

Data File : VU032953.D
Acq On : 21 Jun 2019 18:42
Operator : JC/SP
Sample : K3463-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETF15

Quant Time: Jun 22 01:59:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 22 01:56:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	187273	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	184312	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	85717	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	47425	37.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.12%
7) Chloroethane-d5	1.68	69	43243	42.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.72%
11) 1,1-Dichloroethene-d2	2.26	63	78108	30.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.58%
21) 2-Butanone-d5	4.17	46	117185	110.01	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.01%
24) Chloroform-d	4.64	84	116618	46.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.74%
26) 1,2-Dichloroethane-d4	5.30	65	82234	49.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.24%
32) Benzene-d6	5.33	84	213649	44.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.94%
36) 1,2-Dichloropropane-d6	6.32	67	72655	47.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.94%
41) Toluene-d8	7.56	98	189443	42.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.20%
43) trans-1,3-Dichloropropene-	7.85	79	34517	43.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.70%
47) 2-Hexanone-d5	8.31	63	70284	98.34	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.34%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	112892	47.71	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.42%
64) 1,2-Dichlorobenzene-d4	11.86	152	79473	47.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.82%

Target Compounds

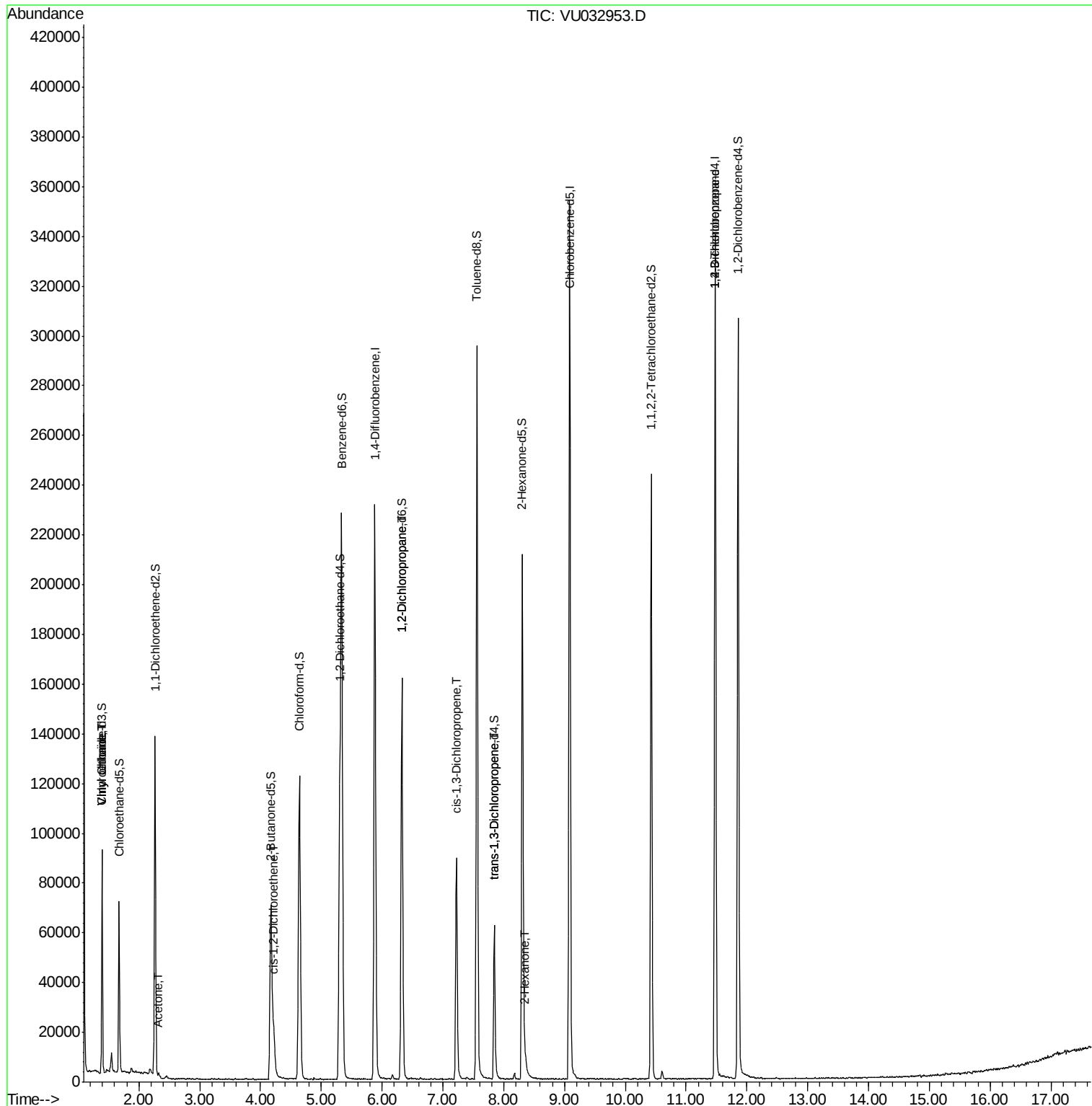
					Qvalue
5) Vinyl chloride	1.40	62	7259	4.269 ug/L #	81
8) Chloroethane	1.40	64	3169	3.237 ug/L	95
13) Acetone	2.32	43	1240	0.843 ug/L	67
20) cis-1,2-Dichloroethene	4.22	96	7592	5.449 ug/L	98
37) 1,2-Dichloropropane	6.32	63	8874	6.093 ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2566	1.131 ug/L	87
44) trans-1,3-Dichloropropene	7.84	75	1611	0.756 ug/L	89
48) 2-Hexanone	8.36	43	3054	1.489 ug/L #	76
59) 1,2,3-Trichloropropane	11.48	75	11476	5.904 ug/L	92

