

Data File : VU033012.D
Acq On : 24 Jun 2019 17:56
Operator : JC/SP
Sample : K3463-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETF10

Quant Time: Jun 25 06:58:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 25 06:54:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	193251	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	187240	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	91988	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	63116	47.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.58%
7) Chloroethane-d5	1.68	69	52808	50.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.28%
11) 1,1-Dichloroethene-d2	2.27	63	99612	37.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.88%
21) 2-Butanone-d5	4.17	46	120268	109.41	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.41%
24) Chloroform-d	4.64	84	129730	50.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.06%
26) 1,2-Dichloroethane-d4	5.30	65	91231	53.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.68%
32) Benzene-d6	5.33	84	253421	51.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.84%
36) 1,2-Dichloropropane-d6	6.32	67	81848	52.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.28%
41) Toluene-d8	7.56	98	230146	50.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.70%
43) trans-1,3-Dichloropropene-	7.85	79	40396	49.94	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.88%
47) 2-Hexanone-d5	8.31	63	73933	101.83	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.83%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	118187	49.17	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.34%
64) 1,2-Dichlorobenzene-d4	11.85	152	91027	51.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.28%

Target Compounds

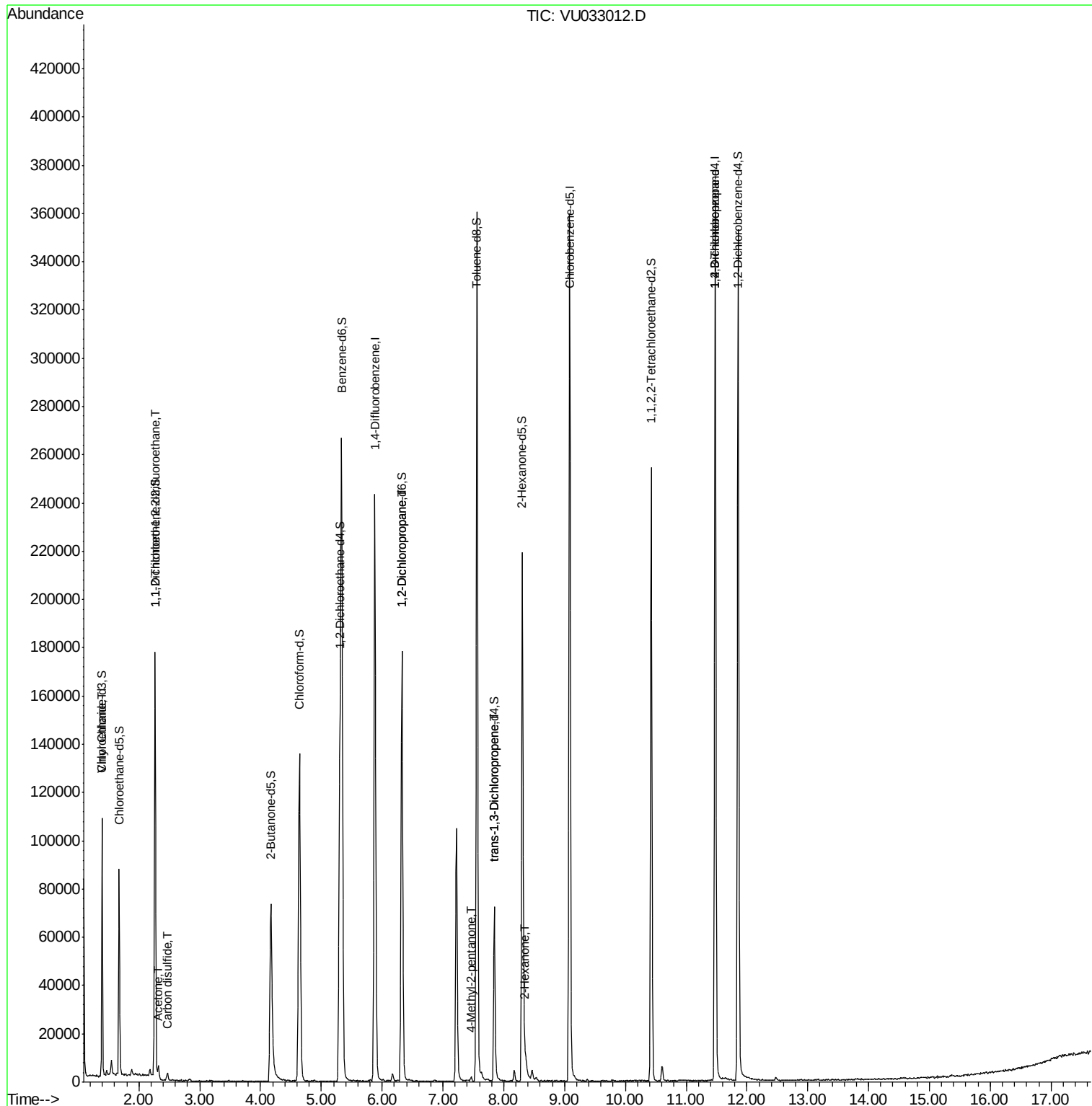
					Qvalue
8) Chloroethane	1.40	64	1018	1.008 ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	814	0.630 ug/L #	17
13) Acetone	2.32	43	4614	3.039 ug/L	99
14) Carbon disulfide	2.47	76	3420	0.888 ug/L	98
37) 1,2-Dichloropropane	6.32	63	9731	6.577 ug/L #	88
40) 4-Methyl-2-pentanone	7.46	43	1206	0.511 ug/L #	66
44) trans-1,3-Dichloropropene	7.85	75	2174	1.004 ug/L	90
48) 2-Hexanone	8.36	43	3588	1.722 ug/L #	94
59) 1,2,3-Trichloropropane	11.48	75	12401	6.280 ug/L #	88

