

Data File : VU036283.D
Acq On : 19 Dec 2019 15:24
Operator : JC/MD
Sample : K6282-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFDT8

Quant Time: Dec 20 03:16:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 20 03:13:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	241303	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	265481	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	85032	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	111405	5.24	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.80%
7) Chloroethane-d5	1.94	69	105988	5.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.20%
11) 1,1-Dichloroethene-d2	2.60	63	117488	3.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.60%
20) 2-Butanone-d5	4.68	46	165051	41.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.92%
24) Chloroform-d	5.11	84	159425	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	5.75	65	89187	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
32) Benzene-d6	5.77	84	309445	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.73	67	98004	4.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.20%
41) Toluene-d8	7.93	98	245526	3.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.20%
43) trans-1,3-Dichloropropene-	8.21	79	35455	4.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.00%
46) 2-Hexanone-d5	8.68	63	144374	43.64	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.28%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	86398	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	77490	4.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.20%

Target Compounds

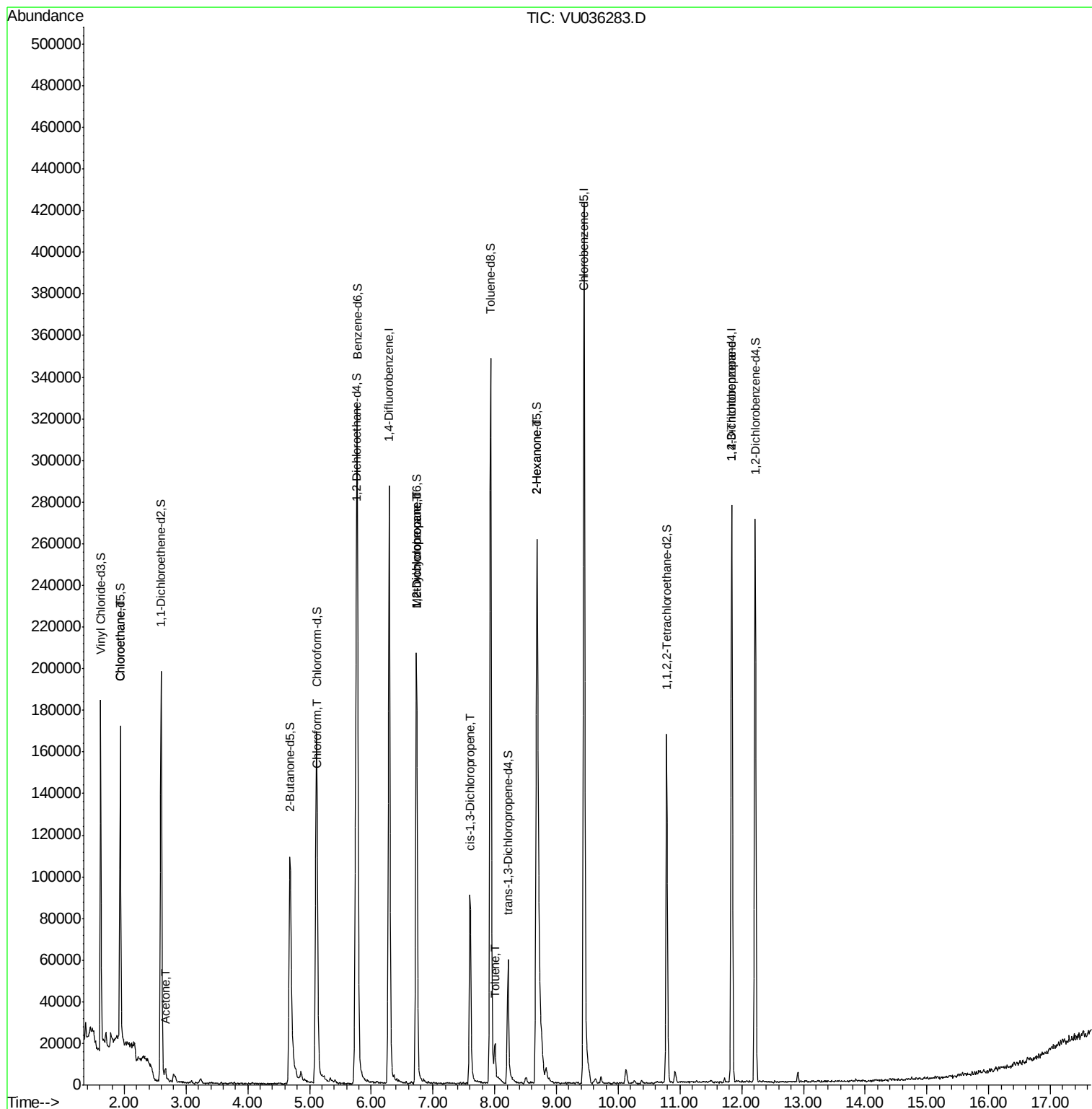
					Qvalue
8) Chloroethane	1.94	64	1428	0.075 ug/L #	59
13) Acetone	2.66	43	6352	1.831 ug/L	94
25) Chloroform	5.13	83	10943	0.292 ug/L	94
35) Methylcyclohexane	6.73	83	24066	0.805 ug/L #	19
37) 1,2-Dichloropropane	6.73	63	10569	0.508 ug/L #	86
39) cis-1,3-Dichloropropene	7.60	75	2364	0.083 ug/L #	68
42) Toluene	8.01	91	11370	0.130 ug/L	93
48) 2-Hexanone	8.68	43	16103	1.982 ug/L #	66
59) 1,2,3-Trichloropropane	11.84	75	8812	0.637 ug/L	97