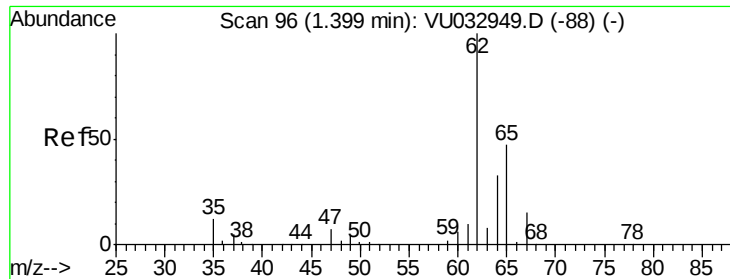
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU032953.D
Acq On : 21 Jun 2019 18:42
Operator : JC/SP
Sample : K3463-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETF15

Quant Time: Jun 22 01:59:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 22 01:56:09 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 4.269 ug/L

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

Lab File: VU032953.D

Acq: 21 Jun 2019 18:42

Instrument :

MSVOA_U

ClientSampleId :

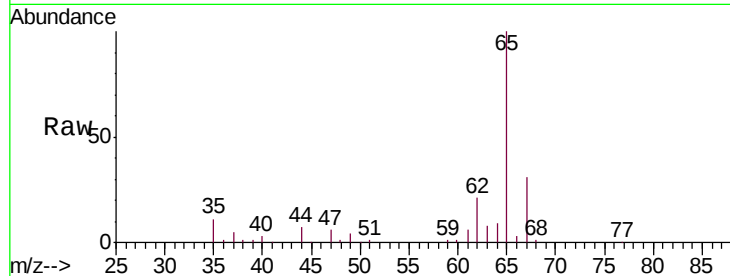
ETF15

Tgt Ion: 62 Resp: 7259

Ion Ratio Lower Upper

62 100

64 43.3 23.0 42.6#



Abundance Ion 62.00 (61.70 to 62.70): VU032949.D (-88) (-)

Ion 64.00 (63.70 to 64.70): VU032949.D (-88) (-)

