

Data File : VU033045.D
Acq On : 25 Jun 2019 11:20
Operator : JC/SP
Sample : K3478-21
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETF40

Quant Time: Jun 26 07:10:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 26 07:06:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	187252	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	183107	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	85257	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	58961	46.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.14%
7) Chloroethane-d5	1.68	69	52945	51.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.76%
11) 1,1-Dichloroethene-d2	2.26	63	96192	37.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.62%
21) 2-Butanone-d5	4.17	46	121373	113.95	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.95%
24) Chloroform-d	4.64	84	130847	52.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.20%
26) 1,2-Dichloroethane-d4	5.30	65	91027	54.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.86%
32) Benzene-d6	5.33	84	248768	52.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.24%
36) 1,2-Dichloropropane-d6	6.32	67	81043	53.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.60%
41) Toluene-d8	7.56	98	224477	50.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.44%
43) trans-1,3-Dichloropropene-	7.85	79	39182	49.54	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.08%
47) 2-Hexanone-d5	8.31	63	71379	100.53	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.53%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	118875	50.57	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.14%
64) 1,2-Dichlorobenzene-d4	11.85	152	88805	53.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.66%

Target Compounds

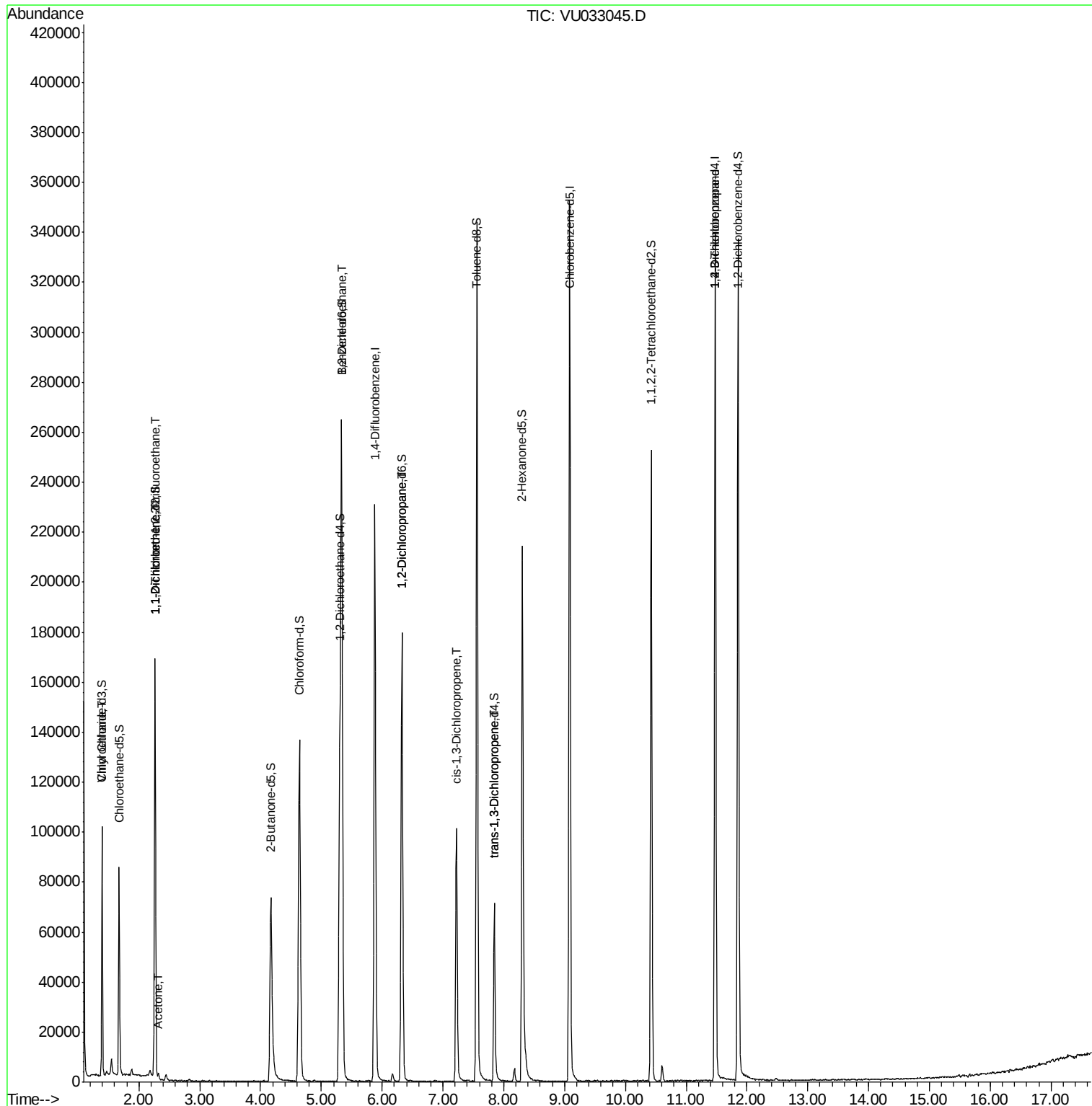
					Qvalue	
8) Chloroethane	1.40	64	978	0.999	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	815	0.651	ug/L #	17
12) 1,1-Dichloroethene	2.27	96	793	0.672	ug/L #	1
13) Acetone	2.32	43	1226	0.833	ug/L	78
27) 1,2-Dichloroethane	5.34	62	1685	0.816	ug/L #	77
37) 1,2-Dichloropropane	6.32	63	9885	6.832	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2904	1.288	ug/L #	66
44) trans-1,3-Dichloropropene	7.84	75	1836	0.867	ug/L	92
59) 1,2,3-Trichloropropane	11.48	75	10655	5.518	ug/L #	86