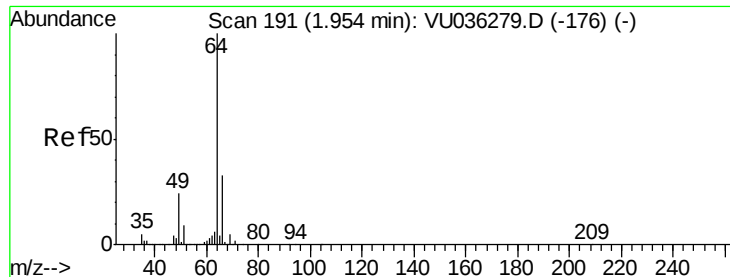
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 20 03:13:48 2019
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.075 ug/L

RT: 1.94 min Scan# 187

Delta R.T. -0.01 min

Lab File: VU036283.D

Acq: 19 Dec 2019 15:24

Instrument :

MSVOA_U

ClientSampleId :

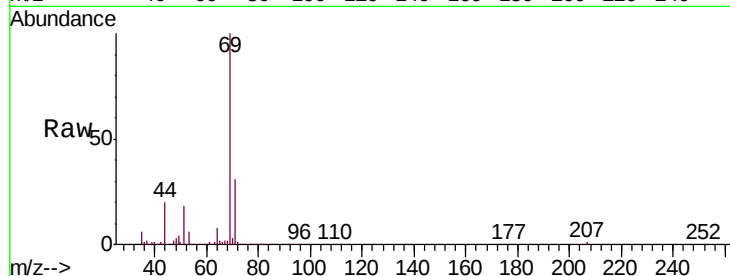
BFDT8

Tgt Ion: 64 Resp: 1428

Ion Ratio Lower Upper

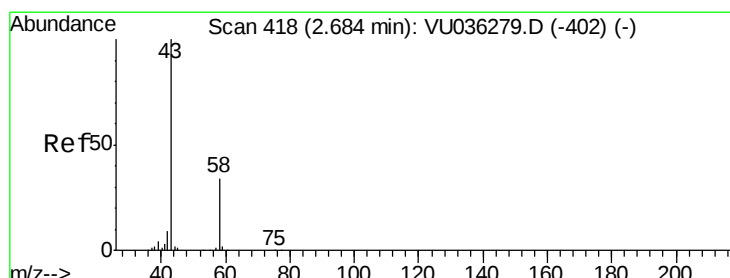
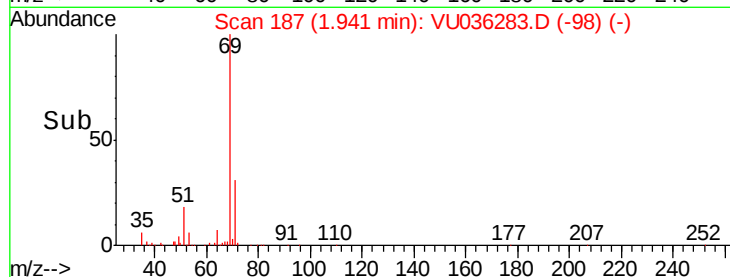
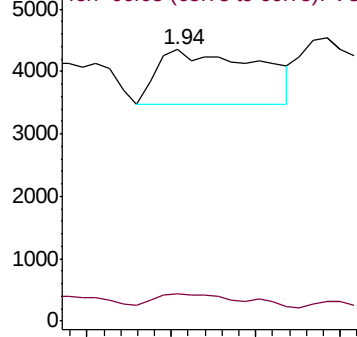
64 100