1.40

8000

6000

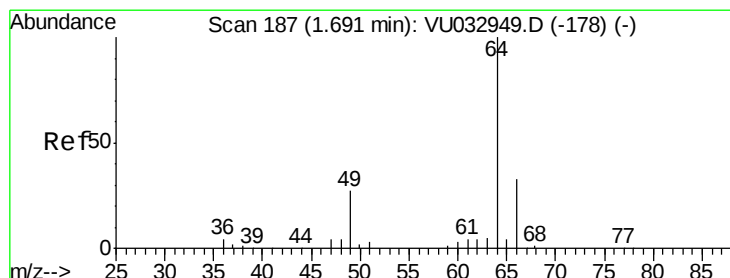
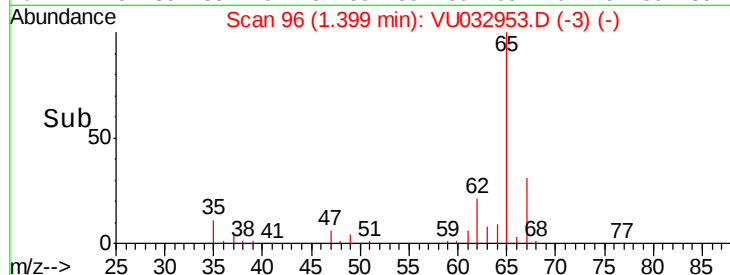
4000

2000

0

1.36 1.38 1.40 1.42 1.44

Time-->



#8

Chloroethane

Concen: 3.237 ug/L

RT: 1.40 min Scan# 96

Delta R.T. -0.29 min

Lab File: VU032953.D

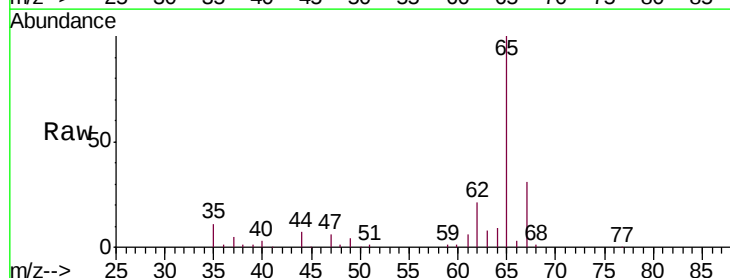
Acq: 21 Jun 2019 18:42

Tgt Ion: 64 Resp: 3169

Ion Ratio Lower Upper

64 100

66 29.1 22.5 41.7



Abundance Ion 64.00 (63.70 to 64.70): VU032949.D (-178) (-)

Ion 66.00 (65.70 to 66.70): VU032949.D (-178) (-)

1.40

3000

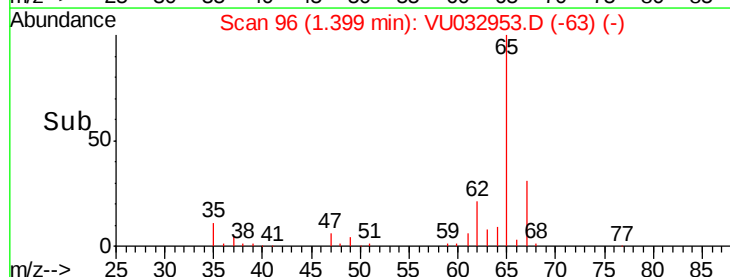
2000

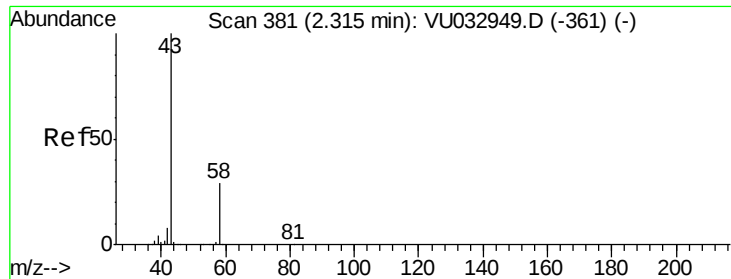
1000

0

1.36 1.38 1.40 1.42

Time-->





#13

Acetone

Concen: 0.843 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032953.D

Acq: 21 Jun 2019 18:42

Instrument :

MSVOA_U

ClientSampleId :

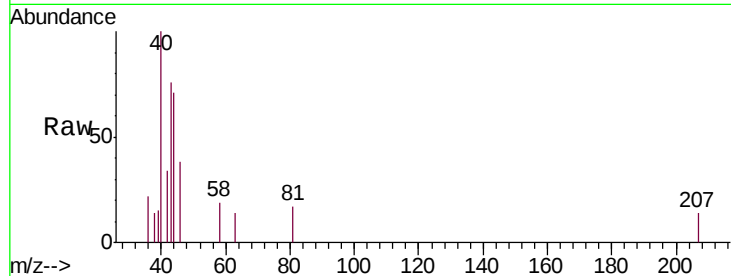
ETF15

Tgt Ion: 43 Resp: 1240

Ion Ratio Lower Upper

43 100

58 12.3 0.0 60.6



Abundance Ion 43.00 (42.70 to 43.70): VU032949.D (-361) (-)