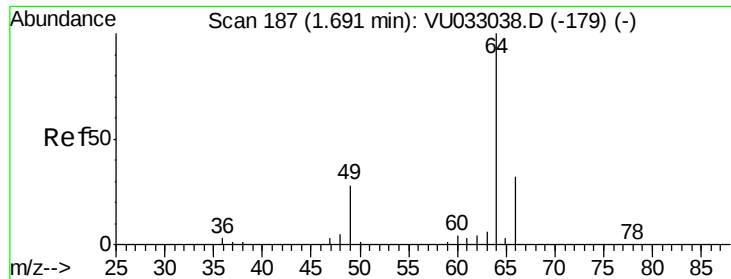
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 26 07:06:36 2019
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.999 ug/L

RT: 1.40 min Scan# 95

Delta R.T. -0.30 min

Lab File: VU033045.D

Acq: 25 Jun 2019 11:20

Instrument :

MSVOA_U

ClientSampleId :

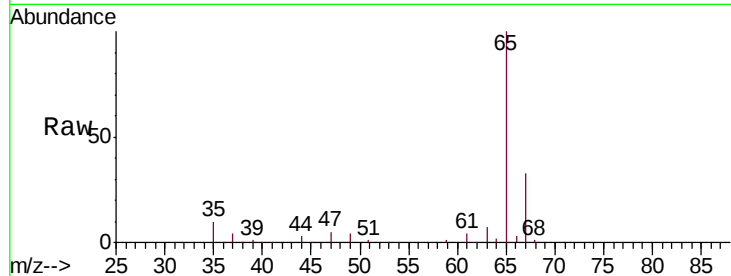
ETF40

Tgt Ion: 64 Resp: 978

Ion Ratio Lower Upper

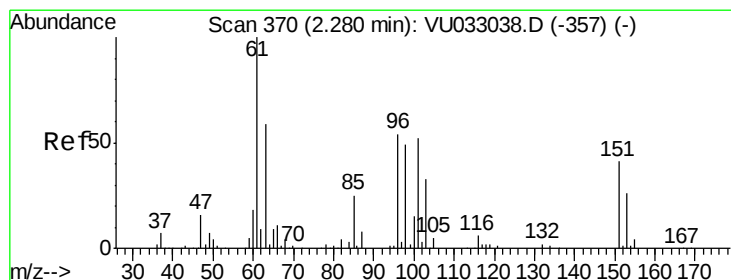
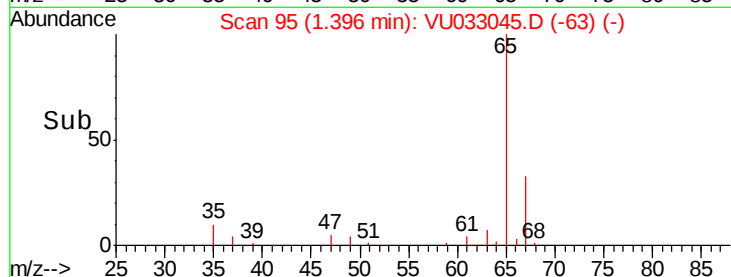
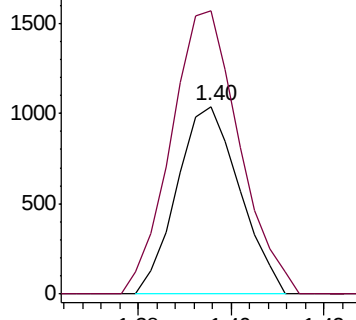
64 100