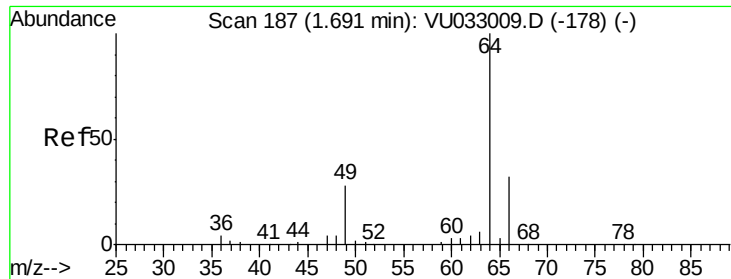
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 1.008 ug/L

RT: 1.40 min Scan# 95

Delta R.T. -0.30 min

Lab File: VU033012.D

Acq: 24 Jun 2019 17:56

Instrument :

MSVOA_U

ClientSampleId :

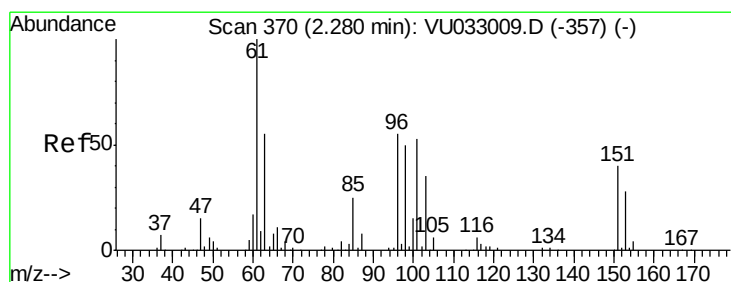
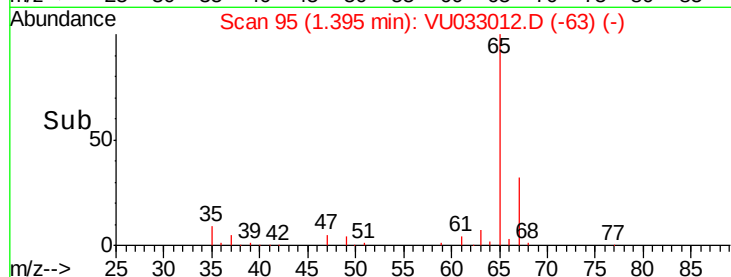
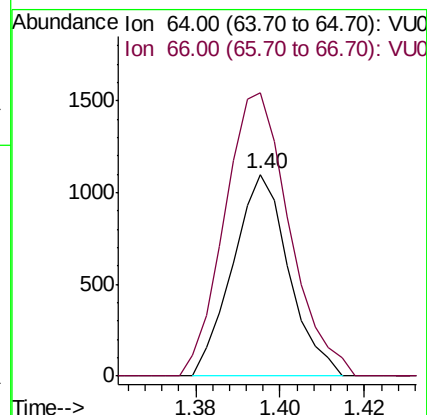
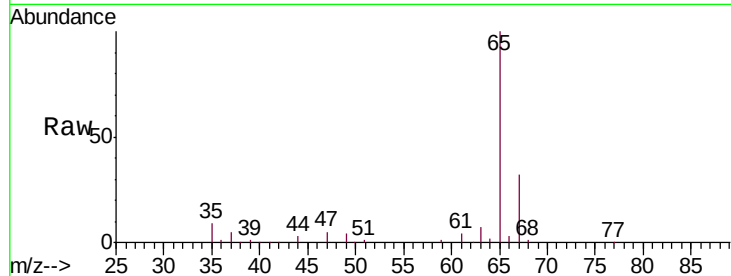
ETF10

