

Data File : VU032988.D
Acq On : 22 Jun 2019 08:52
Operator : JC/SP
Sample : K3464-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 58 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETF44

Quant Time: Jun 24 02:05:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Jun 24 02:01:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	182826	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	181463	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	84565	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	50437	40.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.74%
7) Chloroethane-d5	1.68	69	45980	46.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.28%
11) 1,1-Dichloroethene-d2	2.26	63	82456	32.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.52%
21) 2-Butanone-d5	4.17	46	124227	119.45	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	119.45%
24) Chloroform-d	4.64	84	121975	50.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.44%
26) 1,2-Dichloroethane-d4	5.30	65	86738	53.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.22%
32) Benzene-d6	5.33	84	225897	47.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.50%
36) 1,2-Dichloropropane-d6	6.32	67	75135	49.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.72%
41) Toluene-d8	7.56	98	200349	45.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.46%
43) trans-1,3-Dichloropropene-	7.85	79	31764	40.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.04%
47) 2-Hexanone-d5	8.31	63	73216	104.06	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.06%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	118425	50.84	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.68%
64) 1,2-Dichlorobenzene-d4	11.85	152	82794	50.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.18%

Target Compounds

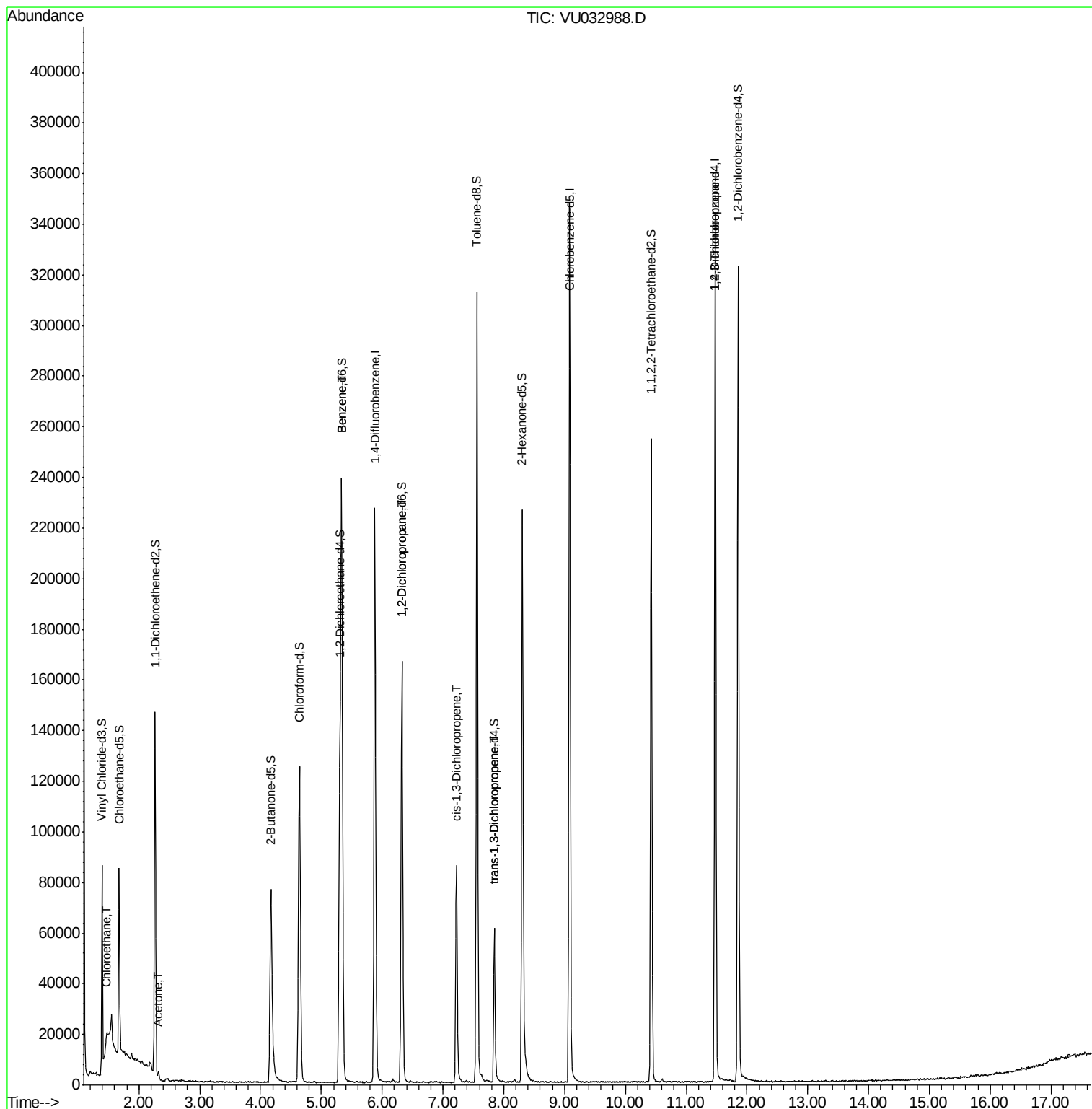
					Qvalue
8) Chloroethane	1.48	64	23917	25.026 ug/L #	51
13) Acetone	2.32	43	2494	1.736 ug/L	87
33) Benzene	5.33	78	2154	0.412 ug/L	100
37) 1,2-Dichloropropane	6.32	63	8851	6.172 ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2576	1.153 ug/L #	71
44) trans-1,3-Dichloropropene	7.84	75	1693	0.807 ug/L #	79
59) 1,2,3-Trichloropropane	11.48	75	10685	5.584 ug/L #	84

