

Data File : VU032962.D
Acq On : 21 Jun 2019 22:09
Operator : JC/SP
Sample : K3464-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETF33

Quant Time: Jun 22 02:00:30 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	190241	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	187545	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	88500	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	44871	34.51	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.02%
7) Chloroethane-d5	1.68	69	42942	41.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.82%
11) 1,1-Dichloroethene-d2	2.27	63	72944	27.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.70%#
21) 2-Butanone-d5	4.17	46	116358	107.53	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.53%
24) Chloroform-d	4.64	84	114393	45.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.52%
26) 1,2-Dichloroethane-d4	5.30	65	82104	48.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.54%
32) Benzene-d6	5.33	84	208731	42.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.38%
36) 1,2-Dichloropropane-d6	6.32	67	71576	45.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.92%
41) Toluene-d8	7.56	98	184654	40.33	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.66%
43) trans-1,3-Dichloropropene-	7.85	79	33810	41.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.46%
47) 2-Hexanone-d5	8.31	63	67808	93.24	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.24%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	112692	46.81	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.62%
64) 1,2-Dichlorobenzene-d4	11.85	152	79945	46.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.36%

Target Compounds

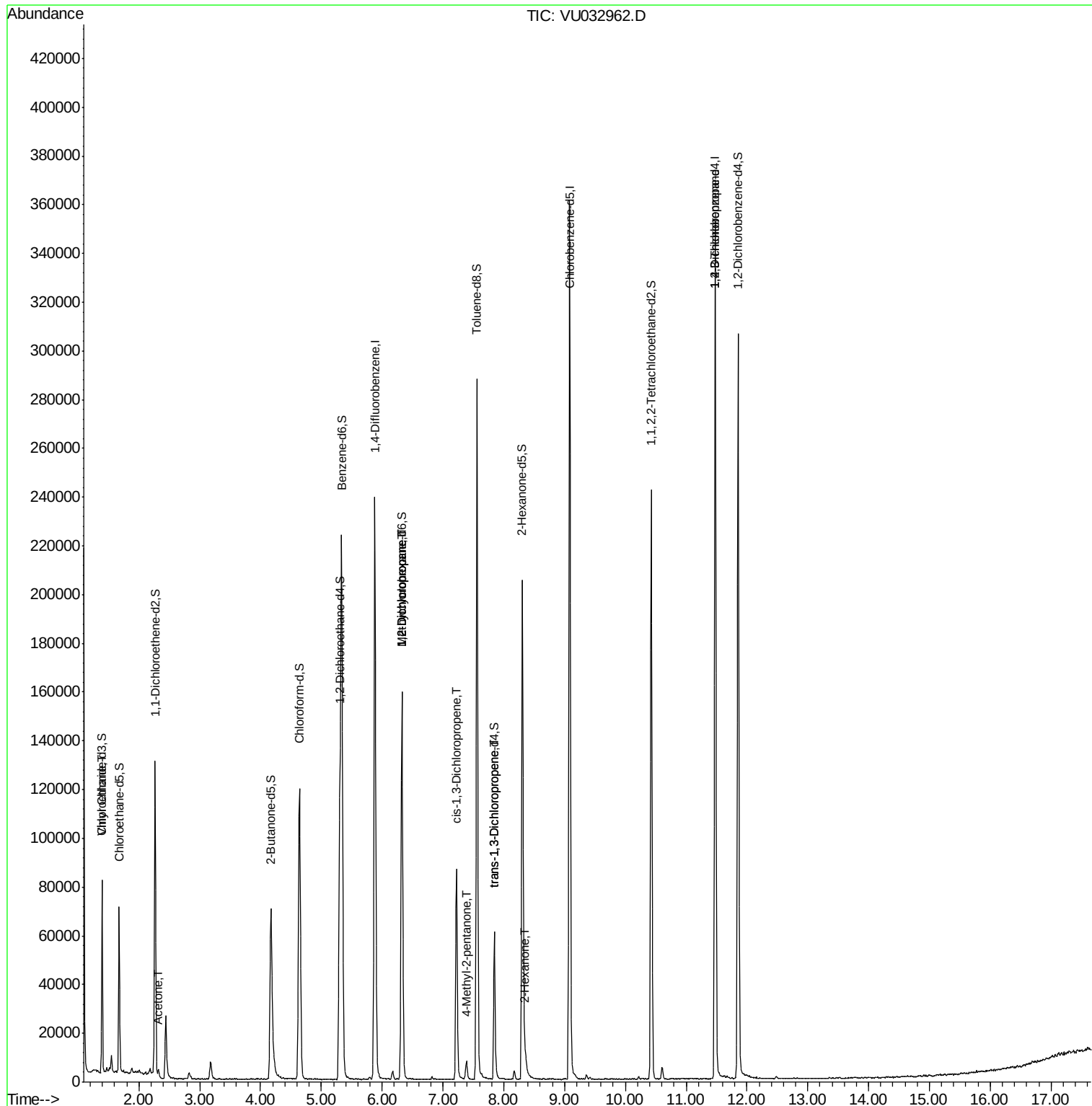
					Qvalue
8) Chloroethane	1.40	64	808	0.813 ug/L #	1
13) Acetone	2.31	43	2877	1.925 ug/L	91
35) Methylcyclohexane	6.32	83	16839	7.547 ug/L #	18
37) 1,2-Dichloropropane	6.32	63	8909	6.011 ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2472	1.071 ug/L #	81
40) 4-Methyl-2-pentanone	7.39	43	3625	1.532 ug/L #	46
44) trans-1,3-Dichloropropene	7.85	75	1557	0.718 ug/L #	81
48) 2-Hexanone	8.36	43	2882	1.381 ug/L #	85
59) 1,2,3-Trichloropropane	11.48	75	12026	6.081 ug/L	89