66 151.1 22.5 41.7#



Abundance Ion 64.00 (63.70 to 64.70): VU033038.D (-179) (-)

Ion 66.00 (65.70 to 66.70): VU033038.D (-179) (-)



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.651 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU033045.D

Acq: 25 Jun 2019 11:20

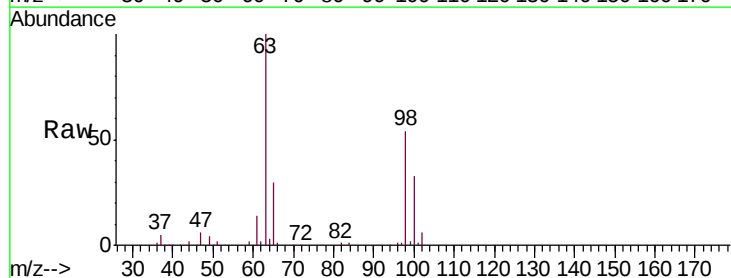
Tgt Ion: 101 Resp: 815

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

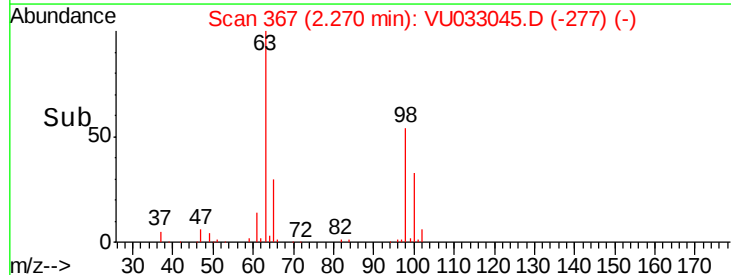
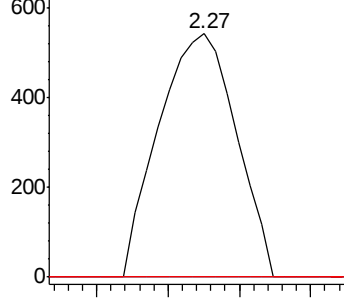
151 0.0 63.6 95.4#

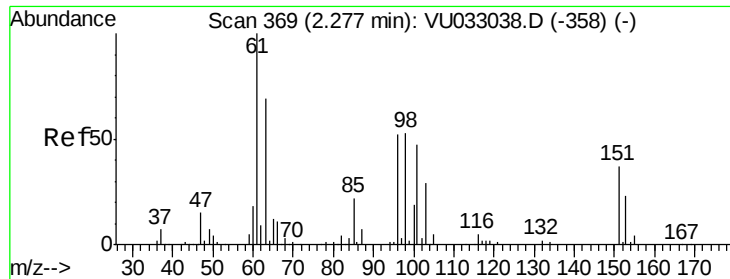


Abundance Ion 101.00 (100.70 to 101.70): VU033038.D (-357) (-)

Ion 85.00 (84.70 to 85.70): VU033038.D (-357) (-)

Ion 151.00 (150.70 to 151.70): VU033038.D (-357) (-)