66 10.1 23.1 42.9#



Abundance Ion 64.10 (63.80 to 64.80): VU0

Ion 66.05 (65.75 to 66.75): VU0



#13

Acetone

Concen: 1.831 ug/L

RT: 2.66 min Scan# 412

Delta R.T. -0.02 min

Lab File: VU036283.D

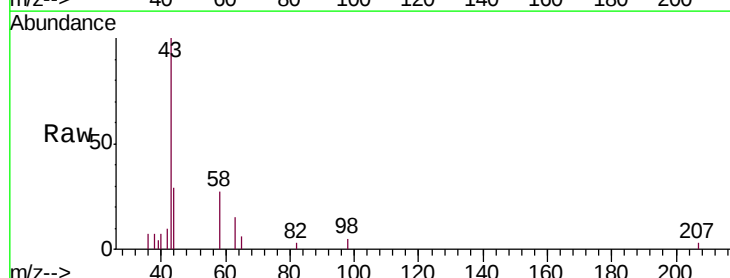
Acq: 19 Dec 2019 15:24

Tgt Ion: 43 Resp: 6352

Ion Ratio Lower Upper

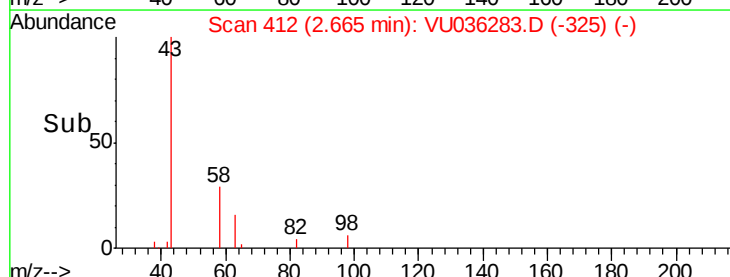
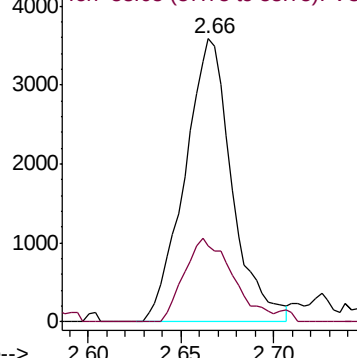
43 100

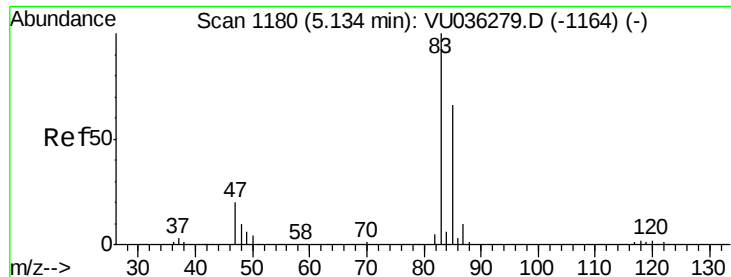
58 30.4 0.0 67.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