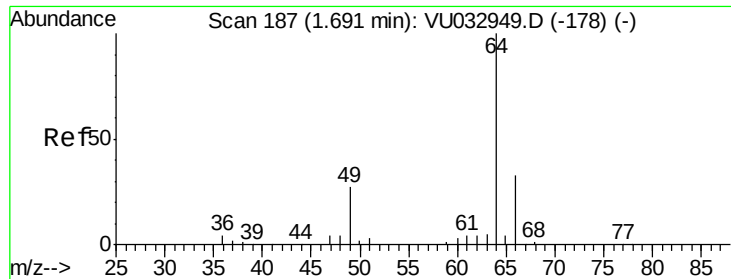
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.813 ug/L

RT: 1.40 min Scan# 95

Delta R.T. -0.30 min

Lab File: VU032962.D

Acq: 21 Jun 2019 22:09

Instrument :

MSVOA_U

ClientSampleId :

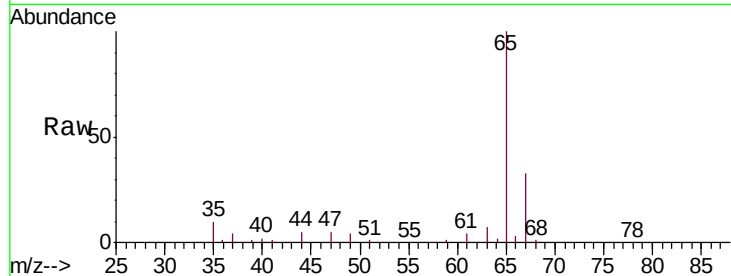
ETF33

Tgt Ion: 64 Resp: 808

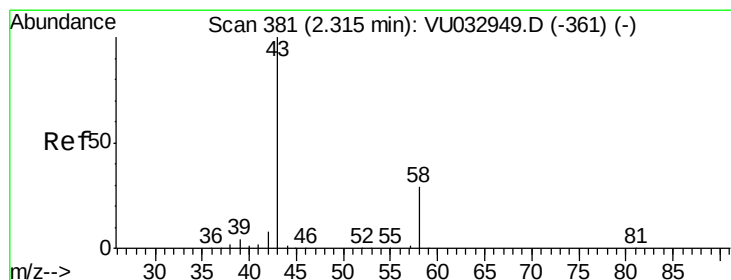
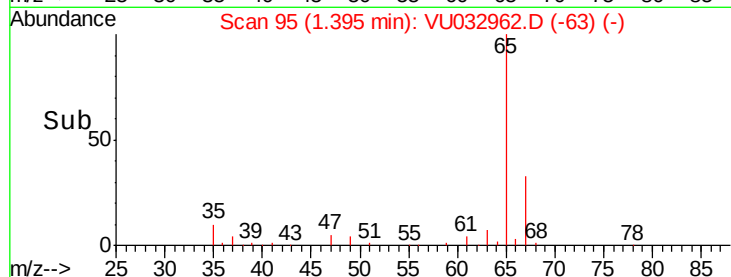
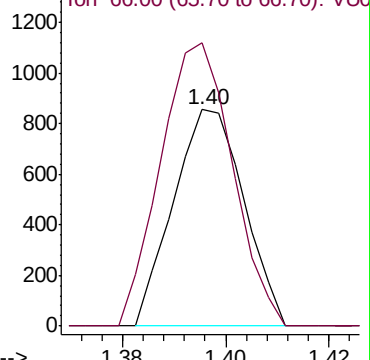
Ion Ratio Lower Upper