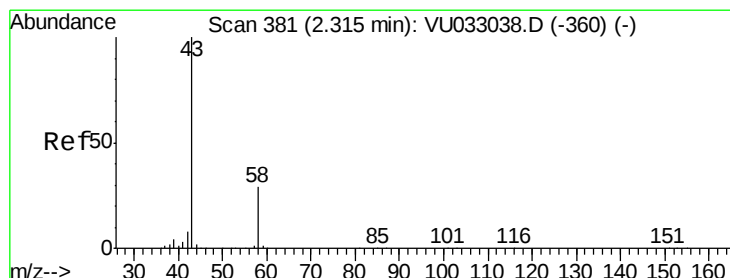
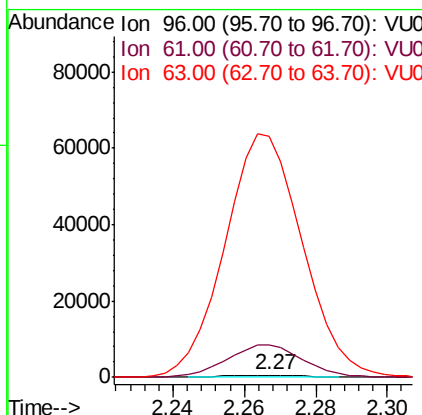
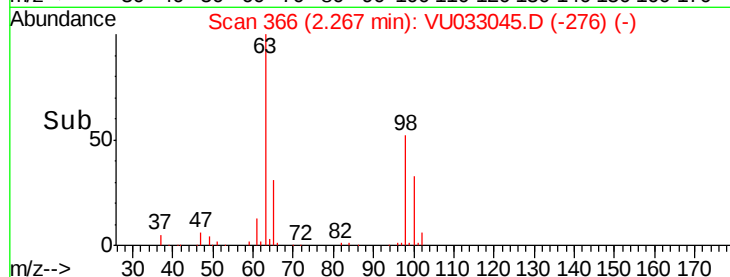
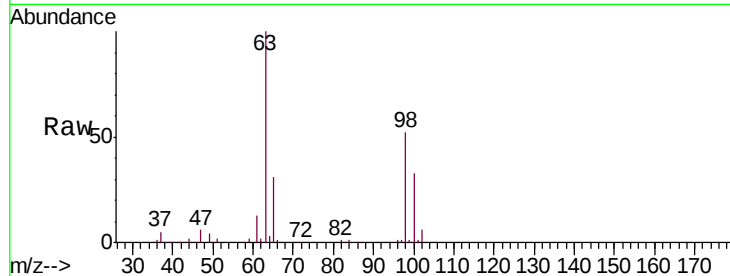




#12
 1,1-Dichloroethene
 Concen: 0.672 ug/L
 RT: 2.27 min Scan# 366
 Delta R.T. -0.01 min
 Lab File: VU033045.D
 Acq: 25 Jun 2019 11:20

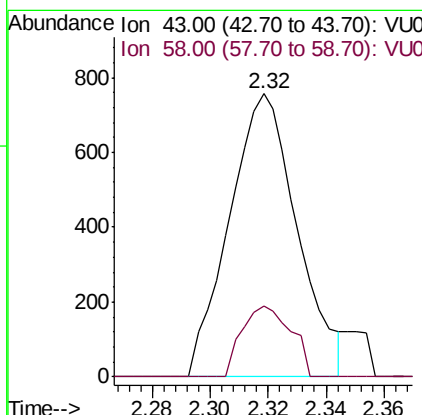
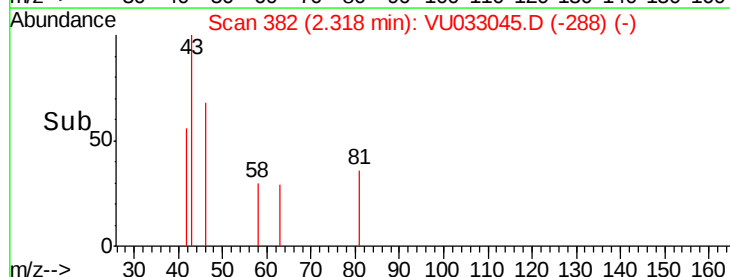
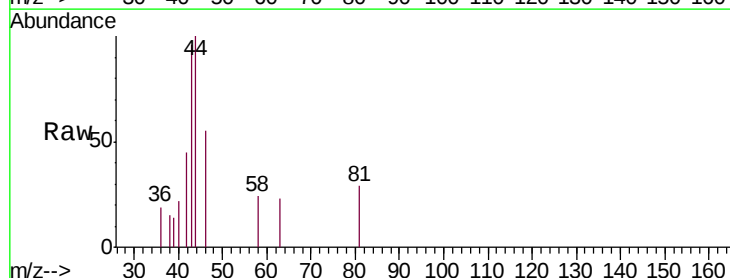
Instrument :
 MSVOA_U
 ClientSampleId :
 ETF40