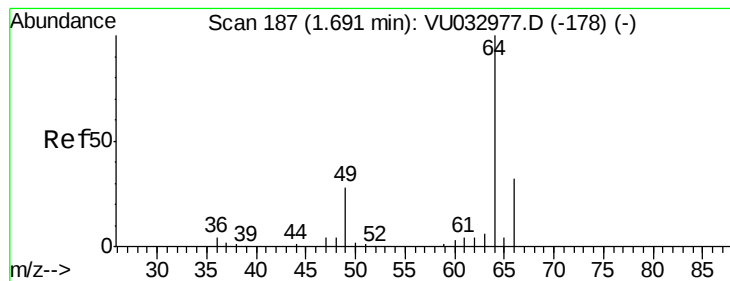
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 25.026 ug/L

RT: 1.48 min Scan# 121

Delta R.T. -0.21 min

Lab File: VU032988.D

Acq: 22 Jun 2019 08:52

Instrument :

MSVOA_U

ClientSampleId :

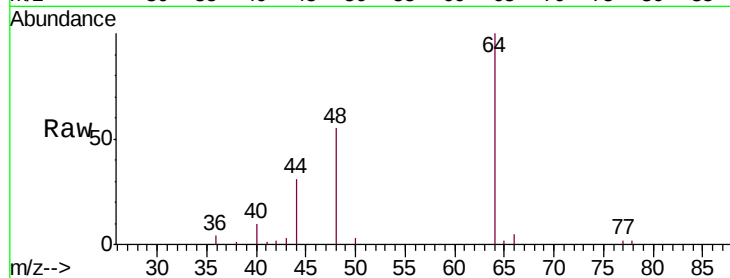
ETF44

Tgt Ion: 64 Resp: 23917

Ion Ratio Lower Upper

64 100

66 4.9 22.5 41.7#



Abundance Ion 64.00 (63.70 to 64.70): VU032977.D (-178) (-)

Ion 66.00 (65.70 to 66.70): VU032977.D (-178) (-)

