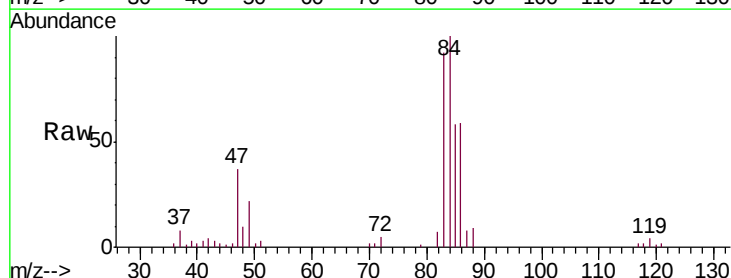
Acq: 16 Dec 2019 18:32

Tgt Ion: 83 Resp: 37432

Ion Ratio Lower Upper

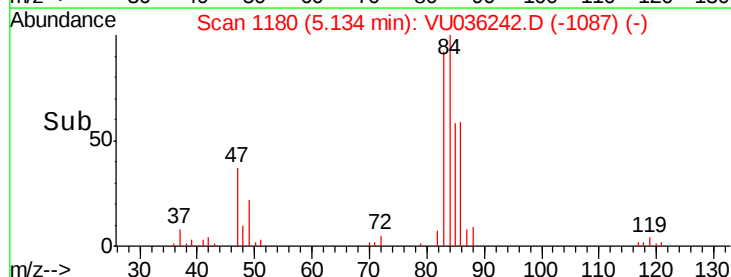
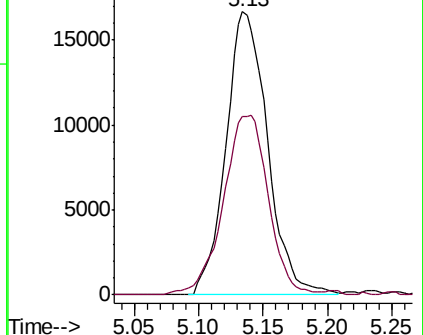
83 100

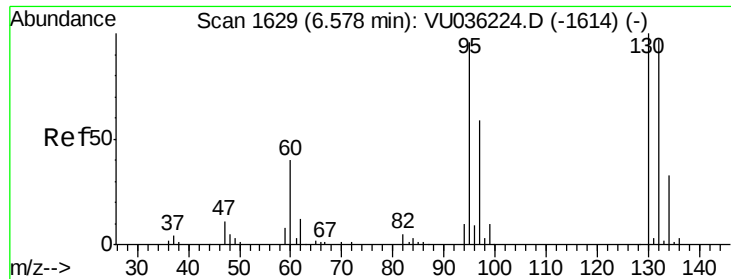
85 63.0 47.5 88.1



Abundance Ion 83.05 (82.75 to 83.75): VU036242.D (-1161) (-)

Ion 85.00 (84.70 to 85.70): VU036242.D (-1161) (-)

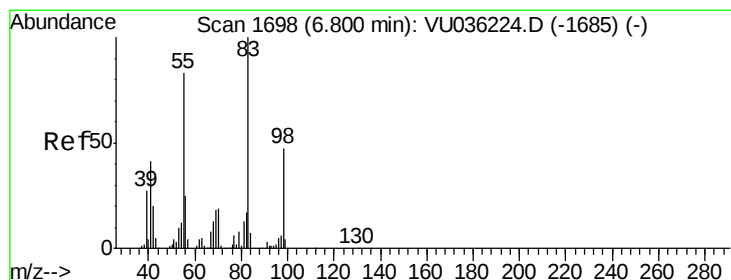
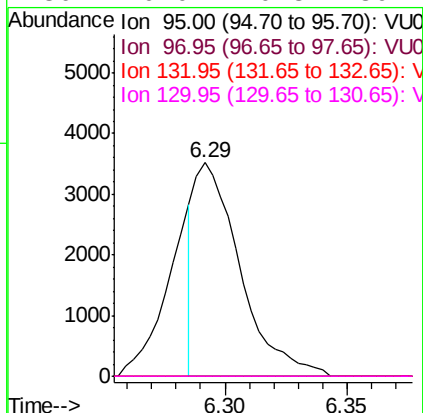
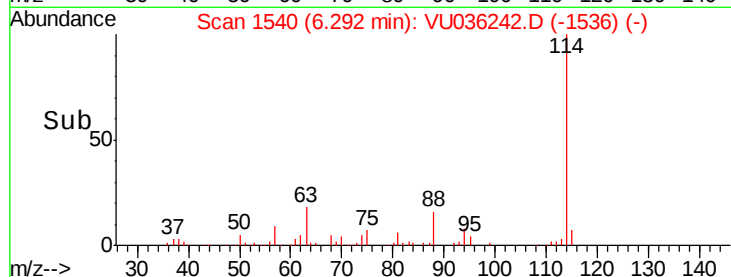
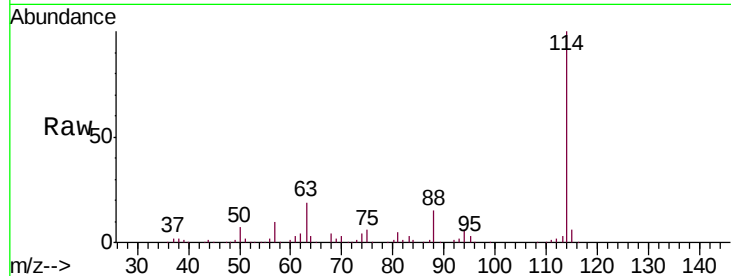