Ion 58.00 (57.70 to 58.70): VU032949.D (-361) (-)

2.32

600

400

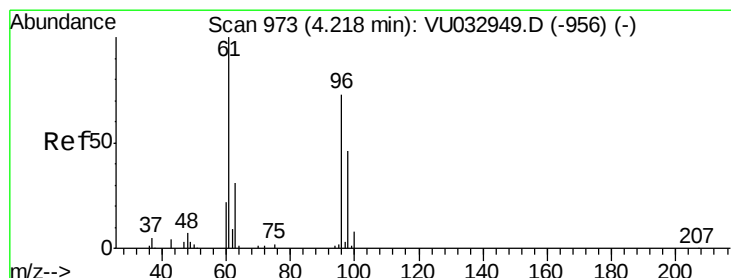
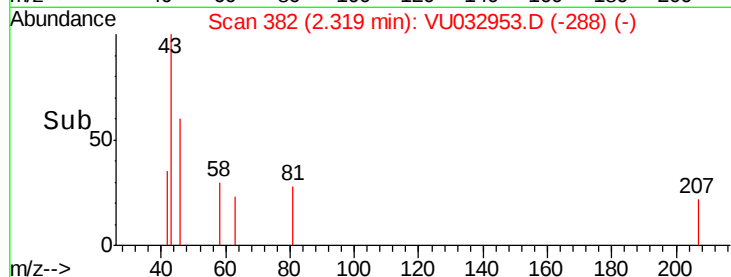
200

0

2.25

2.30

2.35



#20

cis-1,2-Dichloroethene

Concen: 5.449 ug/L

RT: 4.22 min Scan# 973

Delta R.T. 0.00 min

Lab File: VU032953.D

Acq: 21 Jun 2019 18:42

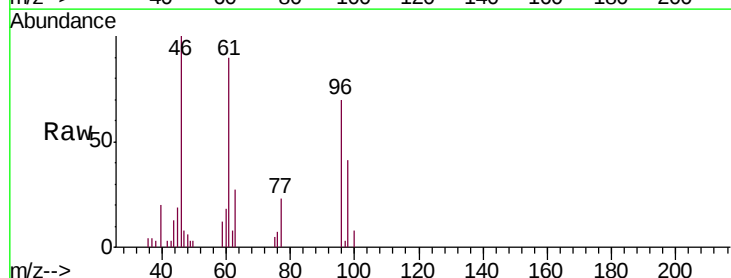
Tgt Ion: 96 Resp: 7592

Ion Ratio Lower Upper

96 100

61 129.1 92.4 171.6

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU032949.D (-956) (-)

Ion 61.00 (60.70 to 61.70): VU032949.D (-956) (-)

Ion 68.00 (67.70 to 68.70): VU032949.D (-956) (-)