10000

8000

6000

4000

2000

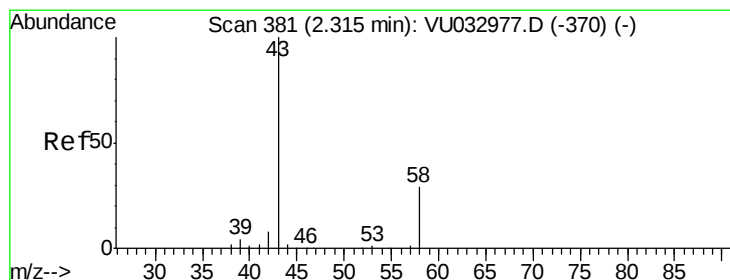
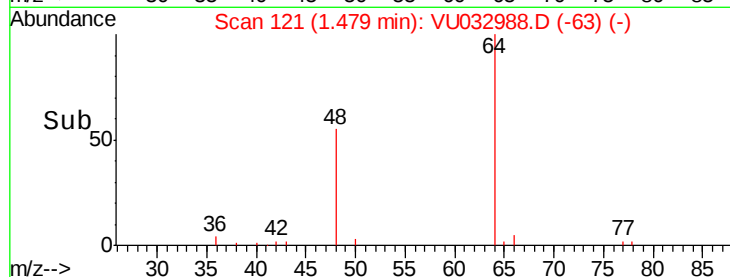
0

1.40

1.45

1.50

Time-->



#13

Acetone

Concen: 1.736 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032988.D

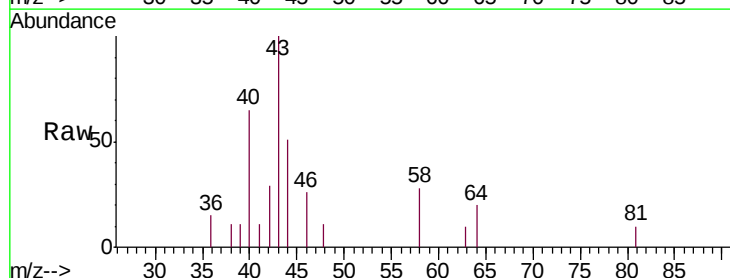
Acq: 22 Jun 2019 08:52

Tgt Ion: 43 Resp: 2494

Ion Ratio Lower Upper

43 100

58 23.4 0.0 60.6



Abundance Ion 43.00 (42.70 to 43.70): VU032977.D (-370) (-)

Ion 58.00 (57.70 to 58.70): VU032977.D (-370) (-)

1500

1000

500

0

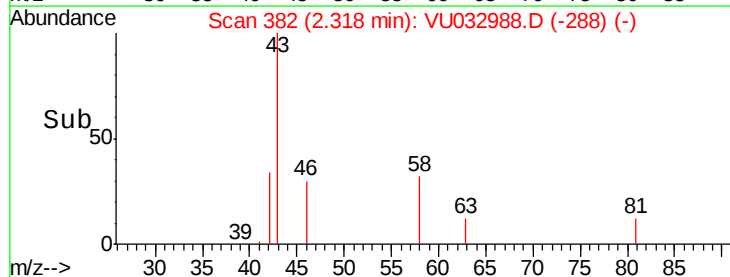
2.25

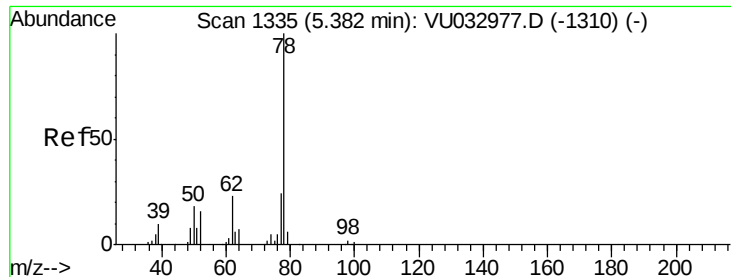
2.30

2.35

2.40

Time-->





#33

Benzene

Concen: 0.412 ug/L

RT: 5.33 min Scan# 1319

Delta R.T. -0.05 min

Lab File: VU032988.D

Acq: 22 Jun 2019 08:52

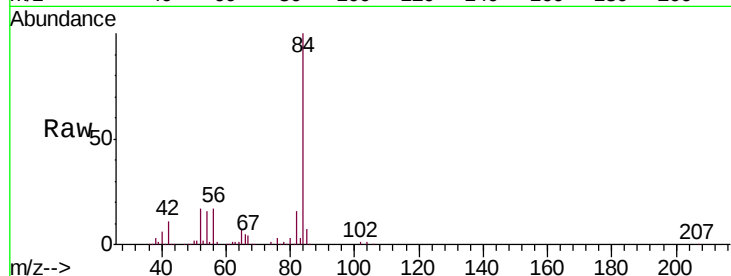
Instrument :

