

Data File : VU032959.D
Acq On : 21 Jun 2019 21:01
Operator : JC/SP
Sample : K3463-19
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETF20

Quant Time: Jun 22 02:00:08 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	184286	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	181357	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	85188	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	46561	36.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.94%
7) Chloroethane-d5	1.67	69	42113	41.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.86%
11) 1,1-Dichloroethene-d2	2.26	63	74633	29.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.84%#
21) 2-Butanone-d5	4.17	46	119528	114.02	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.02%
24) Chloroform-d	4.64	84	114262	46.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.34%
26) 1,2-Dichloroethane-d4	5.30	65	81245	49.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.64%
32) Benzene-d6	5.33	84	209368	44.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.58%
36) 1,2-Dichloropropane-d6	6.32	67	71864	47.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.44%
41) Toluene-d8	7.56	98	184039	41.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.14%
43) trans-1,3-Dichloropropene-	7.85	79	33690	43.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.00%
47) 2-Hexanone-d5	8.31	63	70581	100.37	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.37%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	110684	47.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.08%
64) 1,2-Dichlorobenzene-d4	11.85	152	79927	48.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.96%

Target Compounds

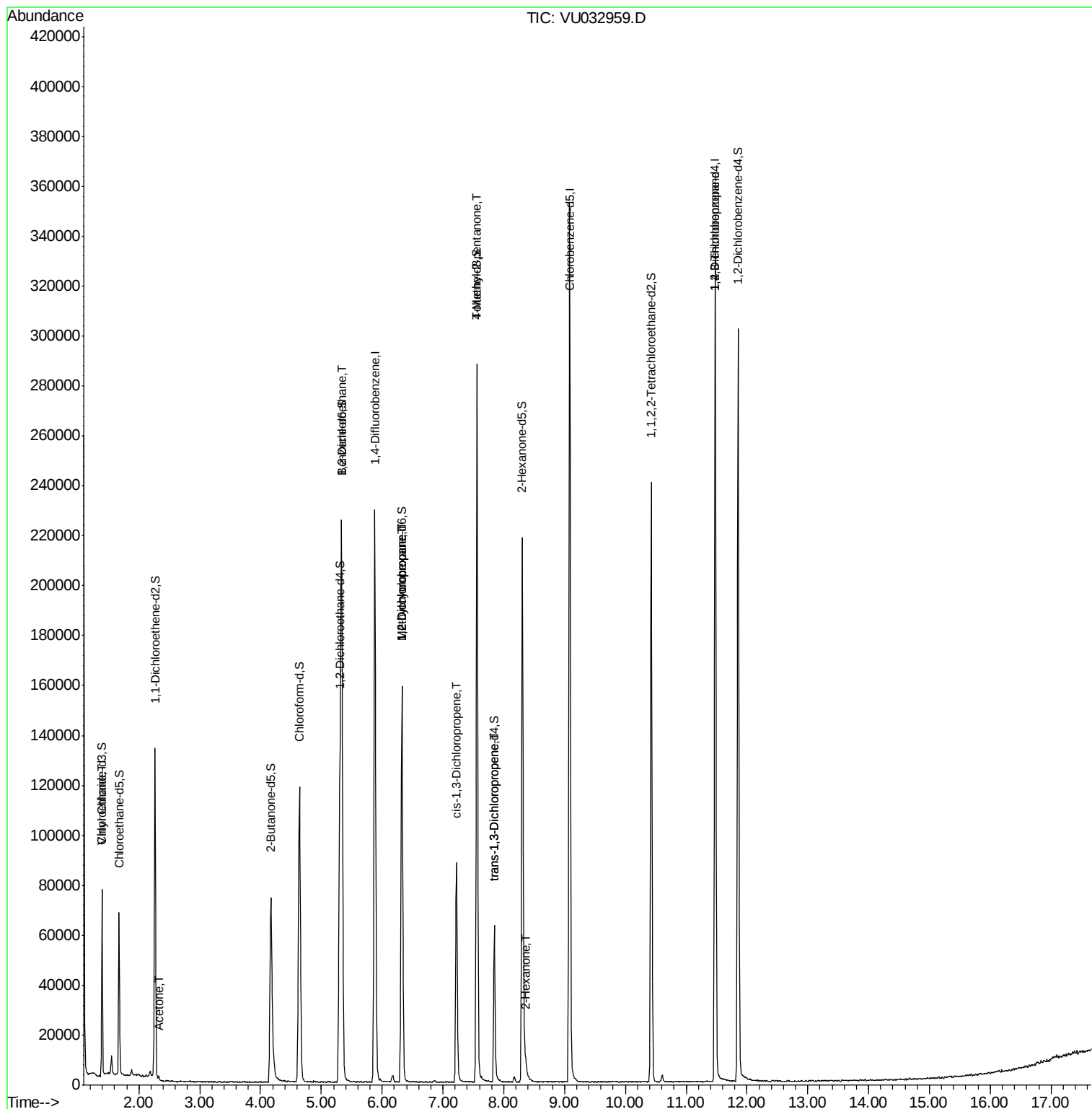
					Qvalue
8) Chloroethane	1.40	64	750	0.779 ug/L #	1
13) Acetone	2.32	43	818	0.565 ug/L	66
27) 1,2-Dichloroethane	5.33	62	1350	0.664 ug/L #	77
35) Methylcyclohexane	6.32	83	16656	7.719 ug/L #	18
37) 1,2-Dichloropropane	6.32	63	8860	6.182 ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2453	1.099 ug/L #	61
40) 4-Methyl-2-pentanone	7.56	43	1093	0.478 ug/L #	1
44) trans-1,3-Dichloropropene	7.85	75	1695	0.808 ug/L	86
48) 2-Hexanone	8.36	43	3454	1.711 ug/L #	77
59) 1,2,3-Trichloropropane	11.48	75	11012	5.758 ug/L	89