5000

4000

3000

2000

1000

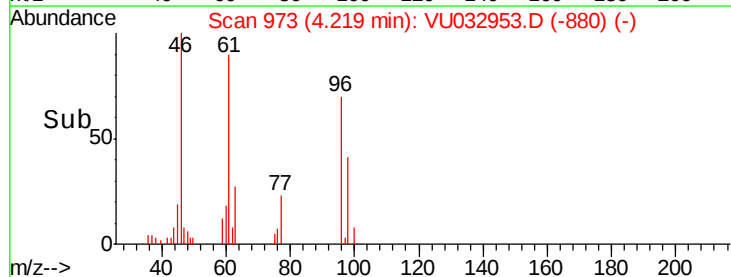
0

4.15

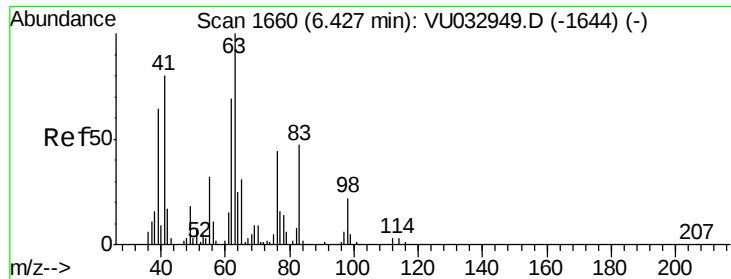
4.20

4.25

4.30



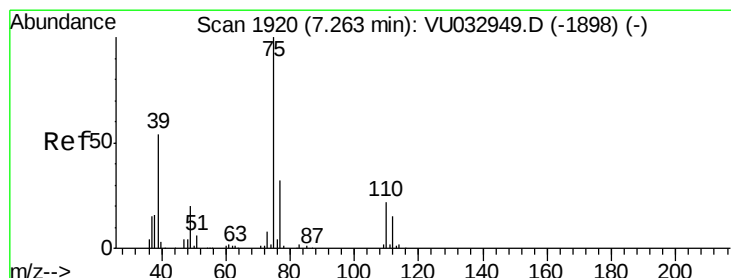
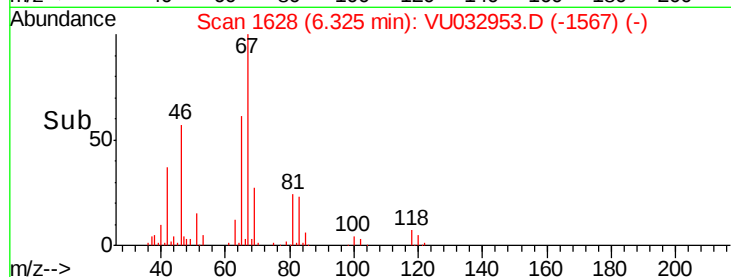
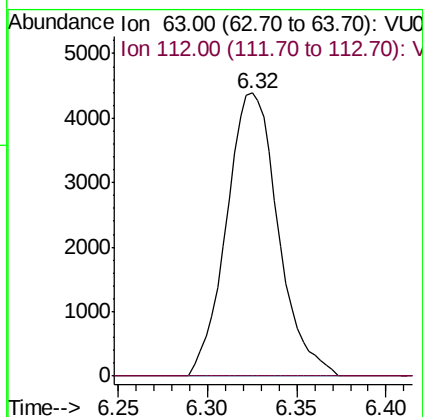
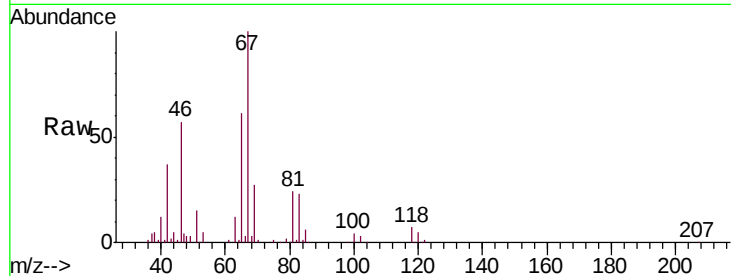
Time-->



#37
 1,2-Dichloropropane
 Concen: 6.093 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VU032953.D
 Acq: 21 Jun 2019 18:42

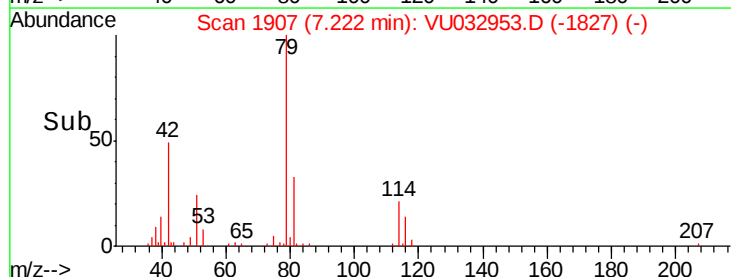
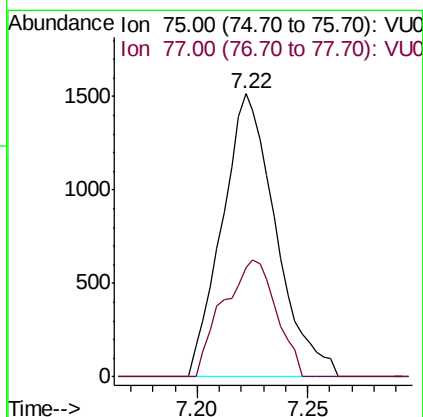
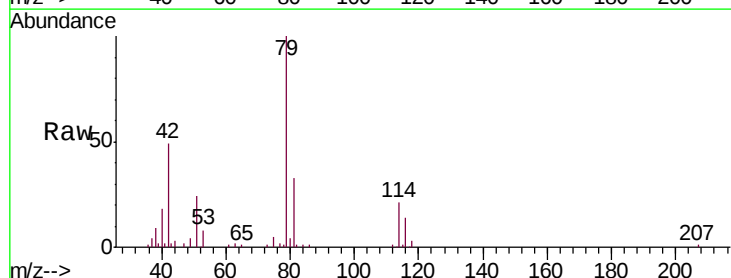
Instrument :
 MSVOA_U
 ClientSampleId :
 ETF15