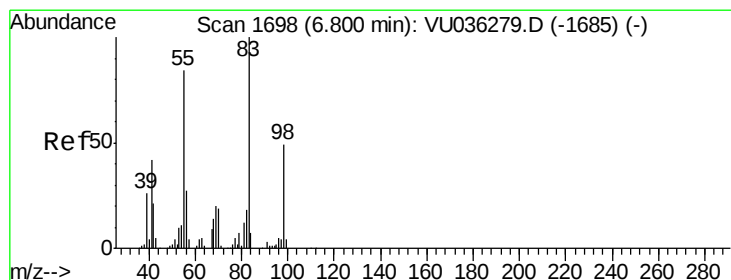
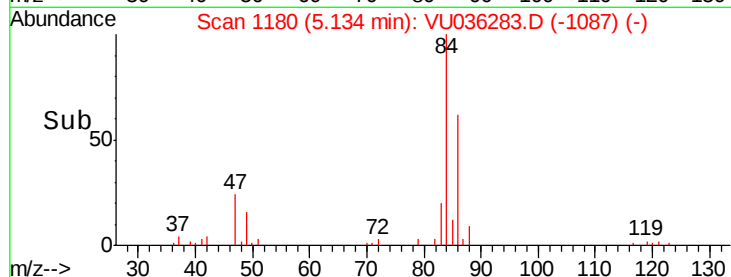
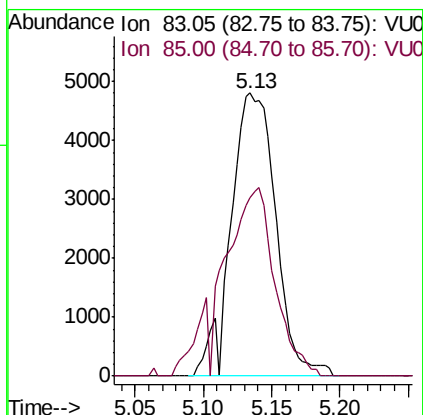
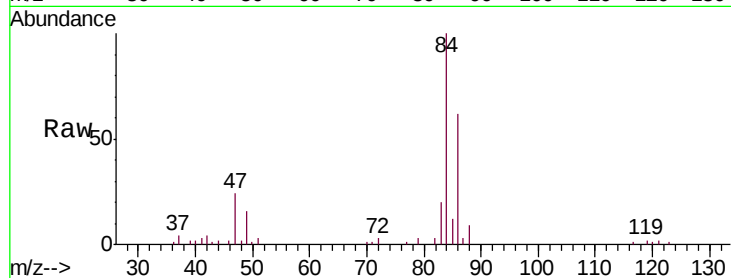




#25
Chloroform
Concen: 0.292 ug/L
RT: 5.13 min Scan# 1180
Delta R.T. 0.00 min
Lab File: VU036283.D
Acq: 19 Dec 2019 15:24

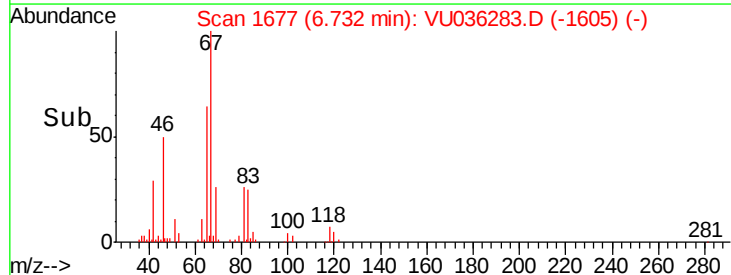
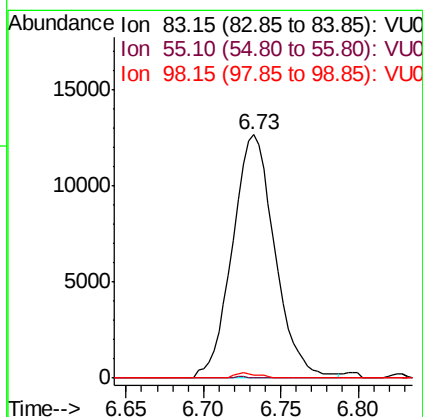
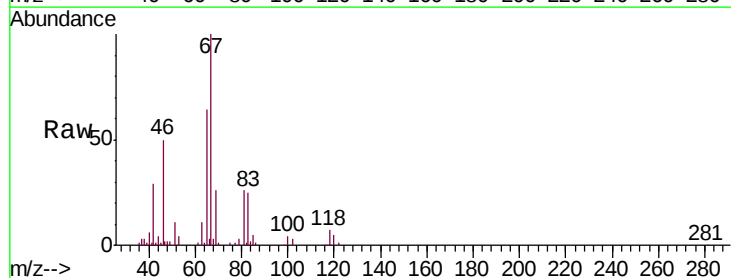
Instrument :
MSVOA_U
ClientSampleId :
BFD8

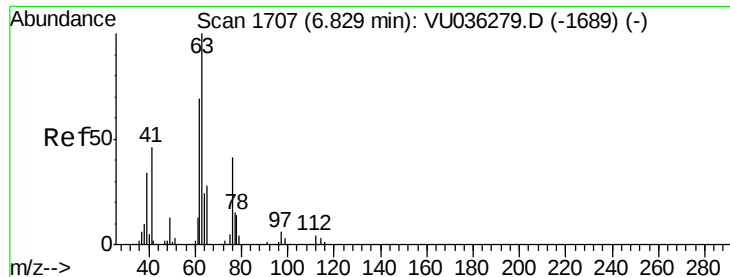
Tgt Ion: 83 Resp: 10943
Ion Ratio Lower Upper
83 100
85 62.9 47.5 88.1