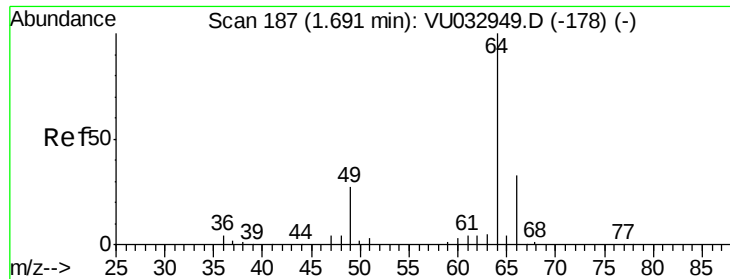
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.779 ug/L

RT: 1.40 min Scan# 95

Delta R.T. -0.30 min

Lab File: VU032959.D

Acq: 21 Jun 2019 21:01

Instrument :

MSVOA_U

ClientSampleId :

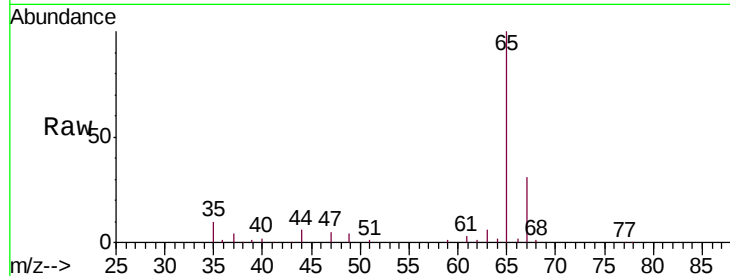
ETF20

Tgt Ion: 64 Resp: 750

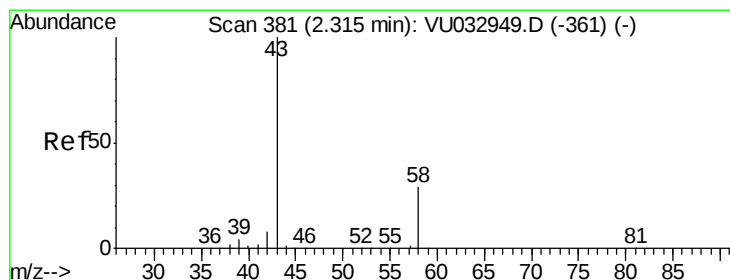
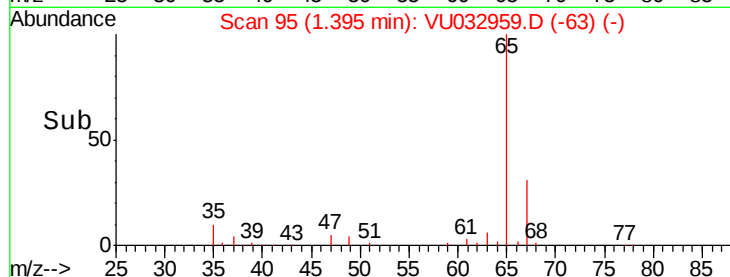
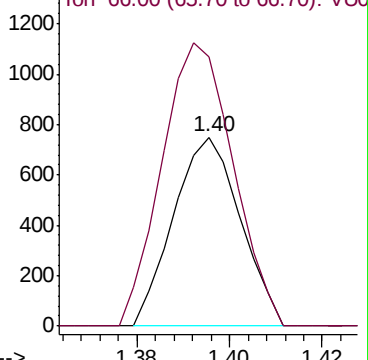
Ion Ratio Lower Upper

64 100

66 142.5 22.5 41.7#