64 100

66 130.9 22.5 41.7#



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



#13

Acetone

Concen: 1.925 ug/L

RT: 2.31 min Scan# 381

Delta R.T. -0.00 min

Lab File: VU032962.D

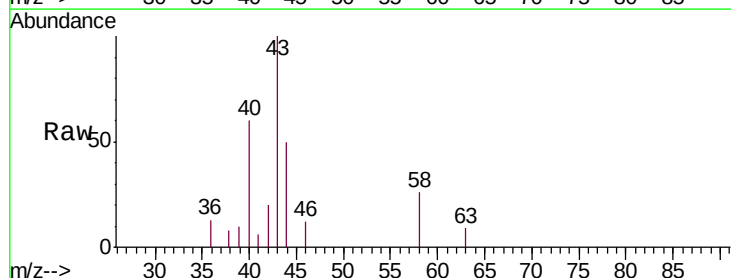
Acq: 21 Jun 2019 22:09

Tgt Ion: 43 Resp: 2877

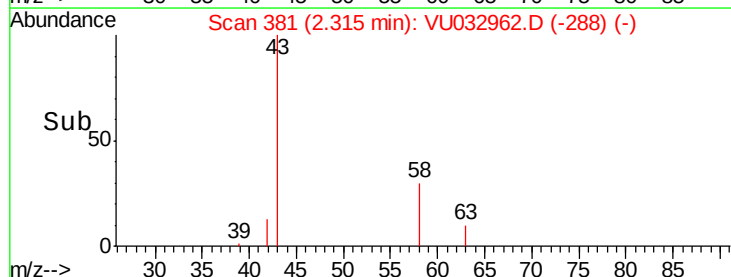
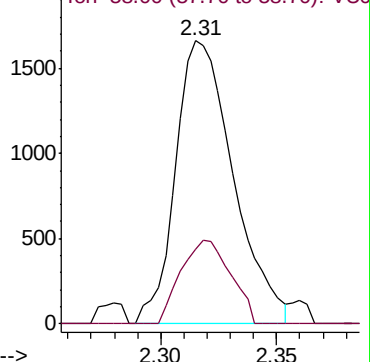
Ion Ratio Lower Upper

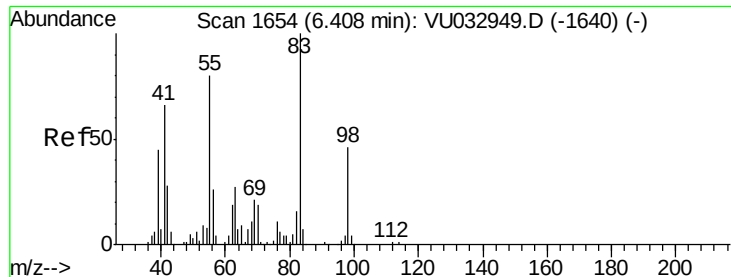
43 100

58 25.4 0.0 60.6



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





#35

Methylcyclohexane

Concen: 7.547 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU032962.D

Acq: 21 Jun 2019 22:09

Instrument :

MSVOA_U

ClientSampled :