#34
 Trichloroethene
 Concen: 0.221 ug/L
 RT: 6.29 min Scan# 1540
 Delta R.T. -0.29 min
 Lab File: VU036242.D
 Acq: 16 Dec 2019 18:32

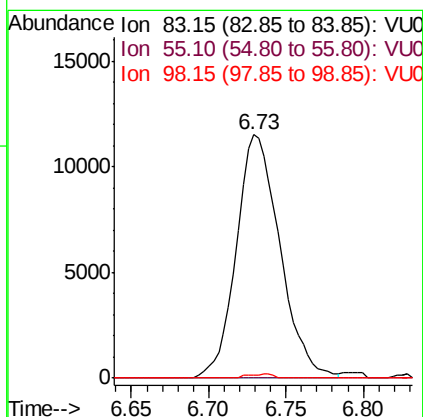
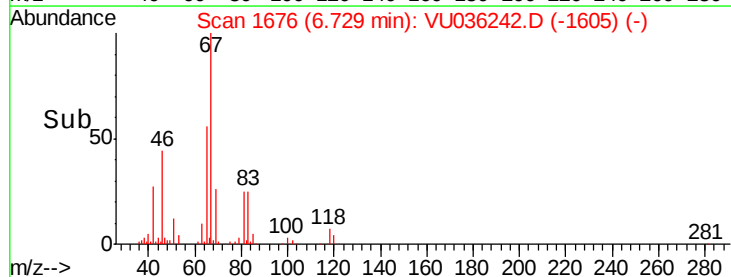
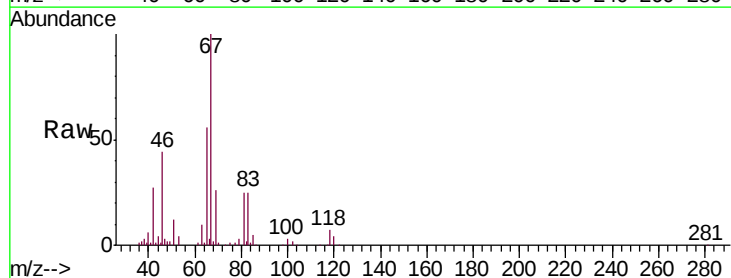
Instrument :
 MSVOA_U
 ClientSampled :
 BFDT3

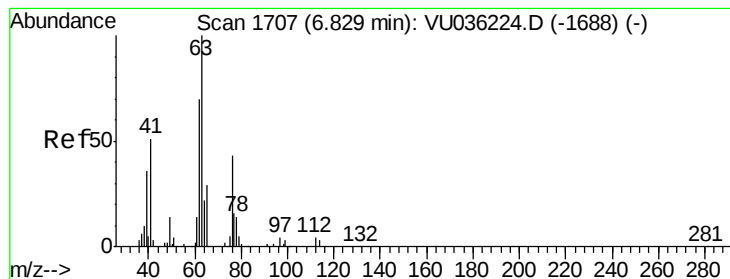
Tgt Ion: 95 Resp: 4539
 Ion Ratio Lower Upper
 95 100
 97 0.0 43.6 81.0#
 132 0.0 69.6 129.2#
 130 0.0 70.3 130.7#



#35
 Methylcyclohexane
 Concen: 0.774 ug/L
 RT: 6.73 min Scan# 1676
 Delta R.T. -0.07 min
 Lab File: VU036242.D
 Acq: 16 Dec 2019 18:32