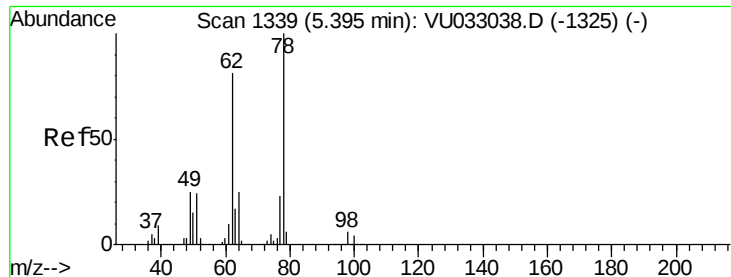
Tgt Ion: 96 Resp: 793
 Ion Ratio Lower Upper
 96 100
 61 1714.7 131.0 243.4#
 63 12705.0 101.0 187.6#



#13
 Acetone
 Concen: 0.833 ug/L
 RT: 2.32 min Scan# 382
 Delta R.T. 0.00 min
 Lab File: VU033045.D
 Acq: 25 Jun 2019 11:20

Tgt Ion: 43 Resp: 1226
 Ion Ratio Lower Upper
 43 100
 58 18.2 0.0 60.6





#27

1,2-Dichloroethane

Concen: 0.816 ug/L

RT: 5.34 min Scan# 1321

Delta R.T. -0.06 min

Lab File: VU033045.D

Acq: 25 Jun 2019 11:20

Instrument :

MSVOA_U

ClientSampleId :

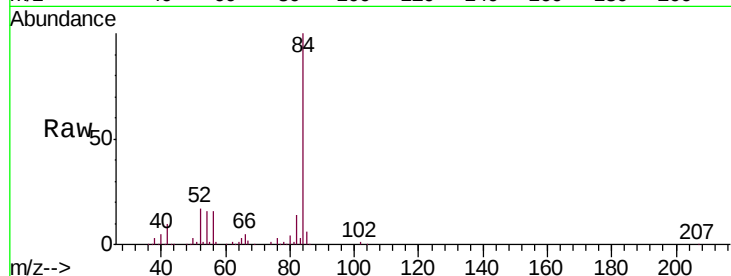
ETF40

Tgt Ion: 62 Resp: 1685

Ion Ratio Lower Upper

62 100

98 0.0 6.6 10.0#



Abundance Ion 62.00 (61.70 to 62.70): VU033038.D (-1325) (-)

Ion 98.00 (97.70 to 98.70): VU033038.D (-1325) (-)

5.34

800

600

400

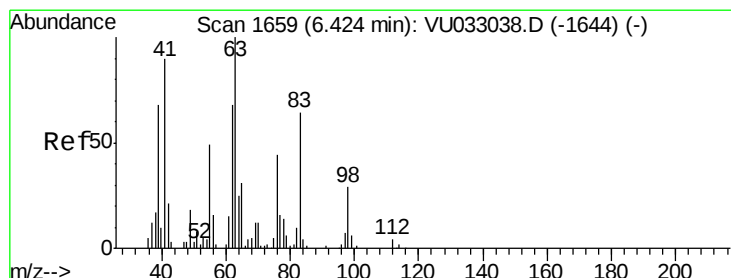
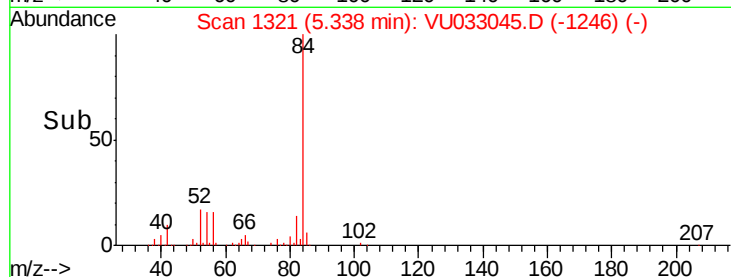
200