#35
Methylcyclohexane
Concen: 0.805 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU036283.D
Acq: 19 Dec 2019 15:24

Tgt Ion: 83 Resp: 24066
Ion Ratio Lower Upper
83 100
55 0.2 62.6 94.0#
98 1.2 36.2 54.2#





#37

1,2-Dichloropropane

Concen: 0.508 ug/L

RT: 6.73 min Scan# 1677

Delta R.T. -0.10 min

Lab File: VU036283.D

Acq: 19 Dec 2019 15:24

Instrument :

MSVOA_U

ClientSampleId :

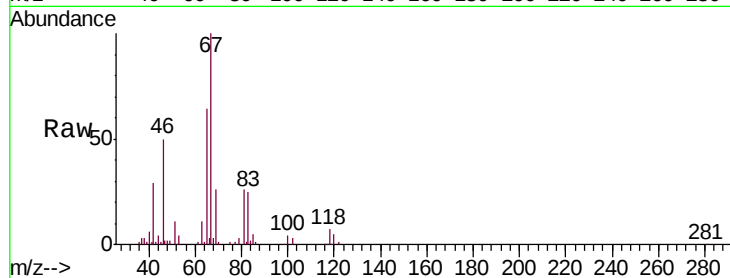
BFDT8

Tgt Ion: 63 Resp: 10569

Ion Ratio Lower Upper

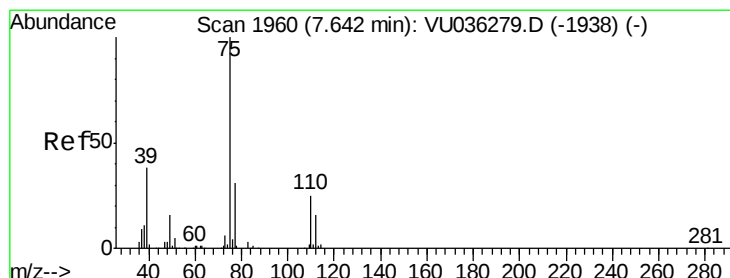
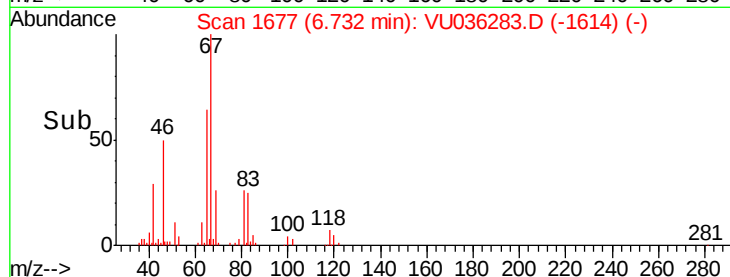
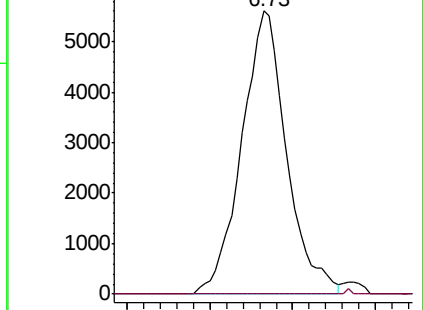
63 100

112 0.2 3.8 5.8#



Abundance Ion 63.10 (62.80 to 63.80): VU036279.D (-1689) (-)

Ion 112.10 (111.80 to 112.80): VU036279.D (-1689) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.083 ug/L

