

Data File : VU032980.D
Acq On : 22 Jun 2019 05:49
Operator : JC/SP
Sample : K3464-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETF56

Quant Time: Jun 24 02:04:27 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	194840	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	194720	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	91427	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	49774	37.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.76%
7) Chloroethane-d5	1.68	69	44595	41.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.98%
11) 1,1-Dichloroethene-d2	2.26	63	81594	30.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.84%
21) 2-Butanone-d5	4.17	46	121995	110.07	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.07%
24) Chloroform-d	4.64	84	122081	47.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.32%
26) 1,2-Dichloroethane-d4	5.30	65	87669	50.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.68%
32) Benzene-d6	5.33	84	229270	45.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.34%
36) 1,2-Dichloropropane-d6	6.32	67	77677	48.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.08%
41) Toluene-d8	7.56	98	206555	43.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.90%
43) trans-1,3-Dichloropropene-	7.85	79	35227	41.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.76%
47) 2-Hexanone-d5	8.31	63	73213	96.97	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.97%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	118002	47.21	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.42%
64) 1,2-Dichlorobenzene-d4	11.85	152	83381	47.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.26%

Target Compounds

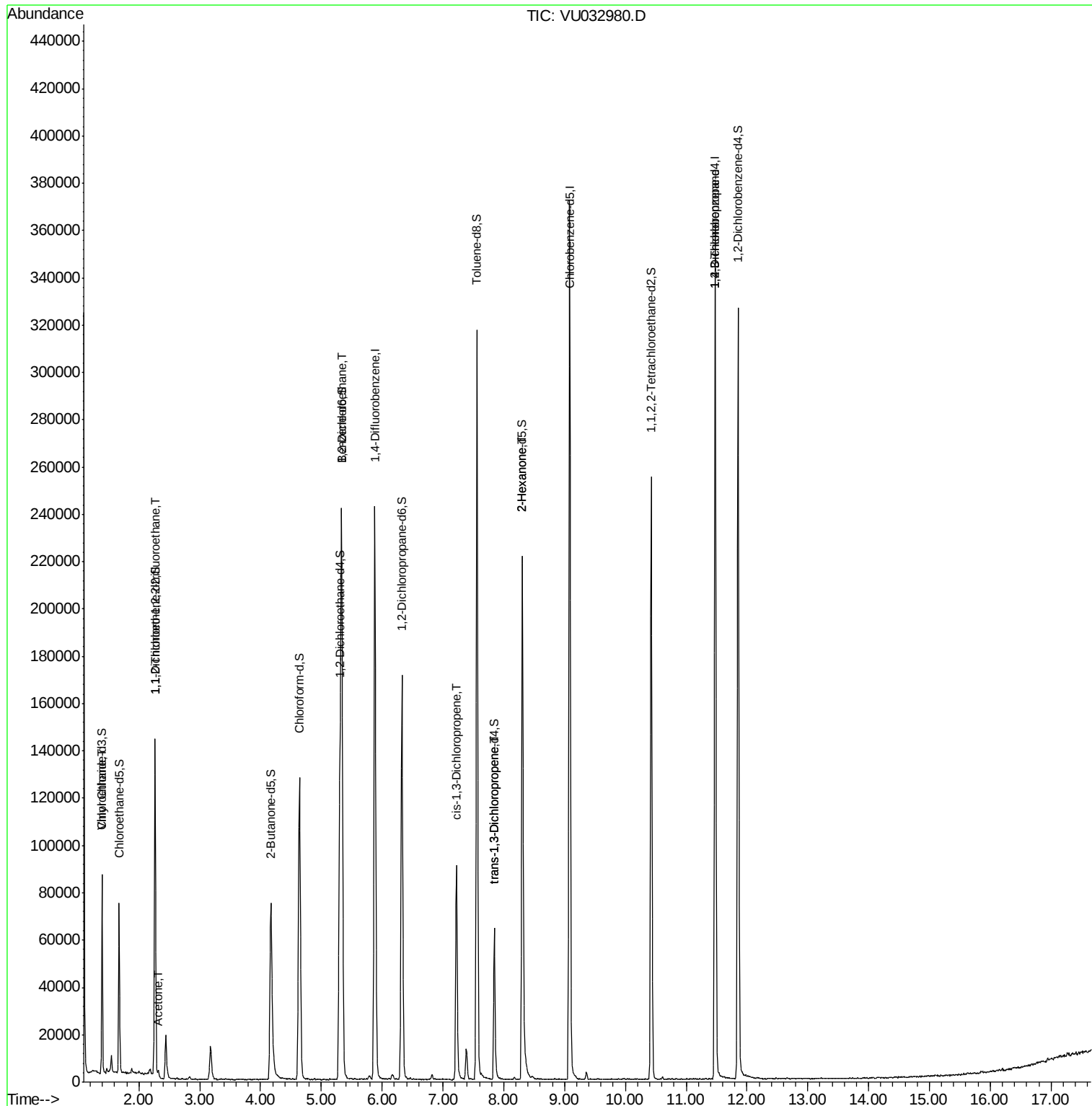
					Qvalue	
8) Chloroethane	1.39	64	772	0.758	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	736	0.565	ug/L #	17
13) Acetone	2.32	43	2563	1.674	ug/L	89
27) 1,2-Dichloroethane	5.33	62	1560	0.726	ug/L #	77
39) cis-1,3-Dichloropropene	7.22	75	2772	1.156	ug/L	85
44) trans-1,3-Dichloropropene	7.85	75	1947	0.865	ug/L	88
48) 2-Hexanone	8.31	43	10134	4.676	ug/L #	71
59) 1,2,3-Trichloropropane	11.48	75	12068	5.877	ug/L	91