MSVOA_U

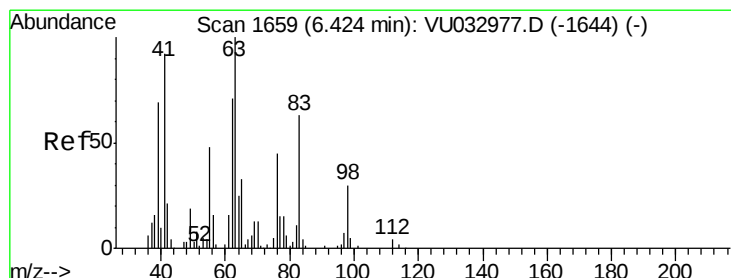
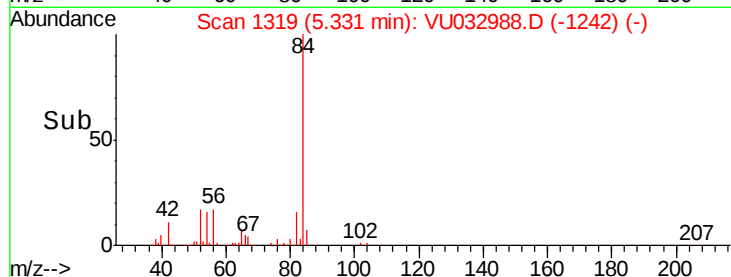
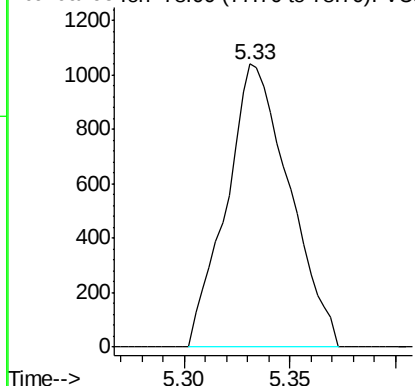
ClientSampleId :