Abundance Ion 64.00 (63.70 to 64.70): VU032959.D (-63) (-)



#13

Acetone

Concen: 0.565 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VU032959.D

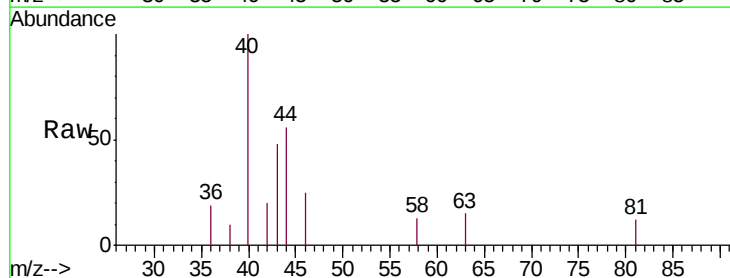
Acq: 21 Jun 2019 21:01

Tgt Ion: 43 Resp: 818

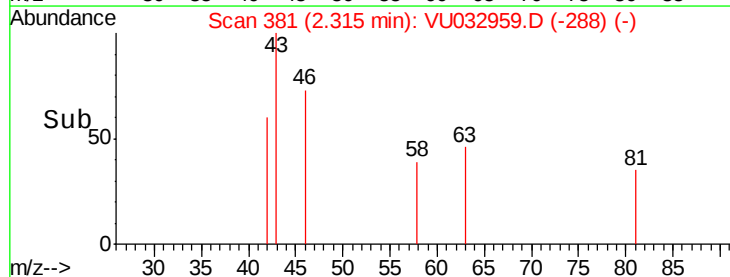
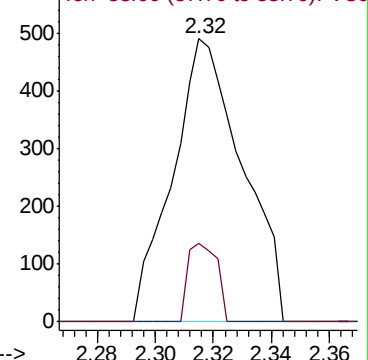
Ion Ratio Lower Upper

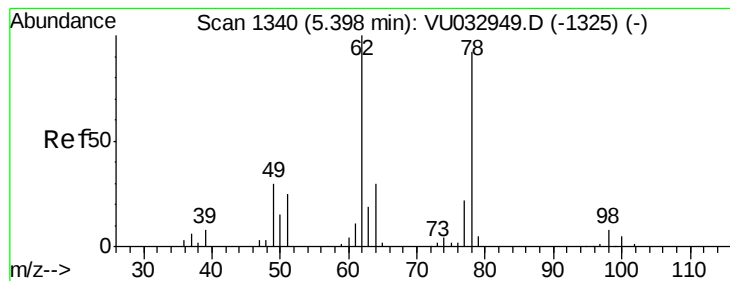
43 100

58 11.6 0.0 60.6



Abundance Ion 43.00 (42.70 to 43.70): VU032959.D (-288) (-)