ETF33

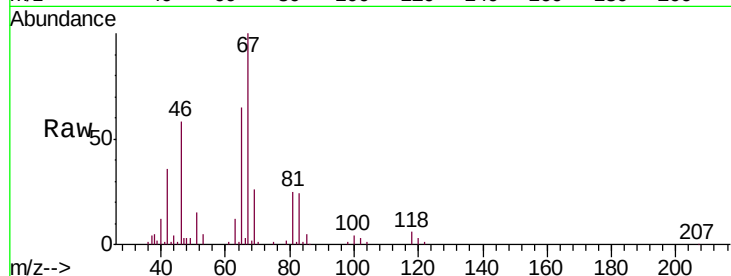
Tgt Ion: 83 Resp: 16839

Ion Ratio Lower Upper

83 100

55 0.0 62.6 94.0#

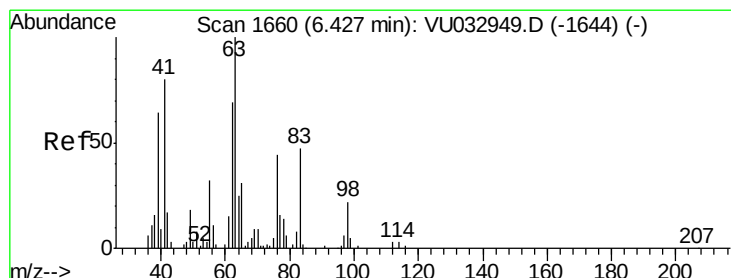
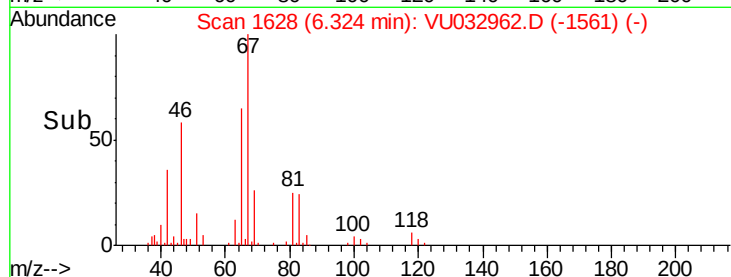
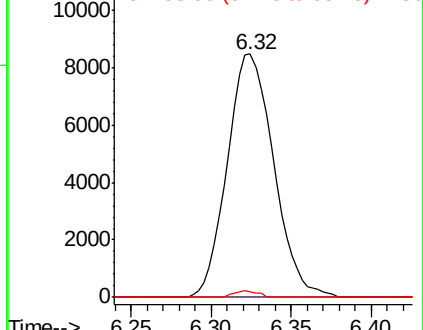
98 1.3 37.4 56.0#



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: 6.011 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VU032962.D

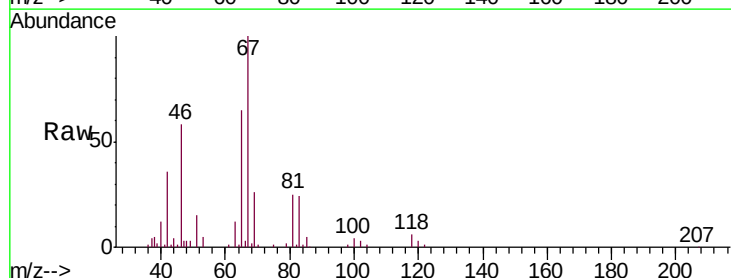
Acq: 21 Jun 2019 22:09

Tgt Ion: 63 Resp: 8909

Ion Ratio Lower Upper

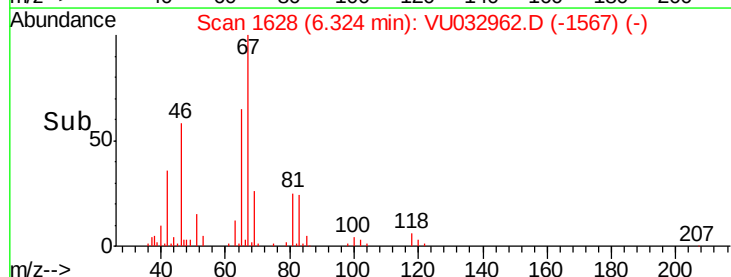
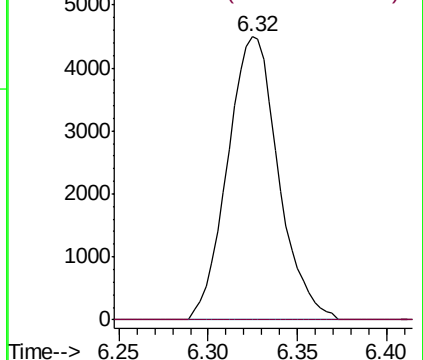
63 100