Tgt Ion: 64 Resp: 1018

Ion Ratio Lower Upper

64 100

66 140.3 22.5 41.7#



#10

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

Concen: 0.630 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU033012.D

Acq: 24 Jun 2019 17:56

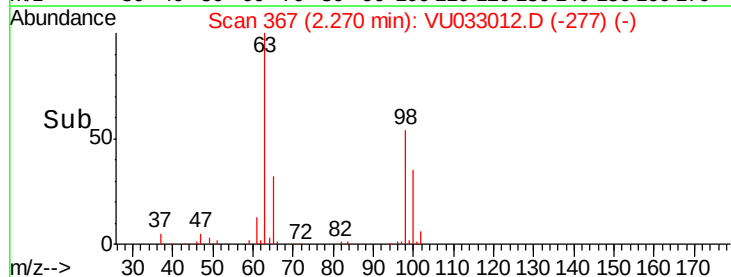
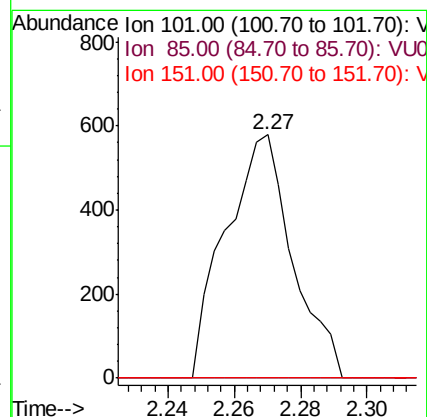
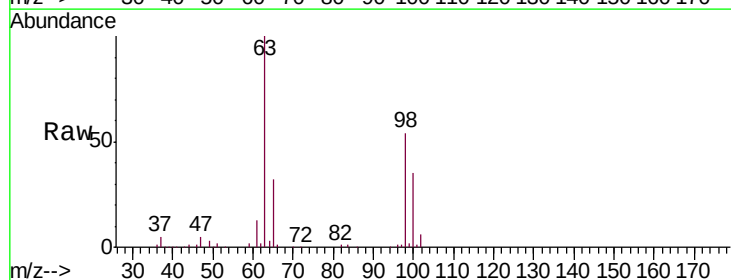
Tgt Ion: 101 Resp: 814

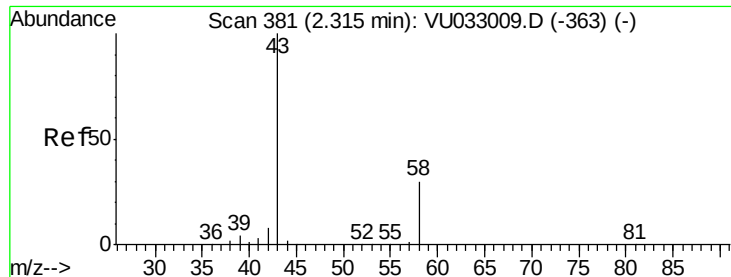
Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