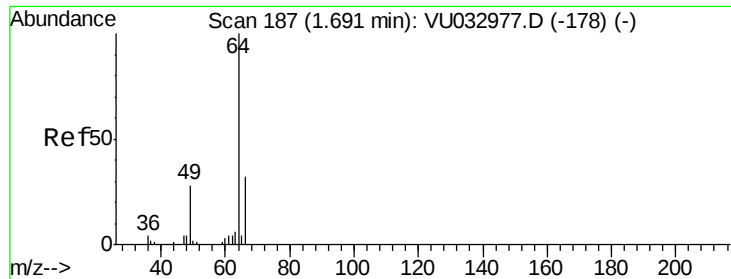
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.758 ug/L

RT: 1.39 min Scan# 94

Delta R.T. -0.30 min

Lab File: VU032980.D

Acq: 22 Jun 2019 05:49

Instrument :

MSVOA_U

ClientSampled :

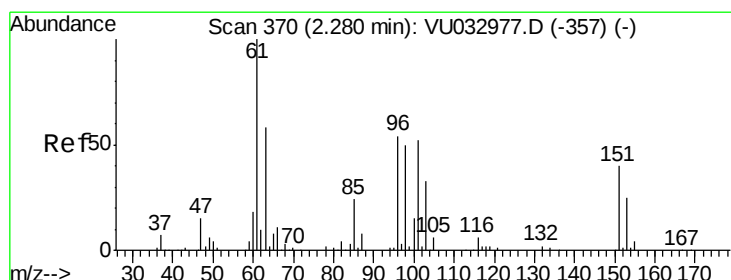
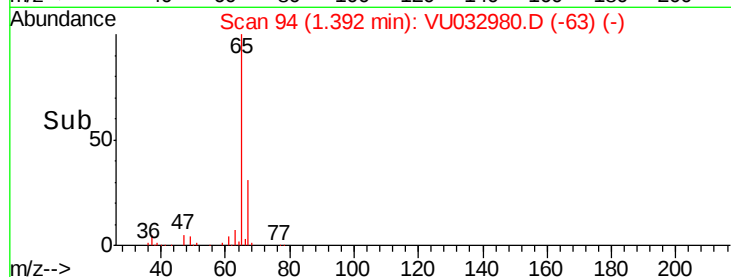
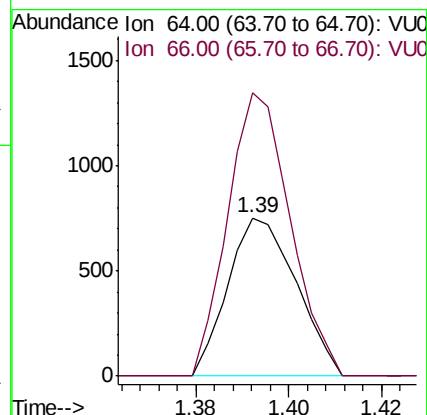
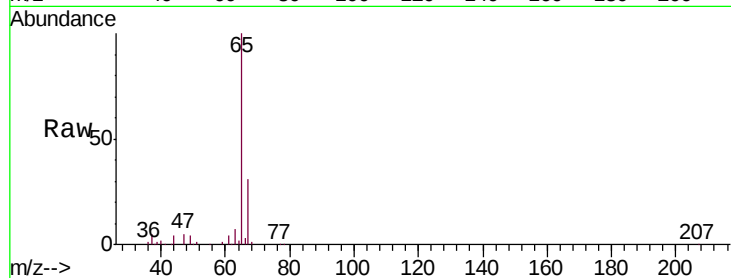
ETF56

Tgt Ion: 64 Resp: 772

Ion Ratio Lower Upper