0

5.30

5.35

Time-->



#37

1,2-Dichloropropane

Concen: 6.832 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VU033045.D

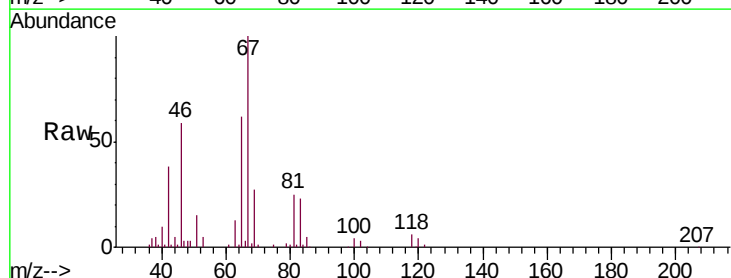
Acq: 25 Jun 2019 11:20

Tgt Ion: 63 Resp: 9885

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU033038.D (-1644) (-)

Ion 112.00 (111.70 to 112.70): VU033038.D (-1644) (-)

6.32

6000

5000

4000

3000

2000

1000

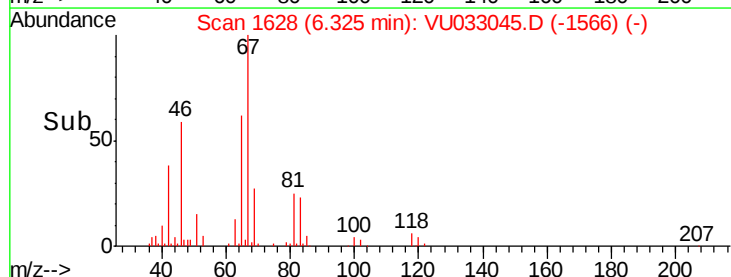
0

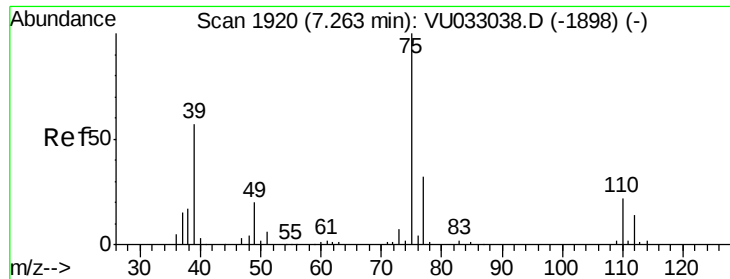
6.25

6.30

6.35

Time-->

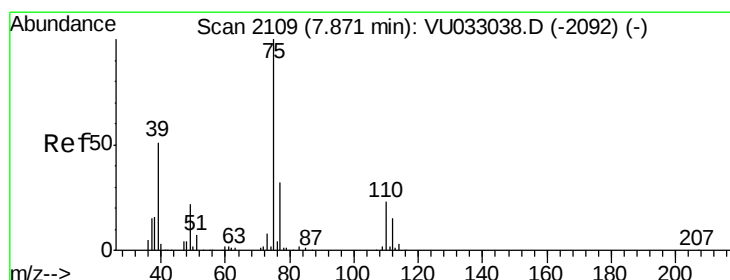
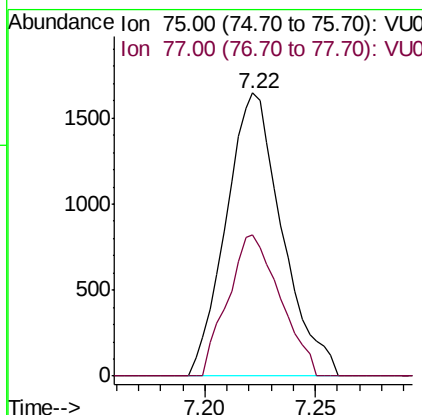
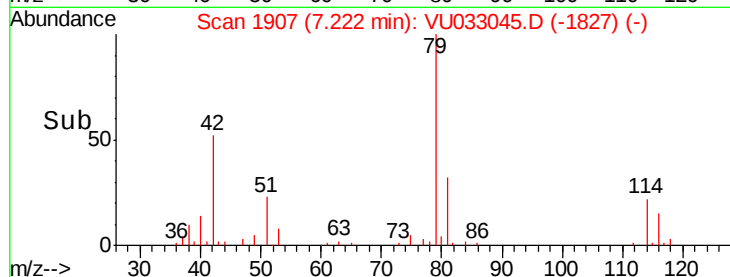
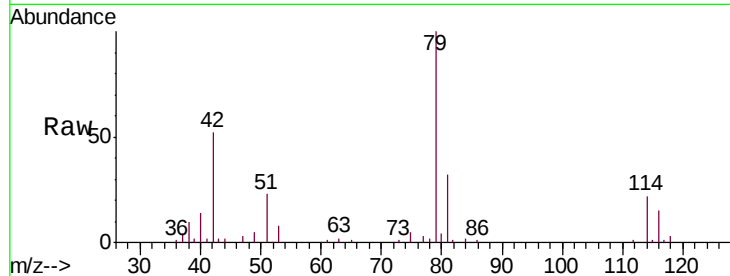