Tgt Ion: 83 Resp: 22594
 Ion Ratio Lower Upper
 83 100
 55 0.0 62.6 94.0#
 98 0.9 36.2 54.2#





#37

1,2-Dichloropropane

Concen: 0.473 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.10 min

Lab File: VU036242.D

Acq: 16 Dec 2019 18:32

Instrument :

MSVOA_U

ClientSampleId :

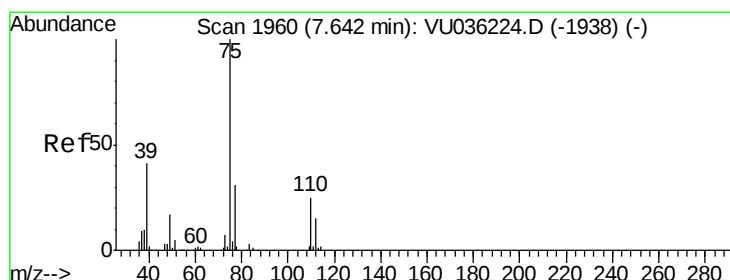
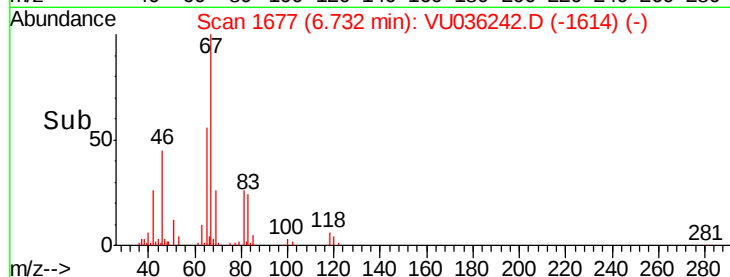
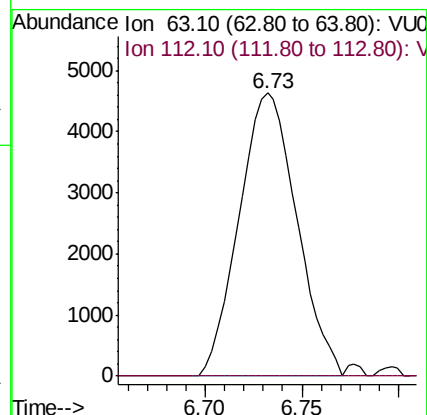
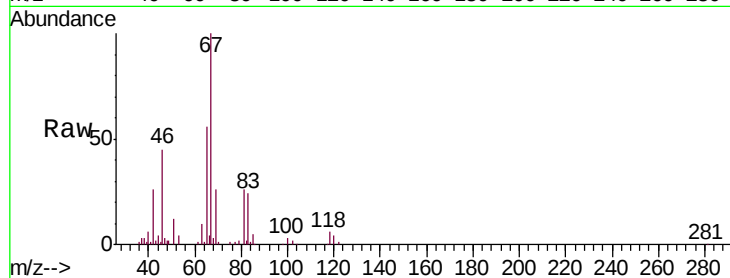
BFD3

Tgt Ion: 63 Resp: 9617

Ion Ratio Lower Upper

63 100

112 0.2 3.8 5.8#



#39

cis-1,3-Dichloropropene

Concen: 0.088 ug/L

RT: 7.60 min Scan# 1947

Delta R.T. -0.04 min

Lab File: VU036242.D

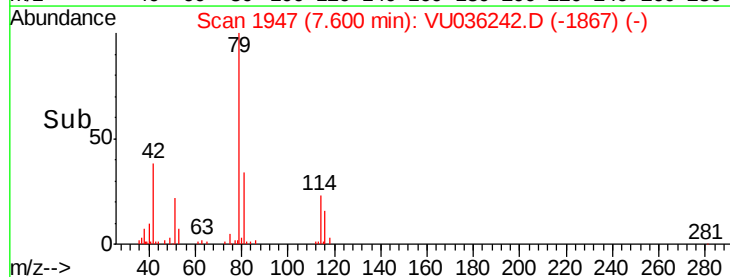
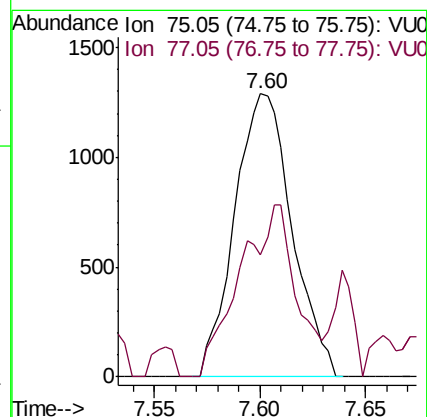
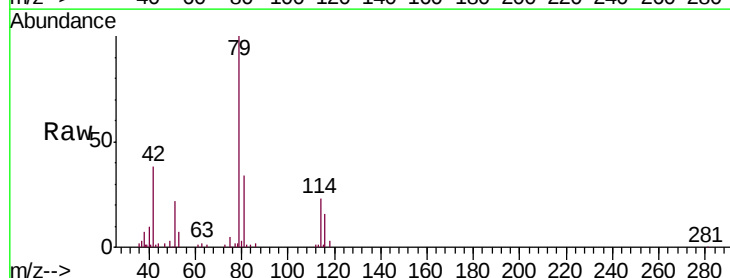
Acq: 16 Dec 2019 18:32