151 0.0 63.6 95.4#





#13

Acetone

Concen: 3.039 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU033012.D

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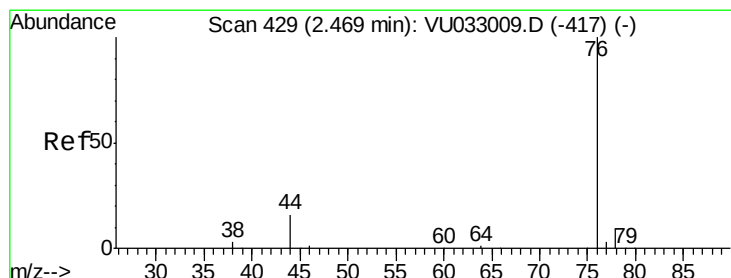
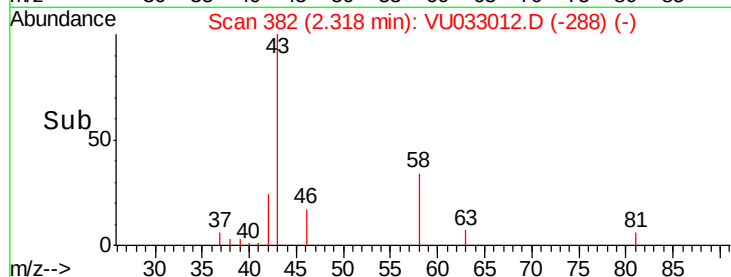
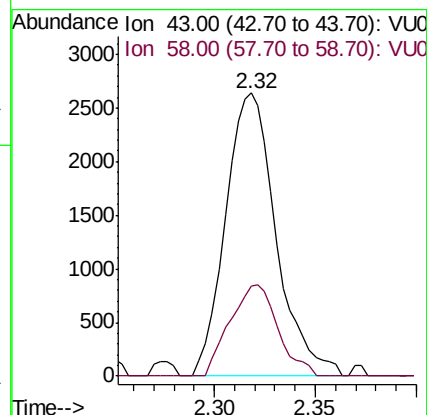
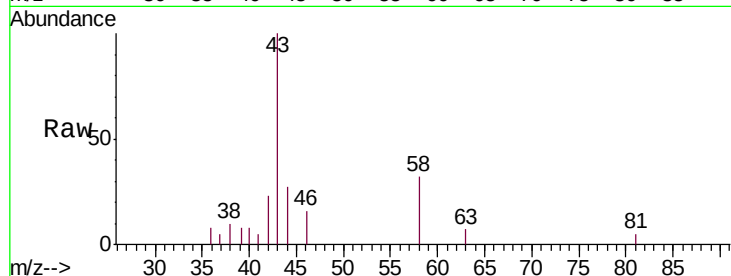
Instrument :
MSVOA_U
ClientSampleId :
ETF10

Tgt Ion: 43 Resp: 4614

Ion Ratio Lower Upper

43 100

58 30.7 0.0 60.6



#14

Carbon disulfide

Concen: 0.888 ug/L

RT: 2.47 min Scan# 429

Delta R.T. -0.00 min

Lab File: VU033012.D

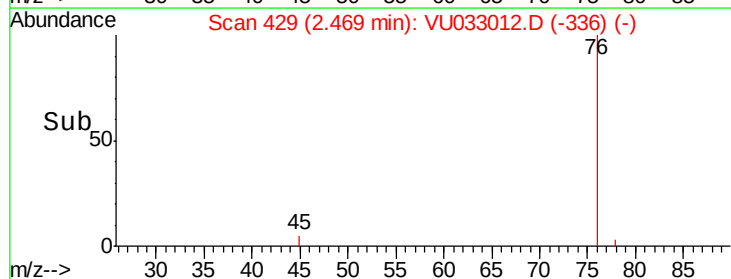
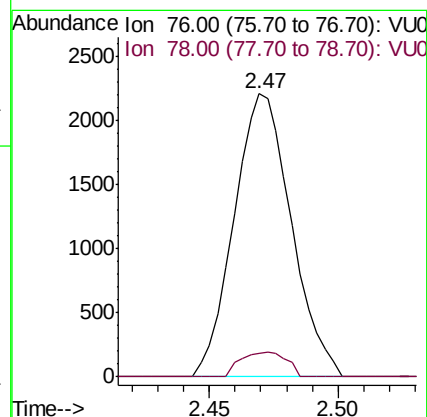
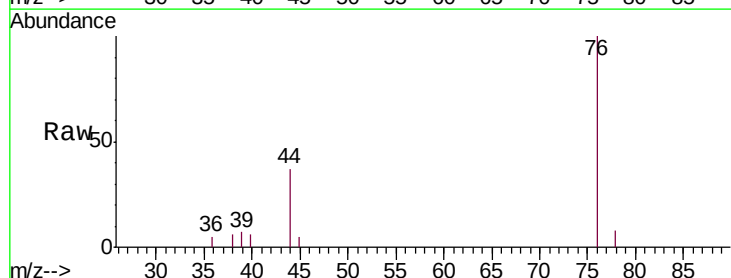
Acq: 24 Jun 2019 17:56