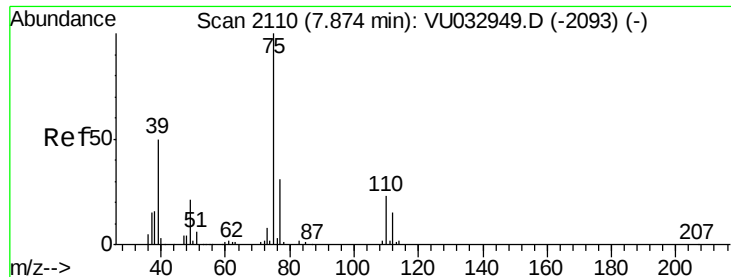
Tgt Ion: 63 Resp: 8874
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 1.131 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.04 min
 Lab File: VU032953.D
 Acq: 21 Jun 2019 18:42

Tgt Ion: 75 Resp: 2566
 Ion Ratio Lower Upper
 75 100
 77 38.5 21.9 40.7

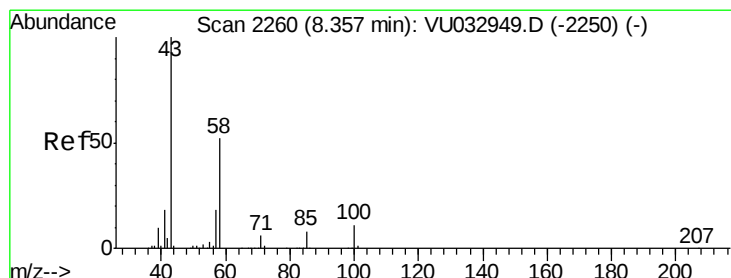
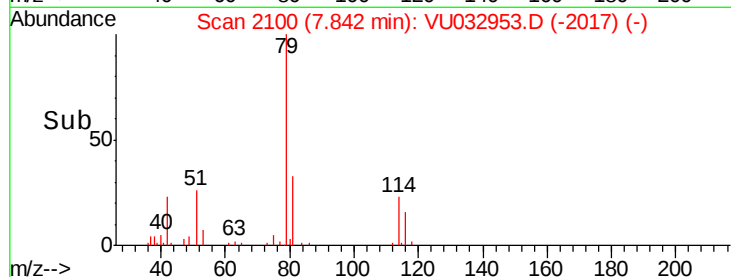
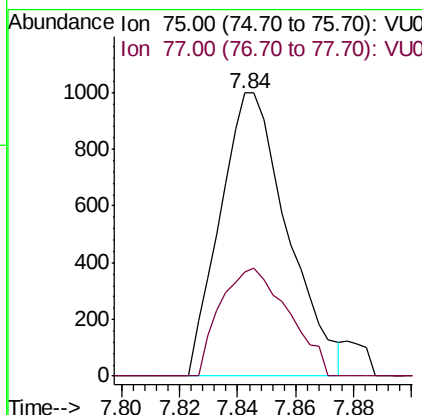
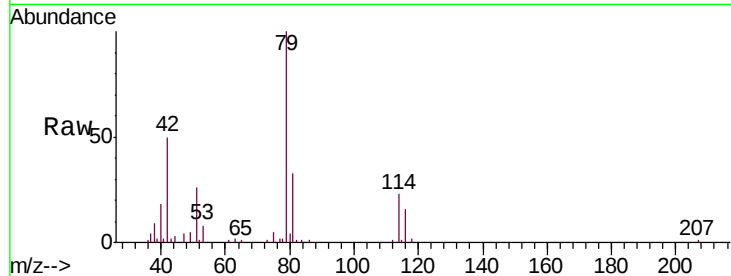