#27

1,2-Dichloroethane

Concen: 0.664 ug/L

RT: 5.33 min Scan# 1319

Delta R.T. -0.07 min

Lab File: VU032959.D

Acq: 21 Jun 2019 21:01

Instrument :

MSVOA_U

ClientSampleId :

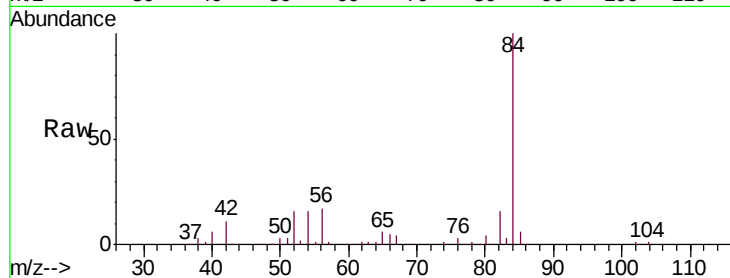
ETF20

Tgt Ion: 62 Resp: 1350

Ion Ratio Lower Upper

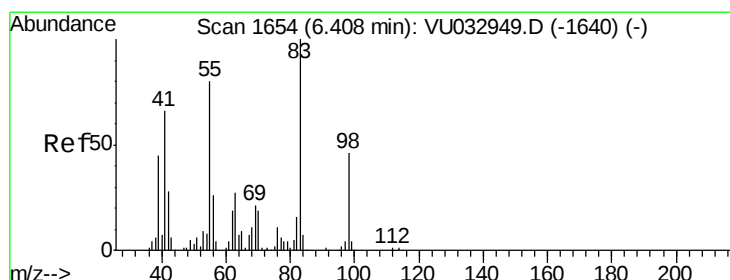
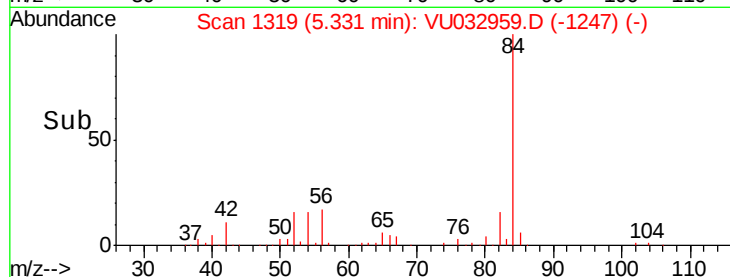
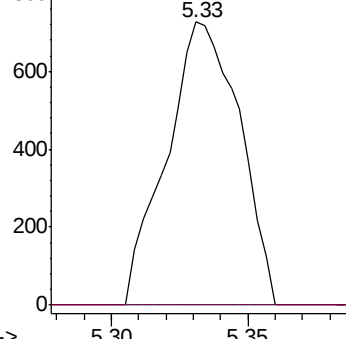
62 100