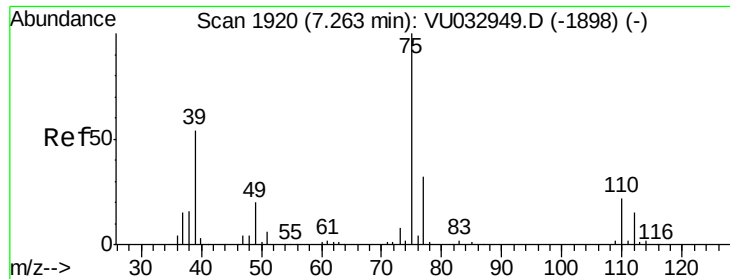
112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU0

Ion 112.00 (111.70 to 112.70): V

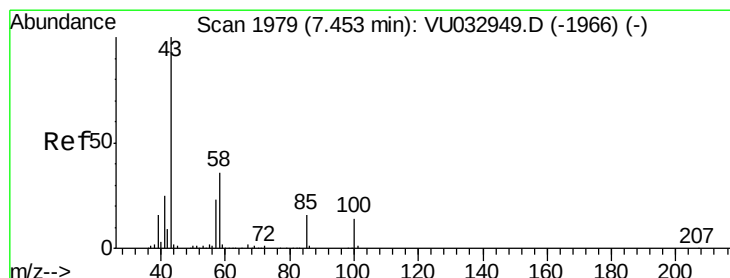
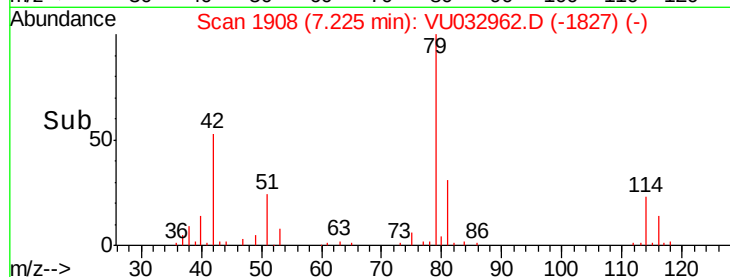
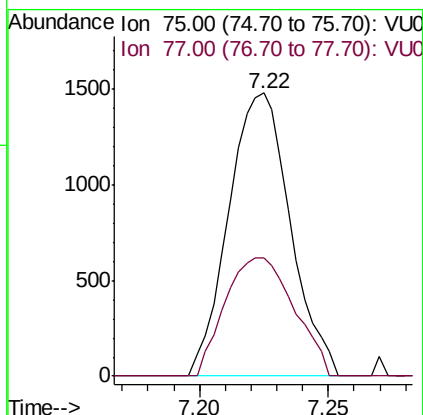
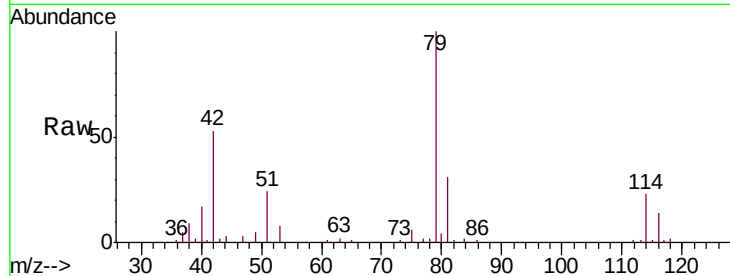




#39
 cis-1,3-Dichloropropene
 Concen: 1.071 ug/L
 RT: 7.22 min Scan# 1908
 Delta R.T. -0.04 min
 Lab File: VU032962.D
 Acq: 21 Jun 2019 22:09