64 100

66 178.9 22.5 41.7#



#10

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

Concen: 0.565 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032980.D

Acq: 22 Jun 2019 05:49

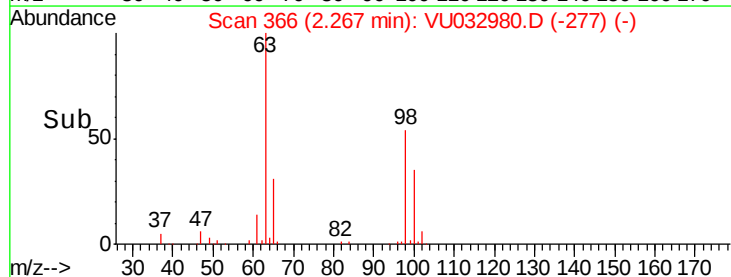
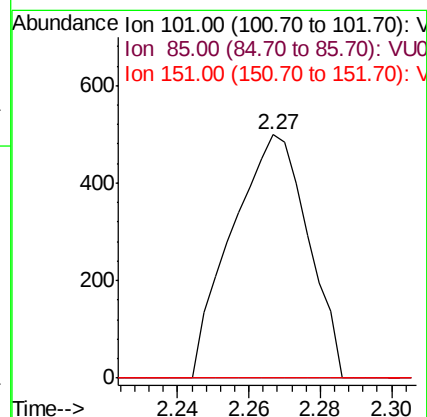
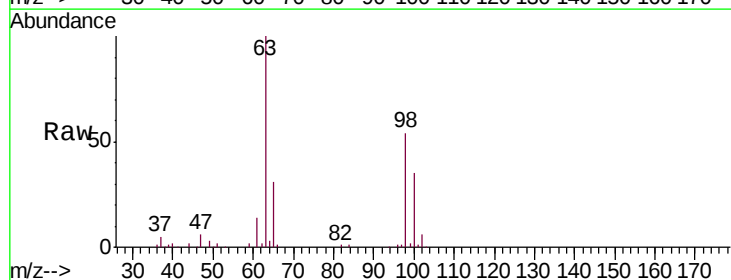
Tgt Ion: 101 Resp: 736

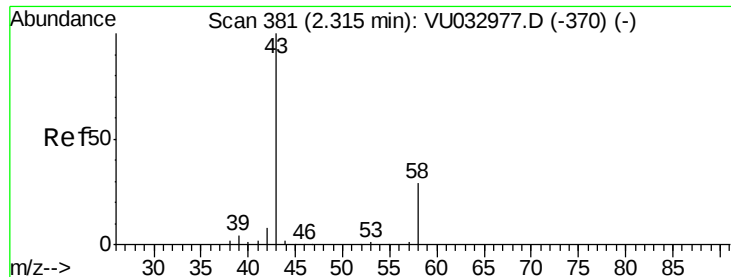
Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