98 0.0 6.6 10.0#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



#35

Methylcyclohexane

Concen: 7.719 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU032959.D

Acq: 21 Jun 2019 21:01

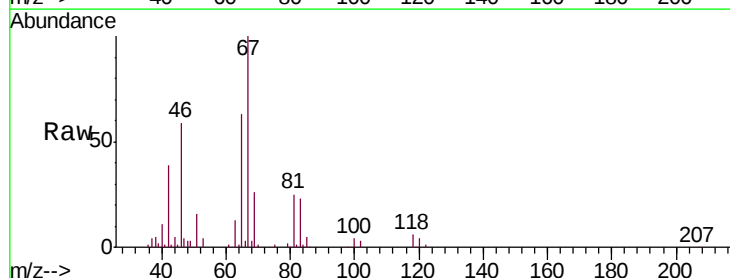
Tgt Ion: 83 Resp: 16656

Ion Ratio Lower Upper

83 100

55 0.0 62.6 94.0#

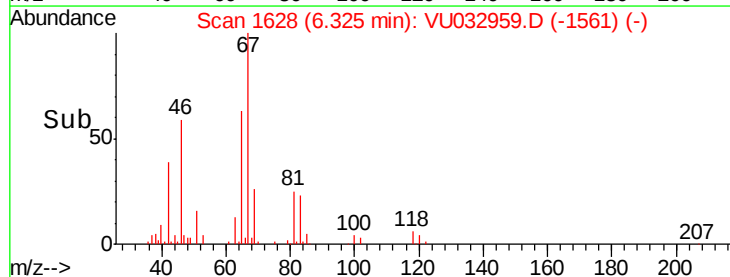
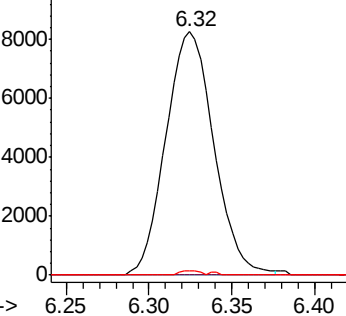
98 0.7 37.4 56.0#

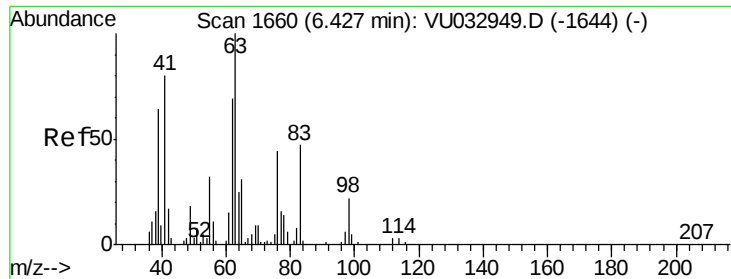


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0

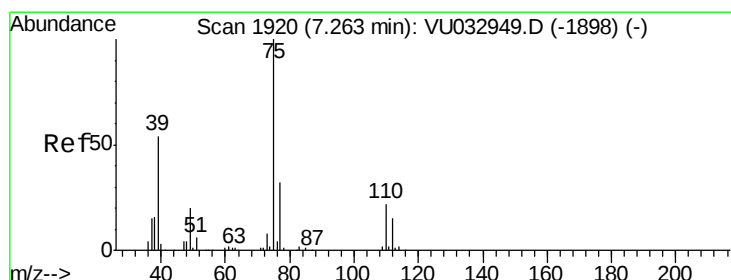
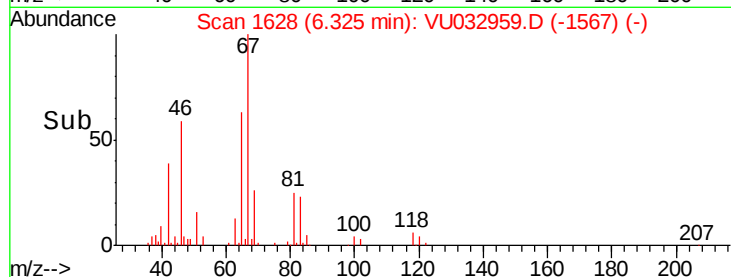
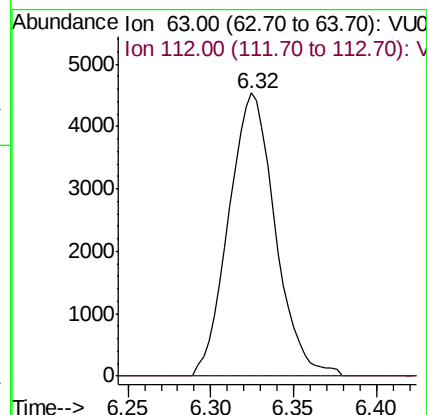
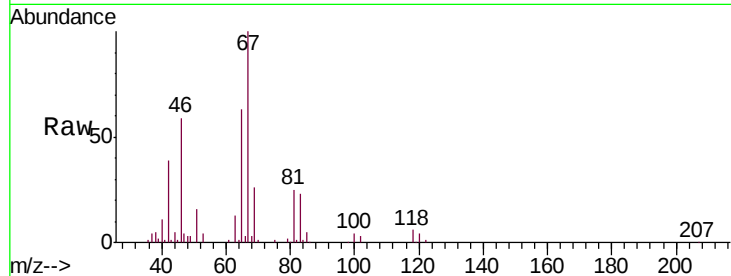




#37
 1,2-Dichloropropane
 Concen: 6.182 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VU032959.D
 Acq: 21 Jun 2019 21:01