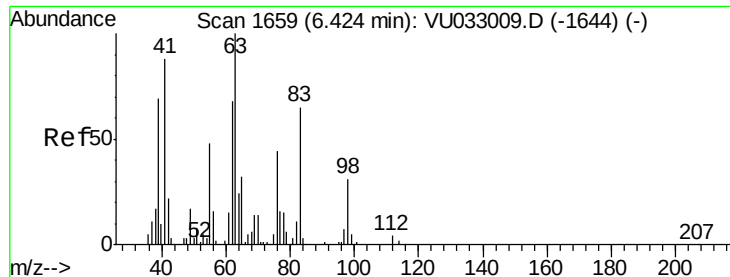
Tgt Ion: 76 Resp: 3420

Ion Ratio Lower Upper

76 100

78 8.5 7.3 10.9

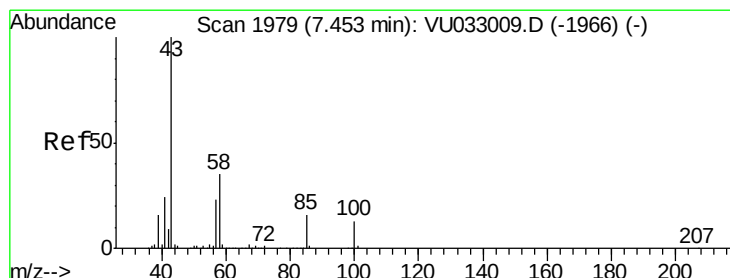
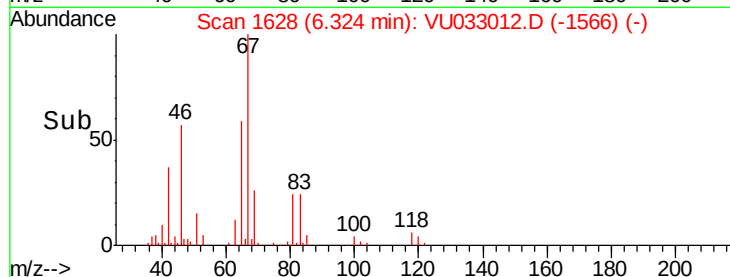
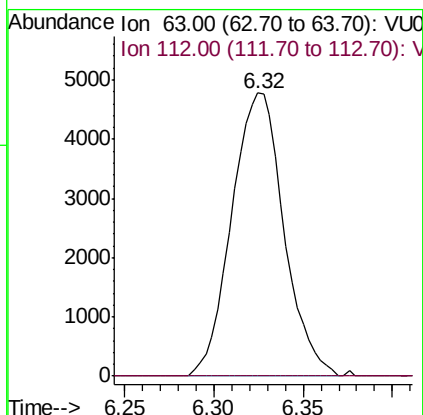
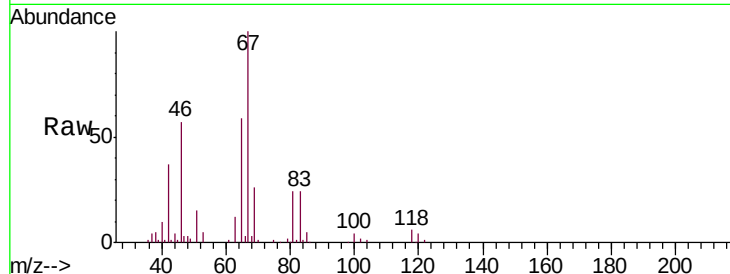




#37
 1,2-Dichloropropane
 Concen: 6.577 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VU033012.D
 Acq: 24 Jun 2019 17:56