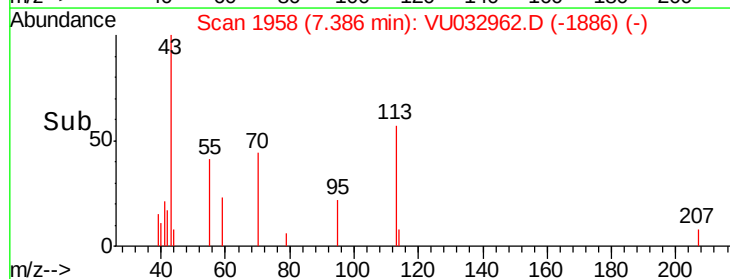
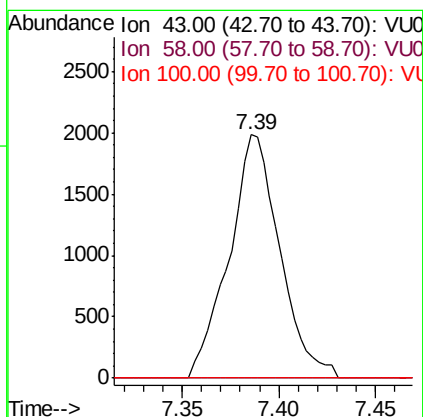
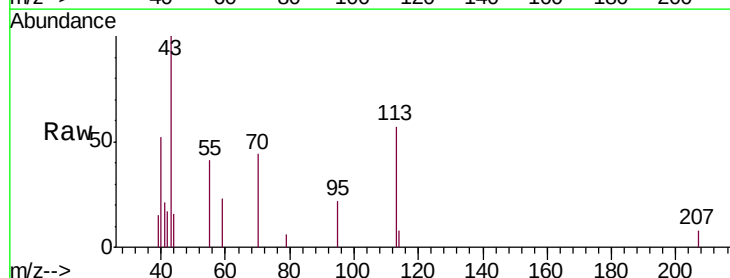
Instrument :
 MSVOA_U
 ClientSampleId :
 ETF33

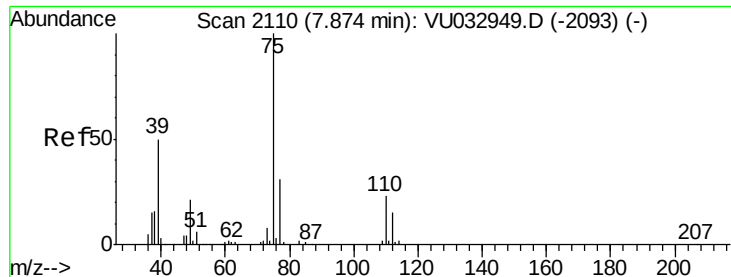
Tgt Ion: 75 Resp: 2472
 Ion Ratio Lower Upper
 75 100
 77 41.7 21.9 40.7#



#40
 4-Methyl-2-pentanone
 Concen: 1.532 ug/L
 RT: 7.39 min Scan# 1958
 Delta R.T. -0.07 min
 Lab File: VU032962.D
 Acq: 21 Jun 2019 22:09

Tgt Ion: 43 Resp: 3625
 Ion Ratio Lower Upper
 43 100
 58 0.0 29.4 44.2#
 100 0.0 11.2 16.8#





#44

trans-1,3-Dichloropropene

Concen: 0.718 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU032962.D

Acq: 21 Jun 2019 22:09

Instrument :

MSVOA_U

ClientSampled :

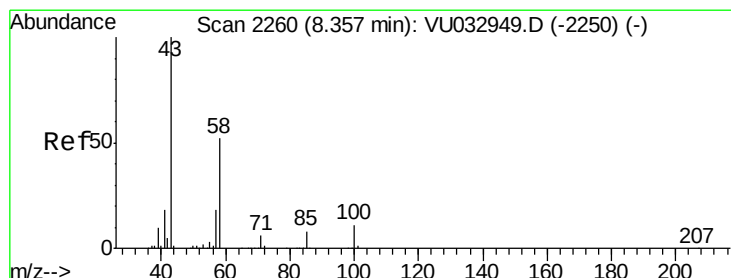
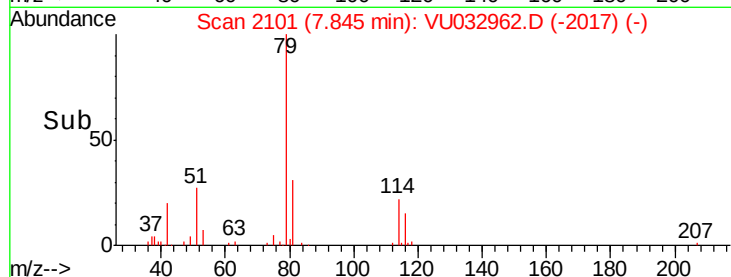
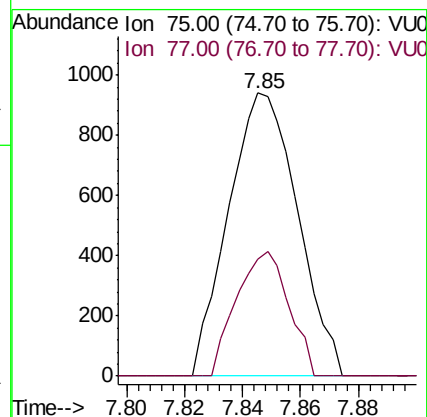
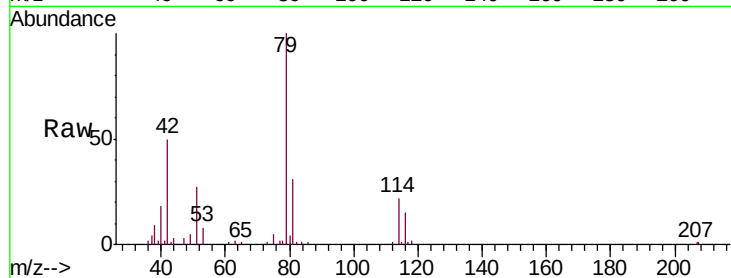
ETF33