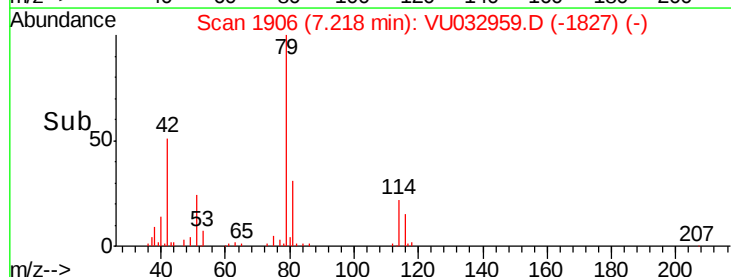
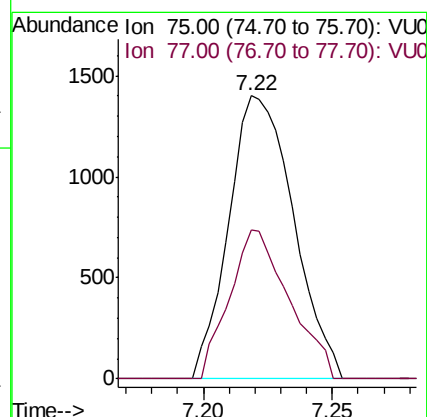
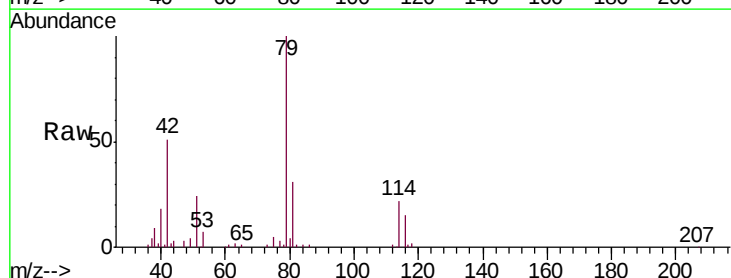
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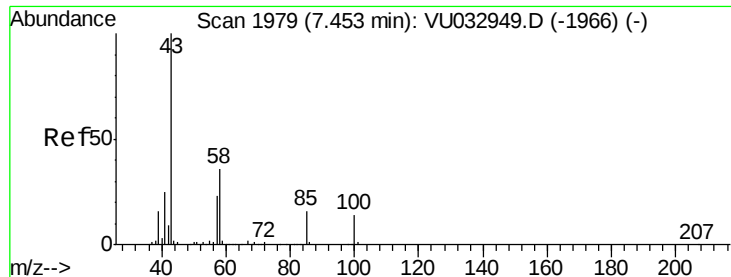
Tgt Ion: 63 Resp: 8860
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 1.099 ug/L
 RT: 7.22 min Scan# 1906
 Delta R.T. -0.04 min
 Lab File: VU032959.D
 Acq: 21 Jun 2019 21:01