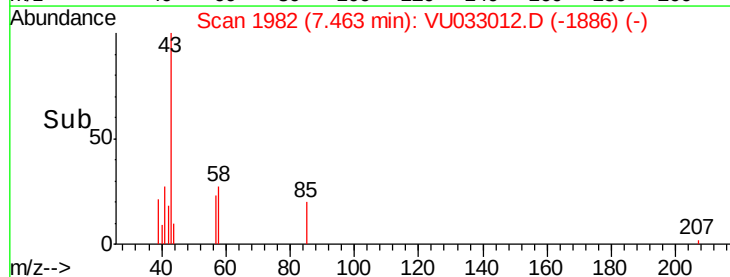
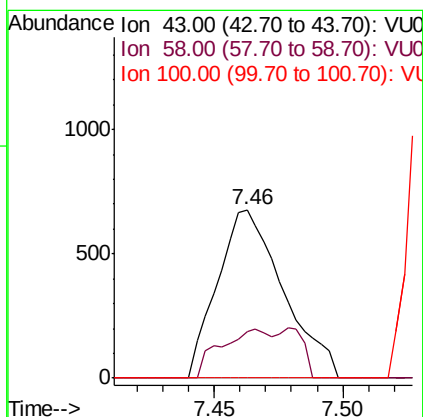
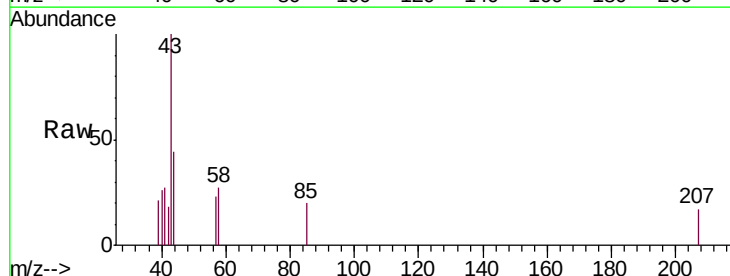
Instrument :
 MSVOA_U
 ClientSampled :
 ETF10

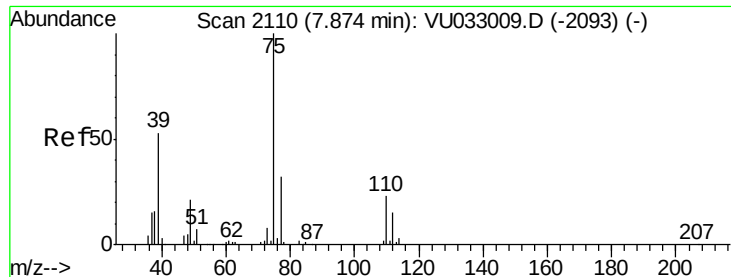
Tgt Ion: 63 Resp: 9731
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#40
 4-Methyl-2-pentanone
 Concen: 0.511 ug/L
 RT: 7.46 min Scan# 1982
 Delta R.T. 0.01 min
 Lab File: VU033012.D
 Acq: 24 Jun 2019 17:56

Tgt Ion: 43 Resp: 1206
 Ion Ratio Lower Upper
 43 100
 58 16.4 29.4 44.2#
 100 0.0 11.2 16.8#

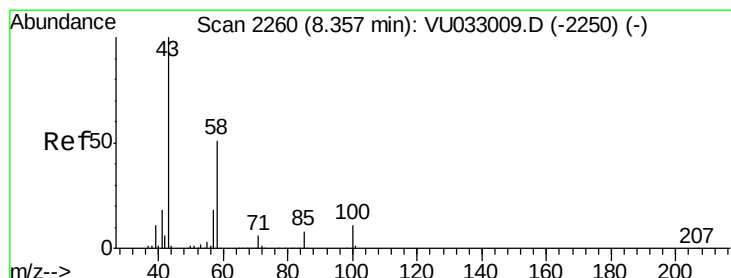
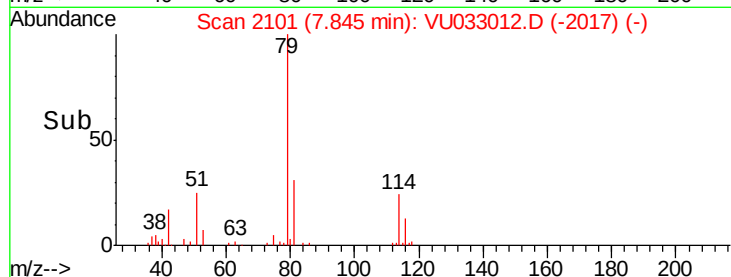
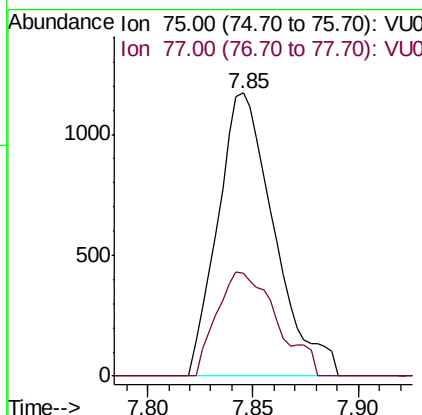
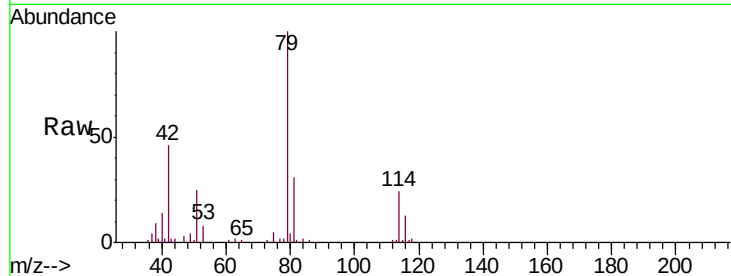