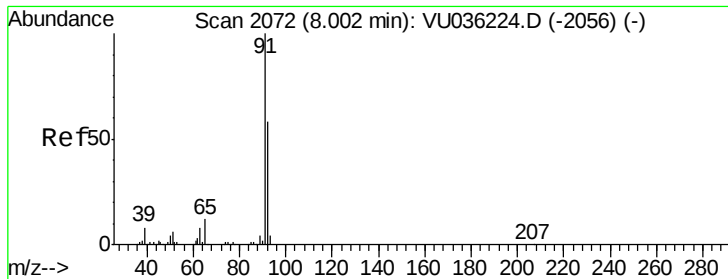
Tgt Ion: 75 Resp: 2431

Ion Ratio Lower Upper

75 100

77 43.2 22.7 42.1#





#42

Toluene

Concen: 0.179 ug/L

RT: 8.01 min Scan# 2073

Delta R.T. 0.00 min

Lab File: VU036242.D

Acq: 16 Dec 2019 18:32

Instrument :

MSVOA_U

ClientSampleId :

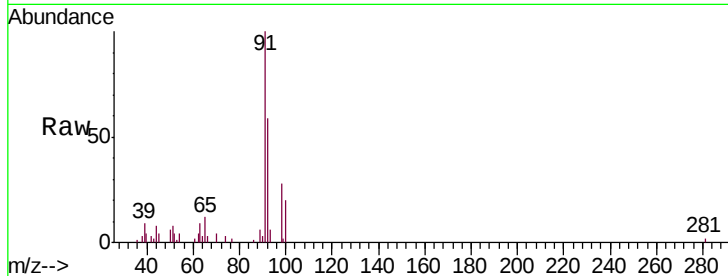
BFDT3

Tgt Ion: 91 Resp: 15319

Ion Ratio Lower Upper

91 100

92 59.1 41.2 76.6



Abundance Ion 91.15 (90.85 to 91.85): VU036224.D (-2056) (-)

Ion 92.15 (91.85 to 92.85): VU036224.D (-2056) (-)

8.01

8000

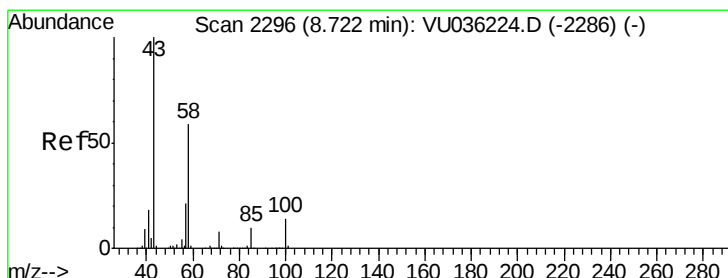
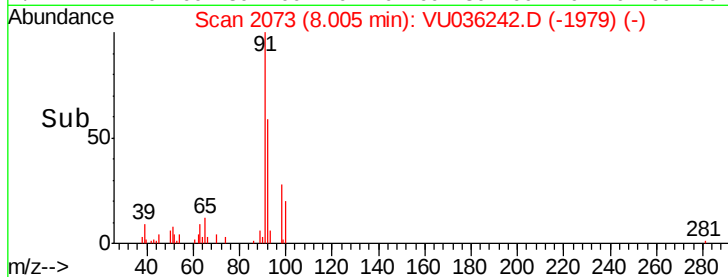
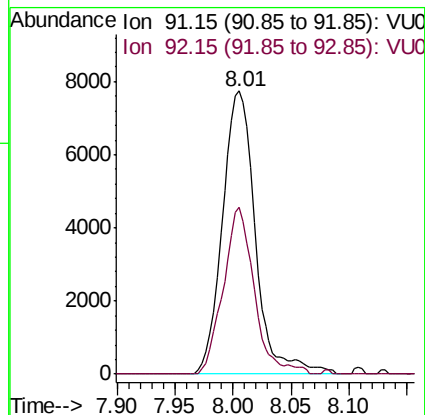
6000