151 0.0 63.6 95.4#





#13

Acetone

Concen: 1.674 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032980.D

Acq: 22 Jun 2019 05:49

Instrument :

MSVOA_U

ClientSampleId :

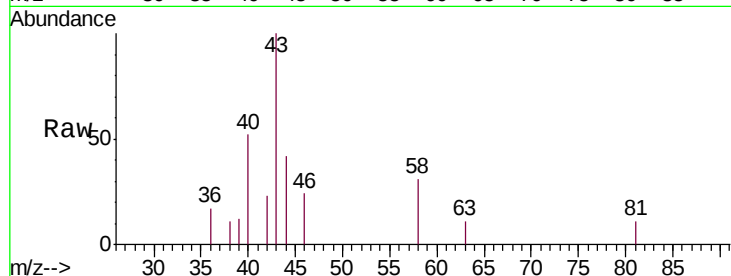
ETF56

Tgt Ion: 43 Resp: 2563

Ion Ratio Lower Upper

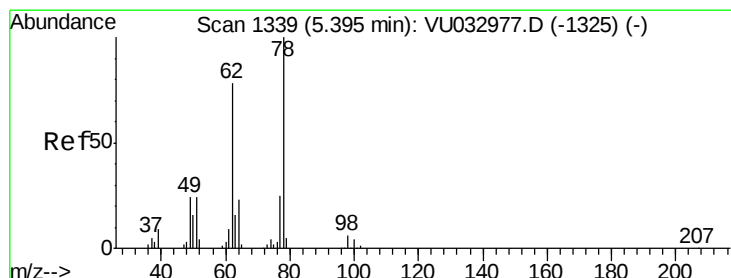
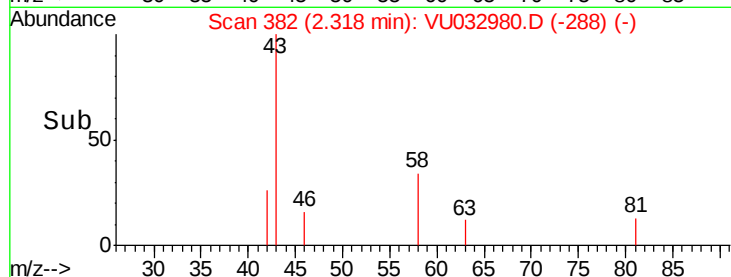
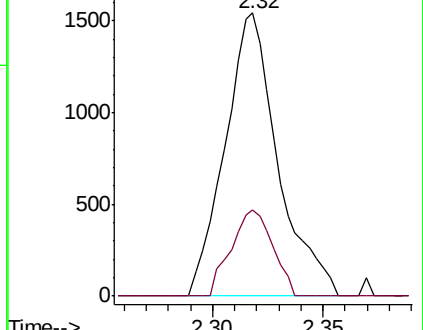
43 100

58 24.1 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) (-)