Tgt Ion: 75 Resp: 1557

Ion Ratio Lower Upper

75 100

77 41.5 21.8 40.4#



#48

2-Hexanone

Concen: 1.381 ug/L

RT: 8.36 min Scan# 2261

Delta R.T. 0.00 min

Lab File: VU032962.D

Acq: 21 Jun 2019 22:09

Tgt Ion: 43 Resp: 2882

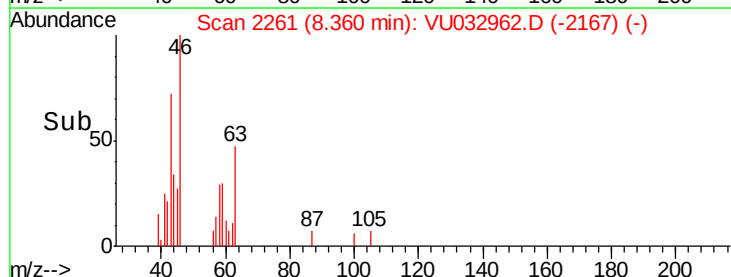
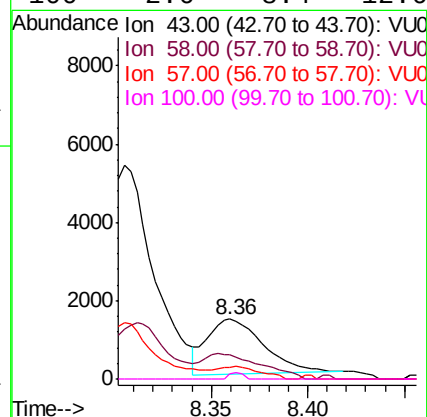
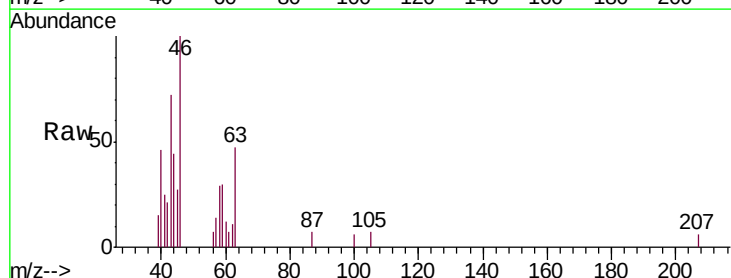
Ion Ratio Lower Upper

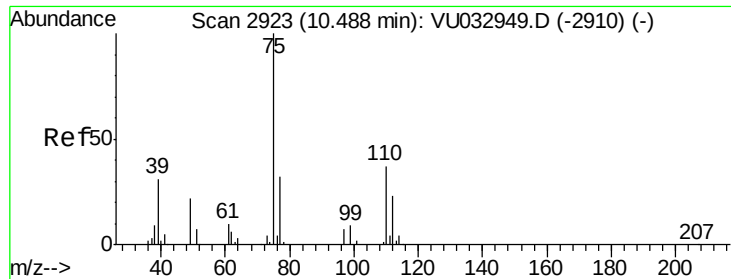
43 100

58 46.8 40.2 60.2

57 0.0 14.2 21.4#

100 2.6 8.4 12.6#





#59

1,2,3-Trichloropropane

Concen: 6.081 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032962.D

Acq: 21 Jun 2019 22:09

Instrument :

MSVOA_U

ClientSampleId :

ETF33

Tgt Ion: 75 Resp: 12026

Ion Ratio Lower Upper

75 100

77 37.9 25.5 38.3