ETF44

Tgt Ion: 78 Resp: 2154



Abundance Ion 78.00 (77.70 to 78.70): VU0



#37

1,2-Dichloropropane

Concen: 6.172 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VU032988.D

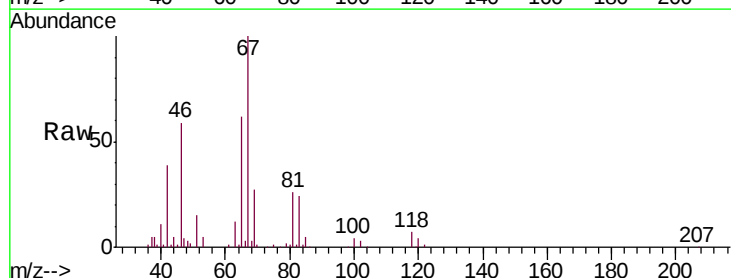
Acq: 22 Jun 2019 08:52

Tgt Ion: 63 Resp: 8851

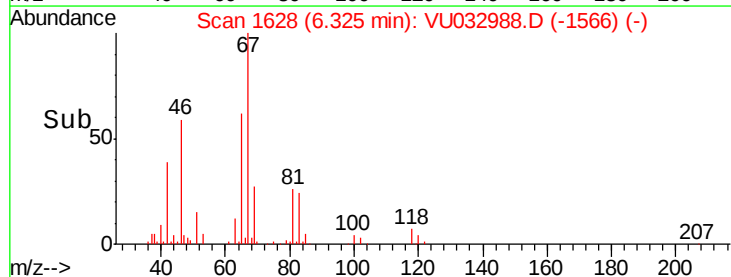
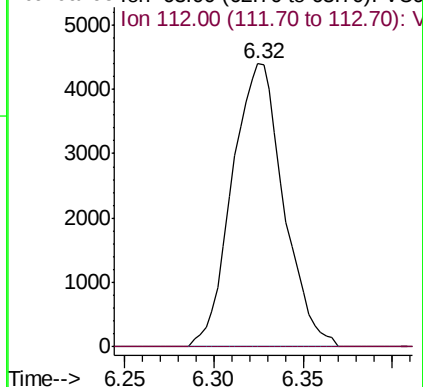
Ion Ratio Lower Upper

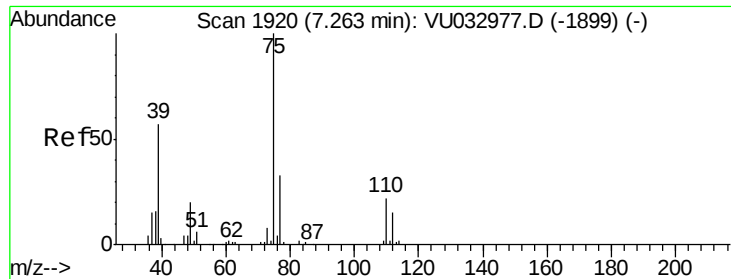
63 100

112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU0





#39

cis-1,3-Dichloropropene

Concen: 1.153 ug/L

RT: 7.22 min Scan# 1906

Delta R.T. -0.04 min

Lab File: VU032988.D

Acq: 22 Jun 2019 08:52

Instrument :

MSVOA_U

ClientSampleId :

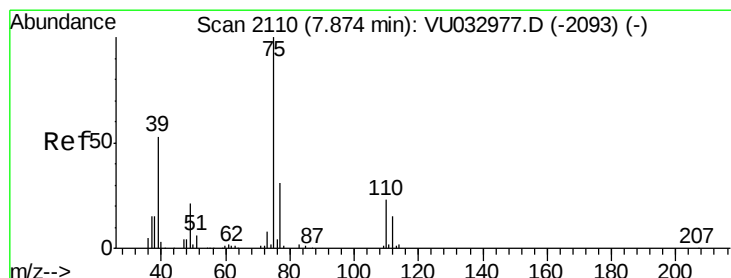
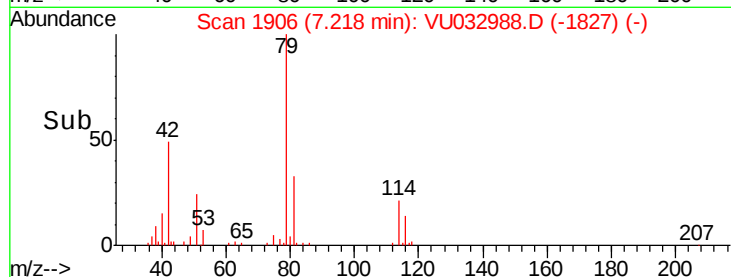
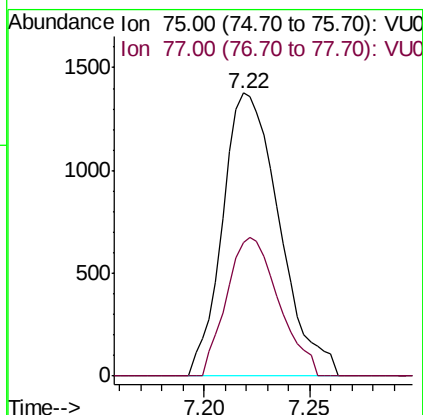
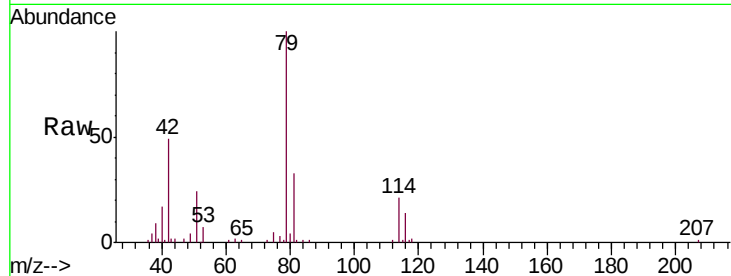
ETF44