#27

1,2-Dichloroethane

Concen: 0.726 ug/L

RT: 5.33 min Scan# 1320

Delta R.T. -0.06 min

Lab File: VU032980.D

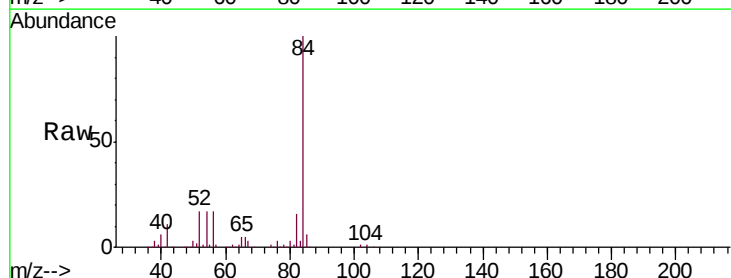
Acq: 22 Jun 2019 05:49

Tgt Ion: 62 Resp: 1560

Ion Ratio Lower Upper

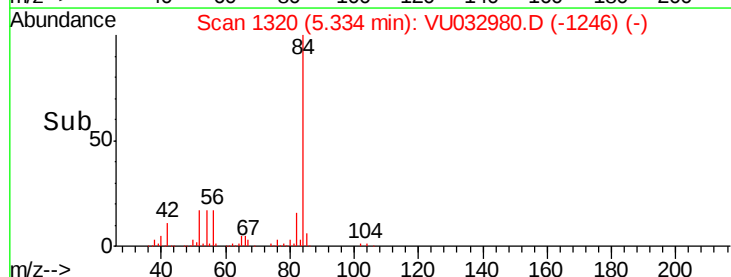
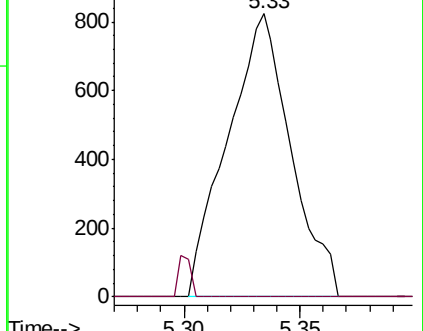
62 100

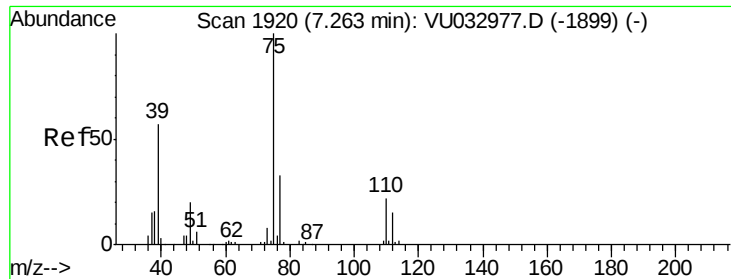
98 0.0 6.6 10.0#



Abundance Ion 62.00 (61.70 to 62.70): VU032977.D (-1325) (-)

Ion 98.00 (97.70 to 98.70): VU032977.D (-1325) (-)





#39

cis-1,3-Dichloropropene

Concen: 1.156 ug/L

RT: 7.22 min Scan# 1907

Delta R.T. -0.04 min

Lab File: VU032980.D

Acq: 22 Jun 2019 05:49

Instrument :

MSVOA_U

ClientSampleId :

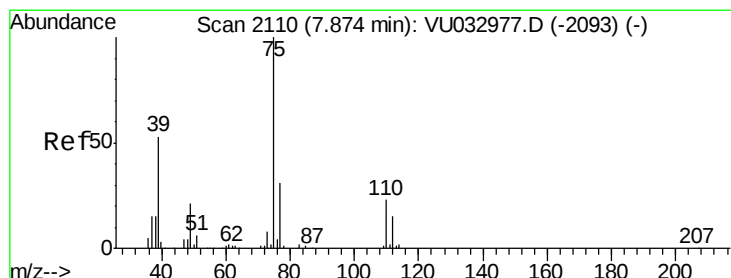
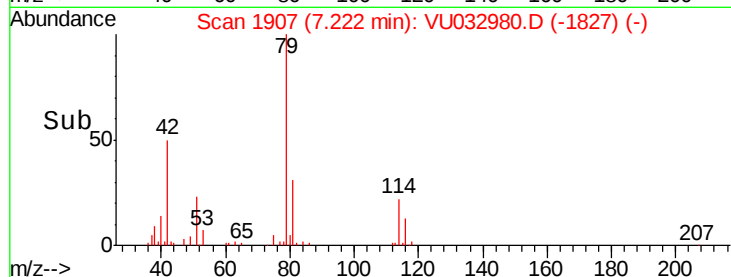
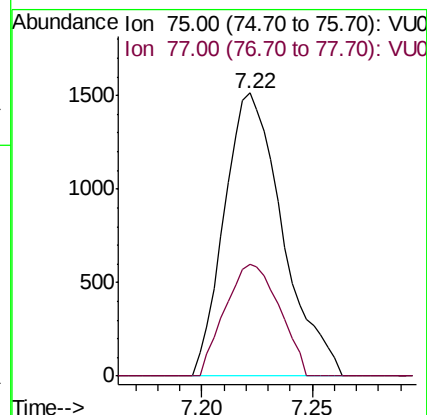
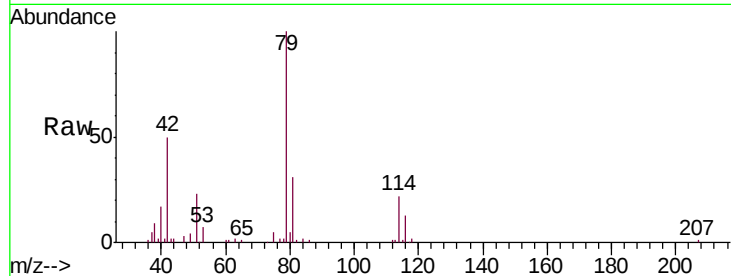
ETF56