#39
 cis-1,3-Dichloropropene
 Concen: 1.288 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.04 min
 Lab File: VU033045.D
 Acq: 25 Jun 2019 11:20

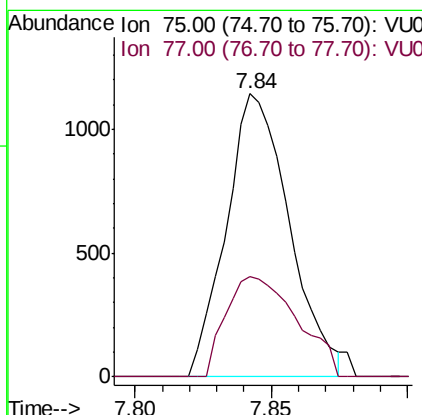
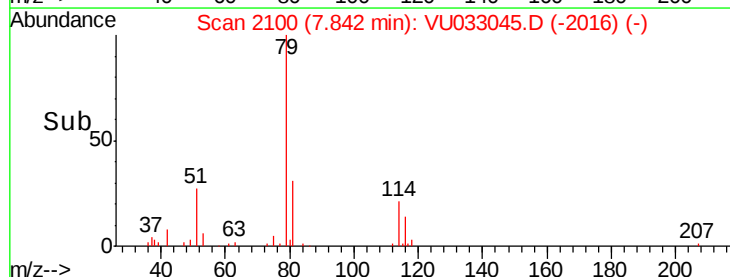
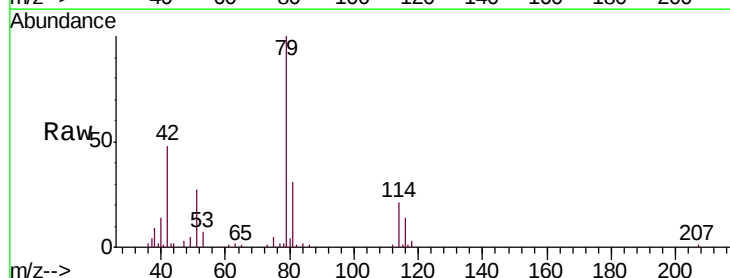
Instrument :
 MSVOA_U
 ClientSampled :
 ETF40

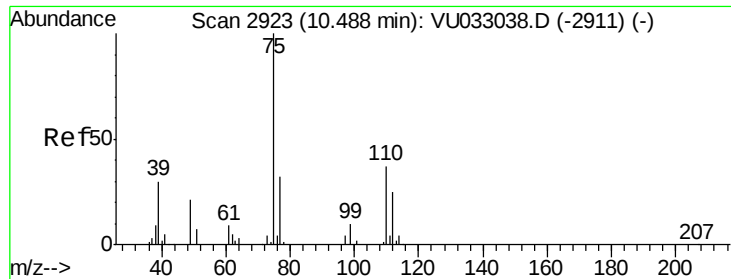
Tgt Ion: 75 Resp: 2904
 Ion Ratio Lower Upper
 75 100
 77 49.8 21.9 40.7#



#44
 trans-1,3-Dichloropropene
 Concen: 0.867 ug/L
 RT: 7.84 min Scan# 2100
 Delta R.T. -0.03 min
 Lab File: VU033045.D
 Acq: 25 Jun 2019 11:20

Tgt Ion: 75 Resp: 1836
 Ion Ratio Lower Upper
 75 100
 77 35.7 21.8 40.4





#59

1,2,3-Trichloropropane

Concen: 5.518 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU033045.D

Acq: 25 Jun 2019 11:20

Instrument :

MSVOA_U

ClientSampleId :

ETF40

Tgt Ion: 75 Resp: 10655

Ion Ratio Lower Upper

75 100

77 39.5 25.5 38.3#