Tgt Ion: 75 Resp: 2453
 Ion Ratio Lower Upper
 75 100
 77 52.6 21.9 40.7#

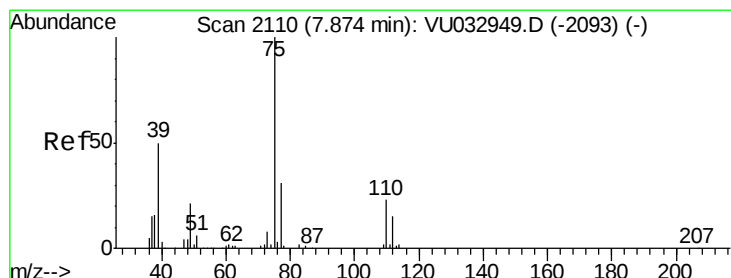
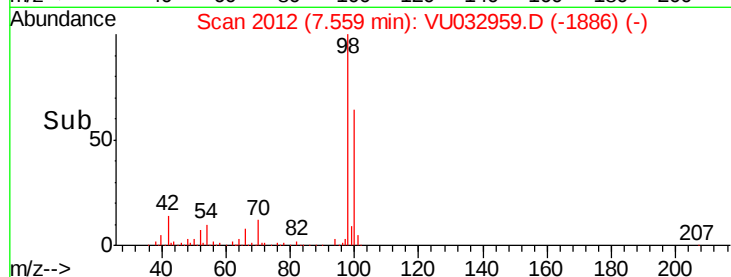
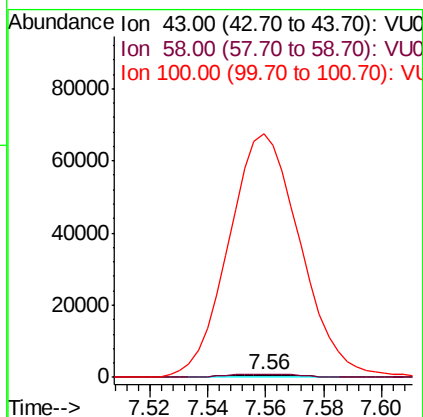
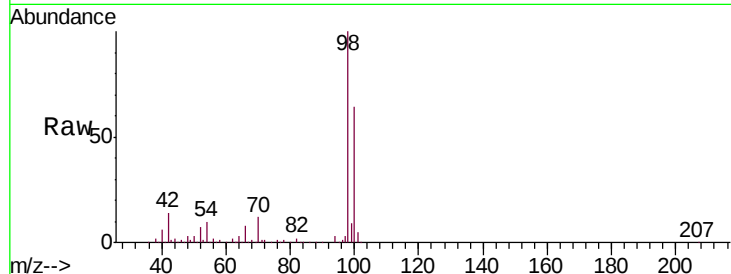




#40
4-Methyl-2-pentanone
Concen: 0.478 ug/L
RT: 7.56 min Scan# 2012
Delta R.T. 0.11 min
Lab File: VU032959.D
Acq: 21 Jun 2019 21:01

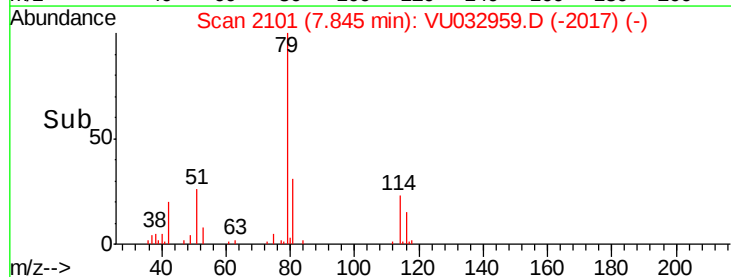
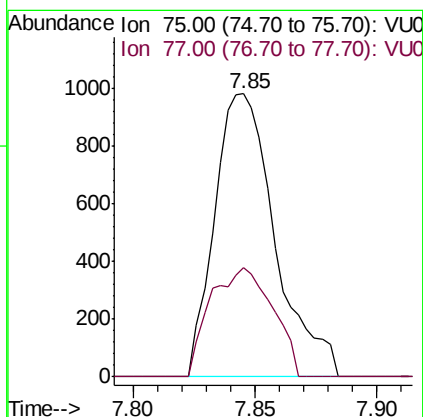
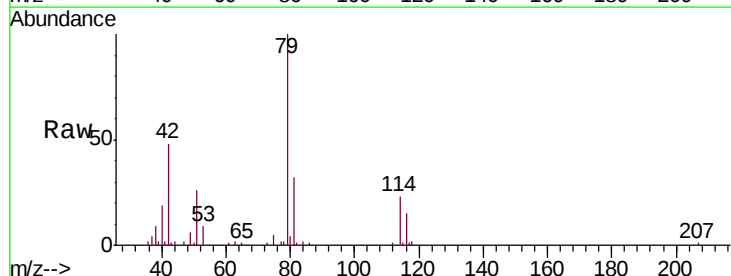
Instrument :
MSVOA_U
ClientSampleId :
ETF20