Tgt Ion: 75 Resp: 2772

Ion Ratio Lower Upper

75 100

77 39.7 21.9 40.7



#44

trans-1,3-Dichloropropene

Concen: 0.865 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU032980.D

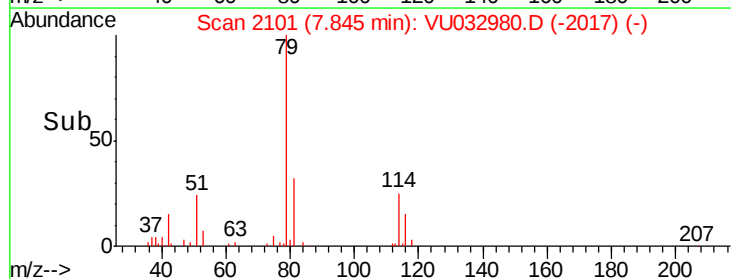
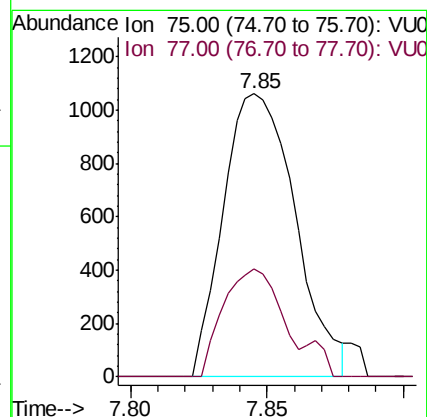
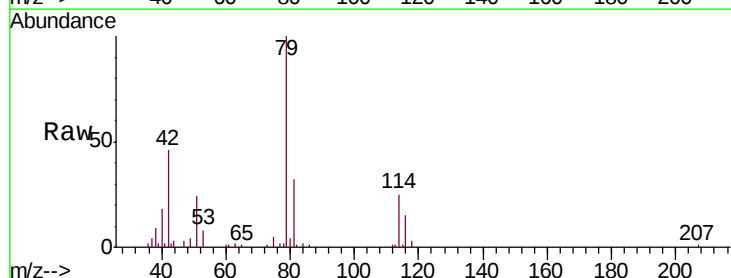
Acq: 22 Jun 2019 05:49