#44
 trans-1,3-Dichloropropene
 Concen: 0.756 ug/L
 RT: 7.84 min Scan# 2100
 Delta R.T. -0.03 min
 Lab File: VU032953.D
 Acq: 21 Jun 2019 18:42

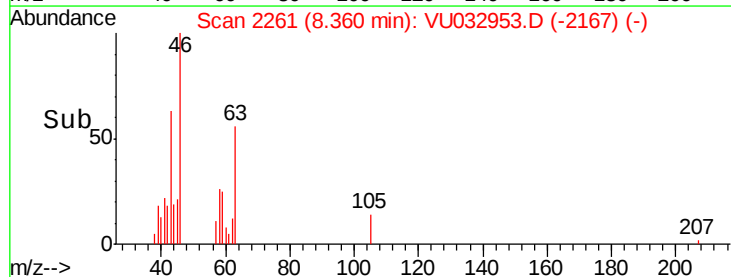
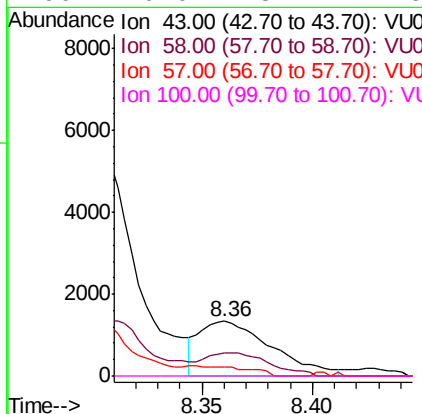
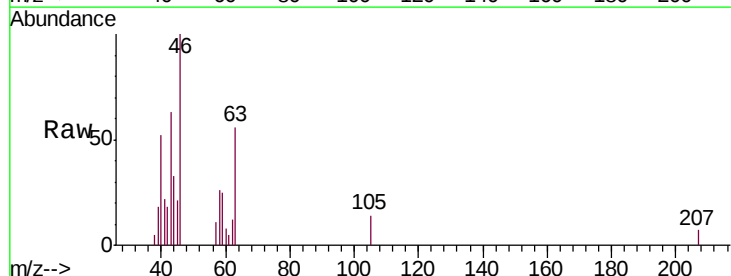
Instrument :
 MSVOA_U
 ClientSampled :
 ETF15

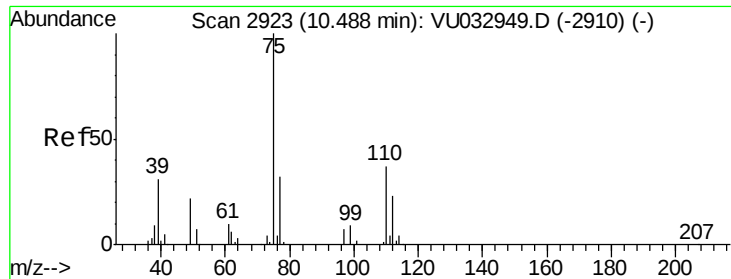
Tgt Ion: 75 Resp: 1611
 Ion Ratio Lower Upper
 75 100
 77 37.0 21.8 40.4



#48
 2-Hexanone
 Concen: 1.489 ug/L
 RT: 8.36 min Scan# 2261
 Delta R.T. 0.00 min
 Lab File: VU032953.D
 Acq: 21 Jun 2019 18:42

Tgt Ion: 43 Resp: 3054
 Ion Ratio Lower Upper
 43 100
 58 36.9 40.2 60.2#
 57 1.7 14.2 21.4#
 100 0.0 8.4 12.6#





#59

1,2,3-Trichloropropane

Concen: 5.904 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032953.D

Acq: 21 Jun 2019 18:42

Instrument :

MSVOA_U

ClientSampleId :

ETF15

Tgt Ion: 75 Resp: 11476

Ion Ratio Lower Upper

75 100

77 36.6 25.5 38.3