#44
trans-1,3-Dichloropropene
Concen: 1.004 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU033012.D
Acq: 24 Jun 2019 17:56

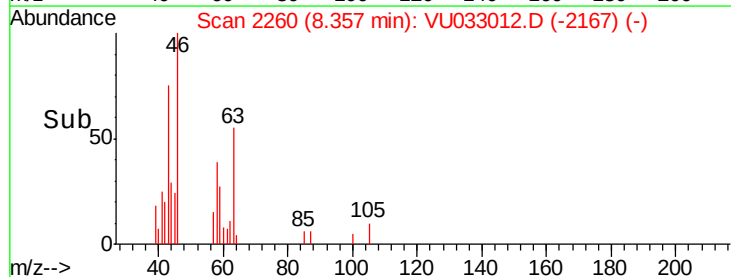
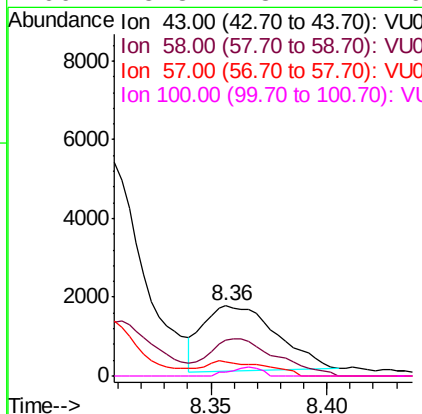
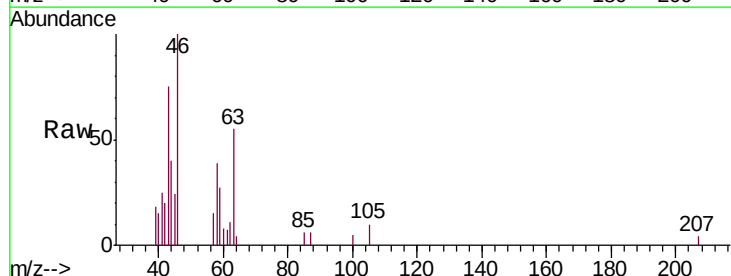
Instrument :
MSVOA_U
ClientSampleId :
ETF10

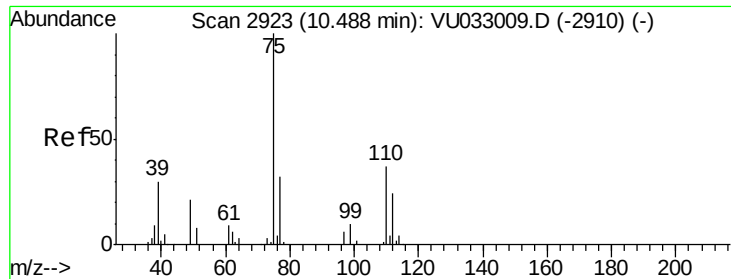
Tgt Ion: 75 Resp: 2174
Ion Ratio Lower Upper
75 100
77 36.5 21.8 40.4



#48
2-Hexanone
Concen: 1.722 ug/L
RT: 8.36 min Scan# 2260
Delta R.T. -0.00 min
Lab File: VU033012.D
Acq: 24 Jun 2019 17:56

Tgt Ion: 43 Resp: 3588
Ion Ratio Lower Upper
43 100
58 53.7 40.2 60.2
57 19.5 14.2 21.4
100 5.8 8.4 12.6#





#59

1,2,3-Trichloropropane

Concen: 6.280 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU033012.D

Acq: 24 Jun 2019 17:56

Instrument :

MSVOA_U

ClientSampleId :

ETF10

Tgt Ion: 75 Resp: 12401

Ion Ratio Lower Upper

75 100

77 38.5 25.5 38.3#