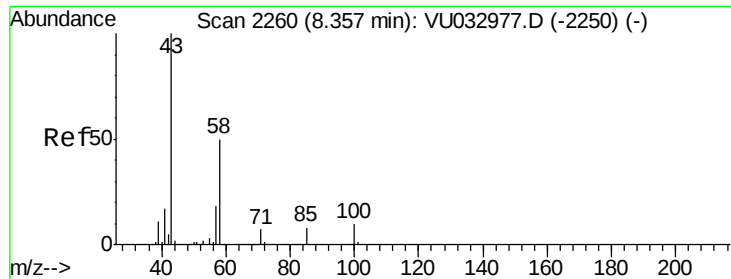
Tgt Ion: 75 Resp: 1947

Ion Ratio Lower Upper

75 100

77 37.9 21.8 40.4

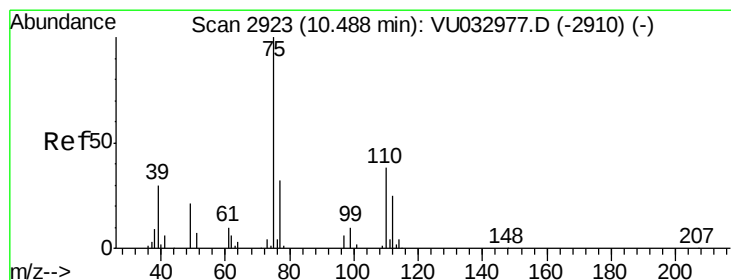
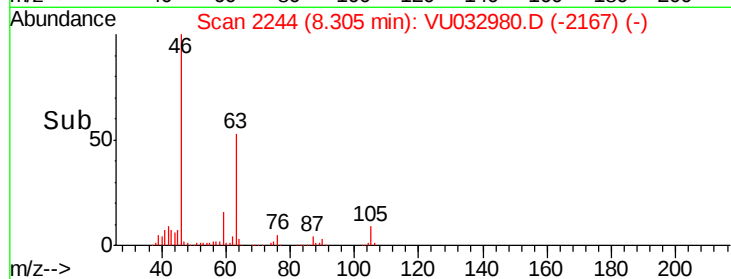
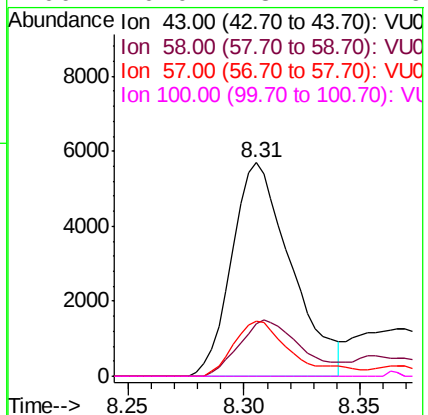
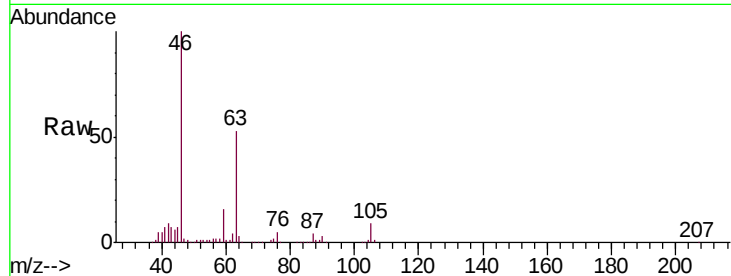




#48
 2-Hexanone
 Concen: 4.676 ug/L
 RT: 8.31 min Scan# 2244
 Delta R.T. -0.05 min
 Lab File: VU032980.D
 Acq: 22 Jun 2019 05:49

Instrument :
 MSVOA_U
 ClientSampleId :
 ETF56

Tgt Ion: 43 Resp: 10134
 Ion Ratio Lower Upper
 43 100
 58 27.3 40.2 60.2#
 57 25.7 14.2 21.4#
 100 0.0 8.4 12.6#



#59
 1,2,3-Trichloropropane
 Concen: 5.877 ug/L
 RT: 11.48 min Scan# 3230
 Delta R.T. 0.99 min
 Lab File: VU032980.D
 Acq: 22 Jun 2019 05:49

Tgt Ion: 75 Resp: 12068
 Ion Ratio Lower Upper
 75 100
 77 36.7 25.5 38.3