Tgt Ion: 75 Resp: 2576

Ion Ratio Lower Upper

75 100

77 47.3 21.9 40.7#



#44

trans-1,3-Dichloropropene

Concen: 0.807 ug/L

RT: 7.84 min Scan# 2100

Delta R.T. -0.03 min

Lab File: VU032988.D

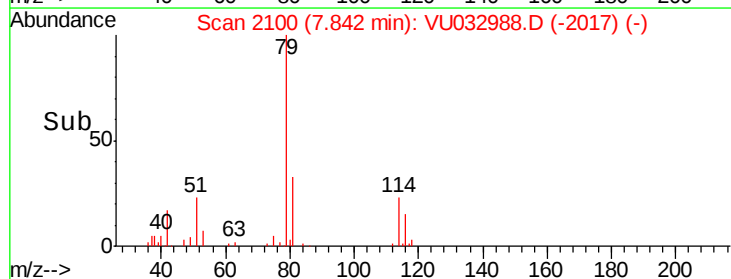
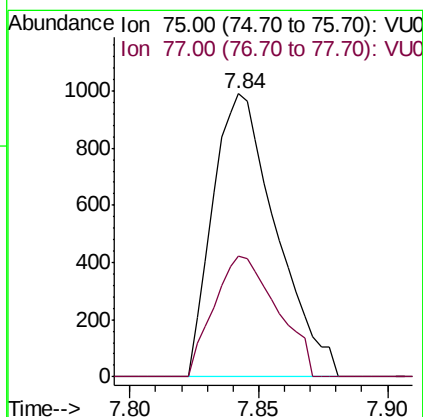
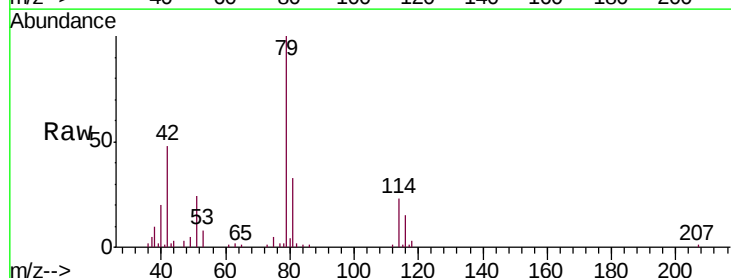
Acq: 22 Jun 2019 08:52

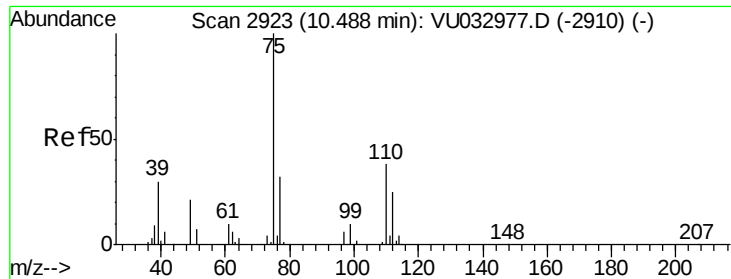
Tgt Ion: 75 Resp: 1693

Ion Ratio Lower Upper

75 100

77 42.6 21.8 40.4#





#59

1,2,3-Trichloropropane

Concen: 5.584 ug/L

RT: 11.48 min Scan# 3230

Delta R.T. 0.99 min

Lab File: VU032988.D

Acq: 22 Jun 2019 08:52

Instrument :

MSVOA_U

ClientSampleId :

ETF44

Tgt Ion: 75 Resp: 10685

Ion Ratio Lower Upper

75 100

77 40.8 25.5 38.3#