RT: 7.60 min Scan# 1947

Delta R.T. -0.04 min

Lab File: VU036283.D

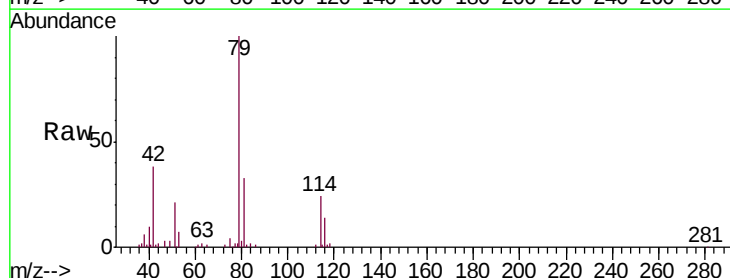
Acq: 19 Dec 2019 15:24

Tgt Ion: 75 Resp: 2364

Ion Ratio Lower Upper

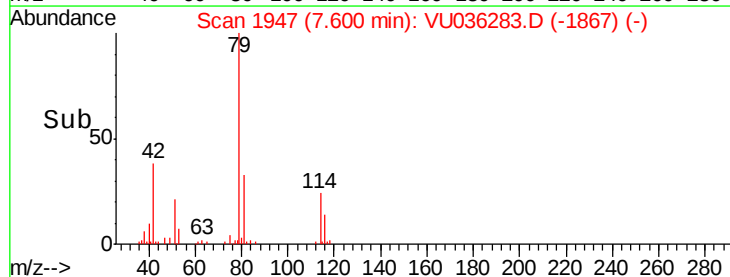
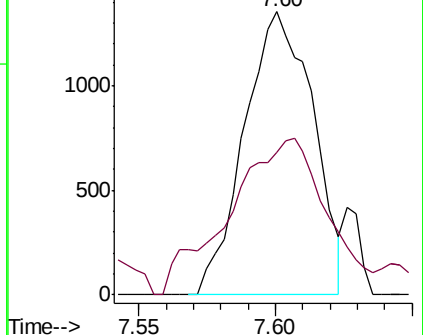
75 100

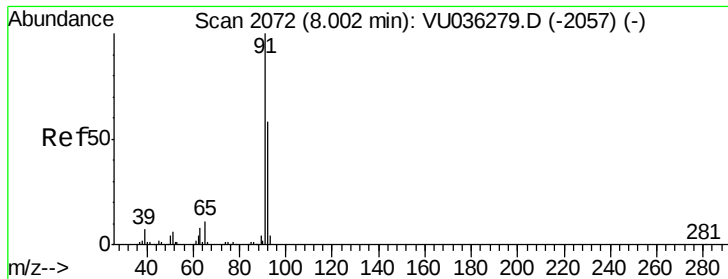
77 50.4 22.7 42.1#



Abundance Ion 75.05 (74.75 to 75.75): VU036279.D (-1938) (-)

Ion 77.05 (76.75 to 77.75): VU036279.D (-1938) (-)





#42

Toluene

Concen: 0.130 ug/L

RT: 8.01 min Scan# 2073

Delta R.T. 0.00 min

Lab File: VU036283.D

Acq: 19 Dec 2019 15:24

Instrument :

MSVOA_U

ClientSampleId :

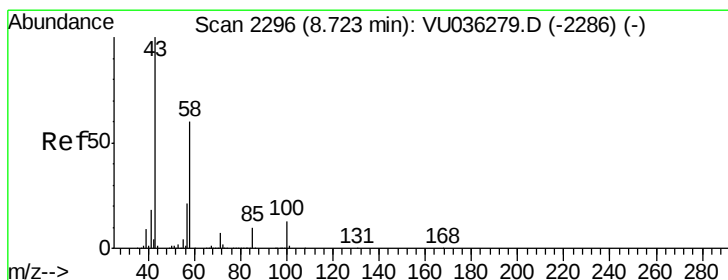
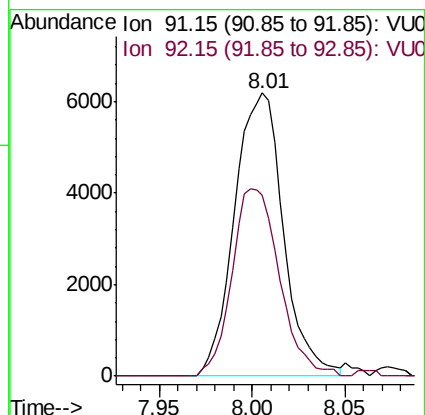
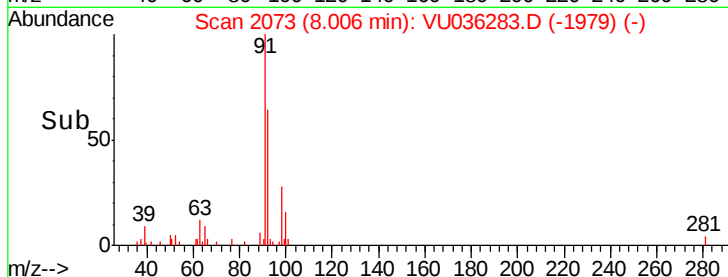
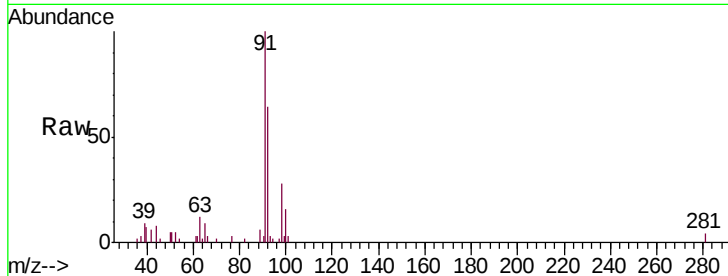
BFDT8