4000

2000

0

7.90 7.95 8.00 8.05 8.10



#48

2-Hexanone

Concen: 1.154 ug/L

RT: 8.74 min Scan# 2300

Delta R.T. 0.01 min

Lab File: VU036242.D

Acq: 16 Dec 2019 18:32

Tgt Ion: 43 Resp: 9149

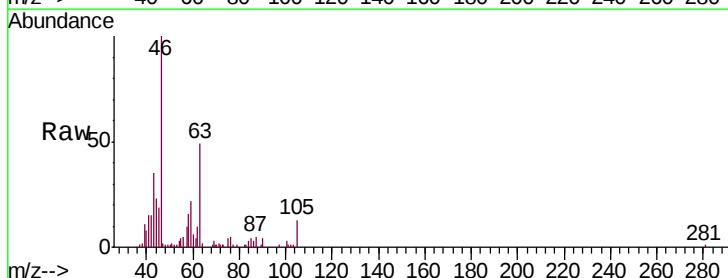
Ion Ratio Lower Upper

43 100

58 44.3 46.2 69.2#

57 0.0 16.2 24.4#

100 10.8 10.2 15.4



Abundance Ion 43.05 (42.75 to 43.75): VU036224.D (-2286) (-)

Ion 58.05 (57.75 to 58.75): VU036224.D (-2286) (-)

Ion 57.20 (56.90 to 57.90): VU036224.D (-2286) (-)

Ion 100.15 (99.85 to 100.85): VU036224.D (-2286) (-)

8.74

10000

8000

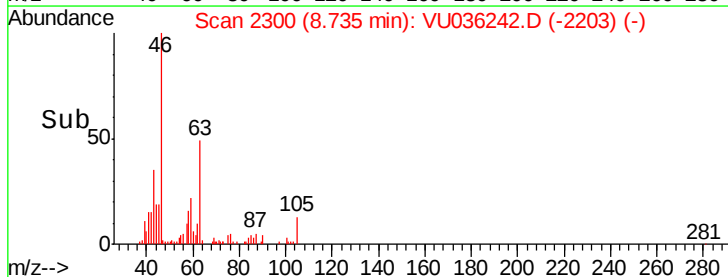
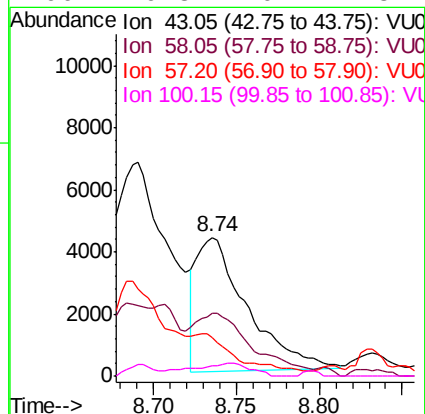
6000

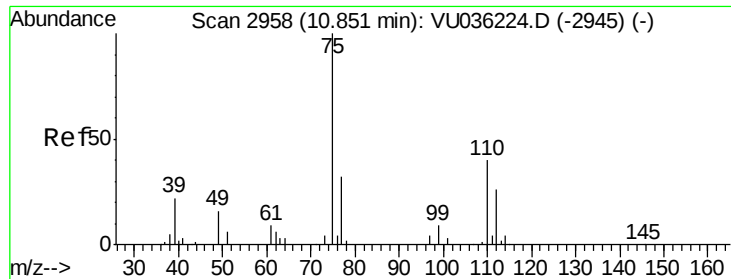
4000

2000

0

8.70 8.75 8.80





#59

1,2,3-Trichloropropane

Concen: 0.637 ug/L

RT: 11.84 min Scan# 3265

Delta R.T. 0.99 min

Lab File: VU036242.D

Acq: 16 Dec 2019 18:32

Instrument :

MSVOA_U

ClientSampleId :

BFD3

Tgt Ion: 75 Resp: 8596

Ion Ratio Lower Upper

75 100

77 39.9 27.2 40.8