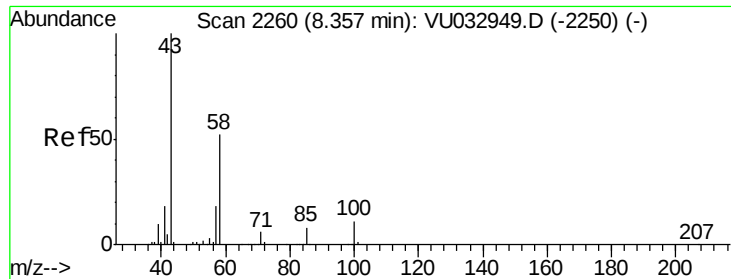
Tgt Ion: 43 Resp: 1093
Ion Ratio Lower Upper
43 100
58 149.8 29.4 44.2#
100 10745.4 11.2 16.8#



#44
trans-1,3-Dichloropropene
Concen: 0.808 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU032959.D
Acq: 21 Jun 2019 21:01

Tgt Ion: 75 Resp: 1695
Ion Ratio Lower Upper
75 100
77 38.7 21.8 40.4





#48

2-Hexanone

Concen: 1.711 ug/L

RT: 8.36 min Scan# 2262

Delta R.T. 0.01 min

Lab File: VU032959.D

Acq: 21 Jun 2019 21:01

Instrument :

MSVOA_U

ClientSampleId :

ETF20

Tgt Ion: 43 Resp: 3454

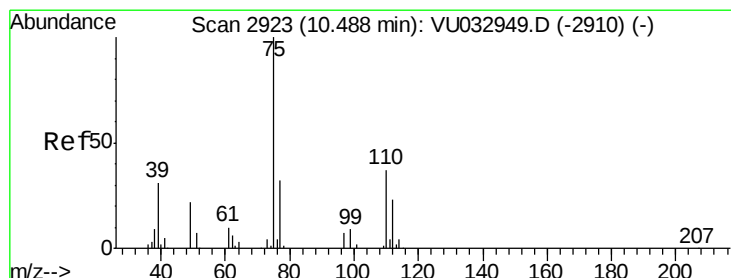
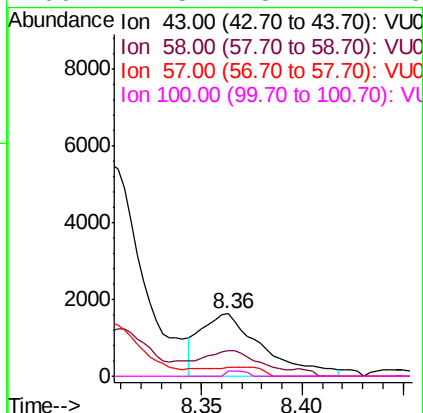
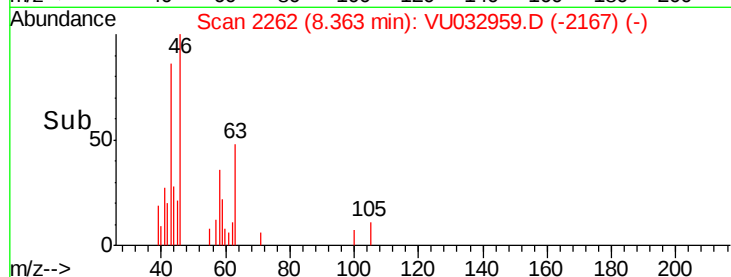
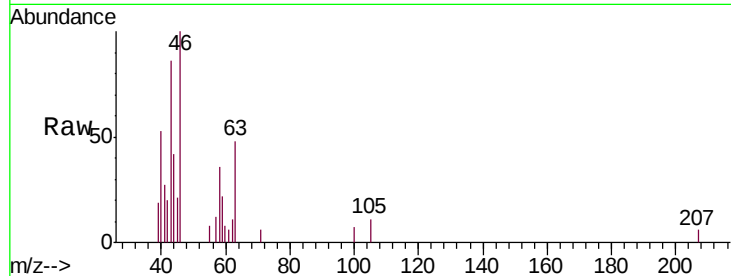
Ion Ratio Lower Upper

43 100

58 37.5 40.2 60.2#

57 0.7 14.2 21.4#

100 2.8 8.4 12.6#



#59

1,2,3-Trichloropropane

Concen: 5.758 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032959.D

Acq: 21 Jun 2019 21:01

Tgt Ion: 75 Resp: 11012

Ion Ratio Lower Upper

75 100

77 38.1 25.5 38.3