Tgt Ion: 91 Resp: 11370

Ion Ratio Lower Upper

91 100

92 63.9 41.2 76.6



#48

2-Hexanone

Concen: 1.982 ug/L

RT: 8.68 min Scan# 2284

Delta R.T. -0.04 min

Lab File: VU036283.D

Acq: 19 Dec 2019 15:24

Tgt Ion: 43 Resp: 16103

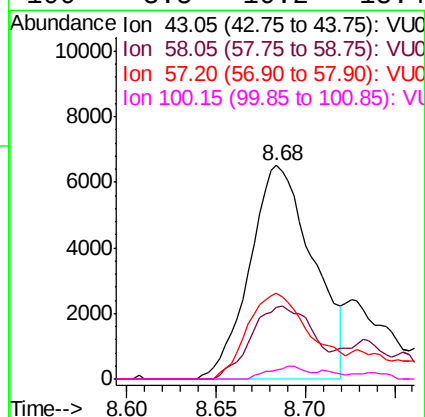
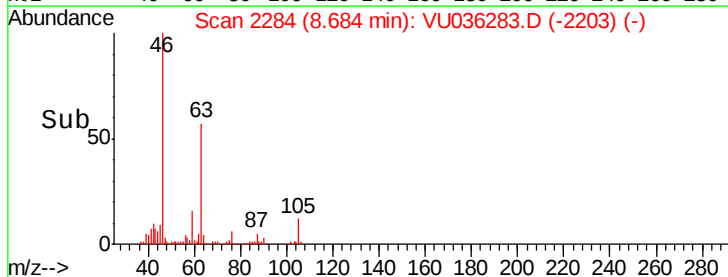
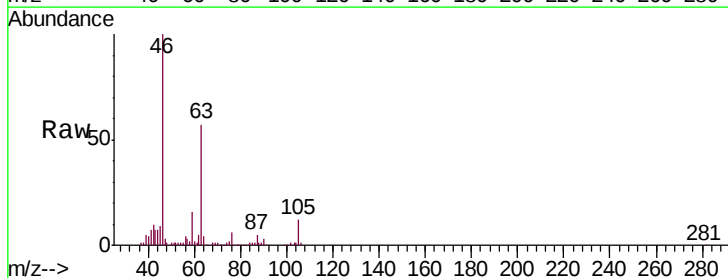
Ion Ratio Lower Upper

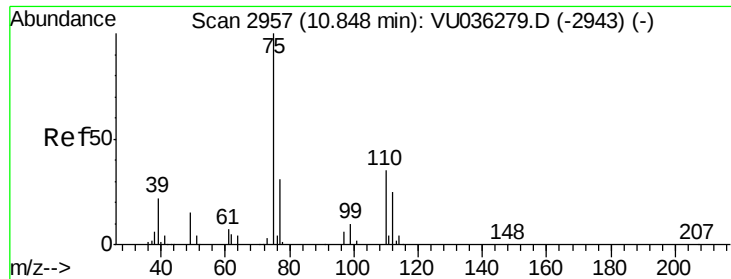
43 100

58 33.1 46.2 69.2#

57 40.7 16.2 24.4#

100 3.5 10.2 15.4#





#59

1,2,3-Trichloropropane

Concen: 0.637 ug/L

RT: 11.84 min Scan# 3265

Delta R.T. 0.99 min

Lab File: VU036283.D

Acq: 19 Dec 2019 15:24

Instrument :

MSVOA_U

ClientSampleId :

BFDT8

Tgt Ion: 75 Resp: 8812

Ion Ratio Lower Upper

75 100

77 35.7 27.2 40.8

