

Data File : VU032975.D
Acq On : 22 Jun 2019 03:08
Operator : JC/SP
Sample : K3464-16
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETF47

Quant Time: Jun 24 01:11:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Jun 24 01:08:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	186926	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	183125	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	86069	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	49187	38.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.00%
7) Chloroethane-d5	1.68	69	45557	44.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.42%
11) 1,1-Dichloroethene-d2	2.26	63	78985	30.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.38%
21) 2-Butanone-d5	4.17	46	124483	117.07	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	117.07%
24) Chloroform-d	4.64	84	118618	47.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.52%
26) 1,2-Dichloroethane-d4	5.30	65	85360	51.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.20%
32) Benzene-d6	5.33	84	225391	47.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.42%
36) 1,2-Dichloropropane-d6	6.32	67	75127	49.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.80%
41) Toluene-d8	7.56	98	200661	44.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.78%
43) trans-1,3-Dichloropropene-	7.85	79	34023	43.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.02%
47) 2-Hexanone-d5	8.31	63	73794	103.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.92%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	116221	49.44	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.88%
64) 1,2-Dichlorobenzene-d4	11.85	152	81236	48.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.54%

Target Compounds

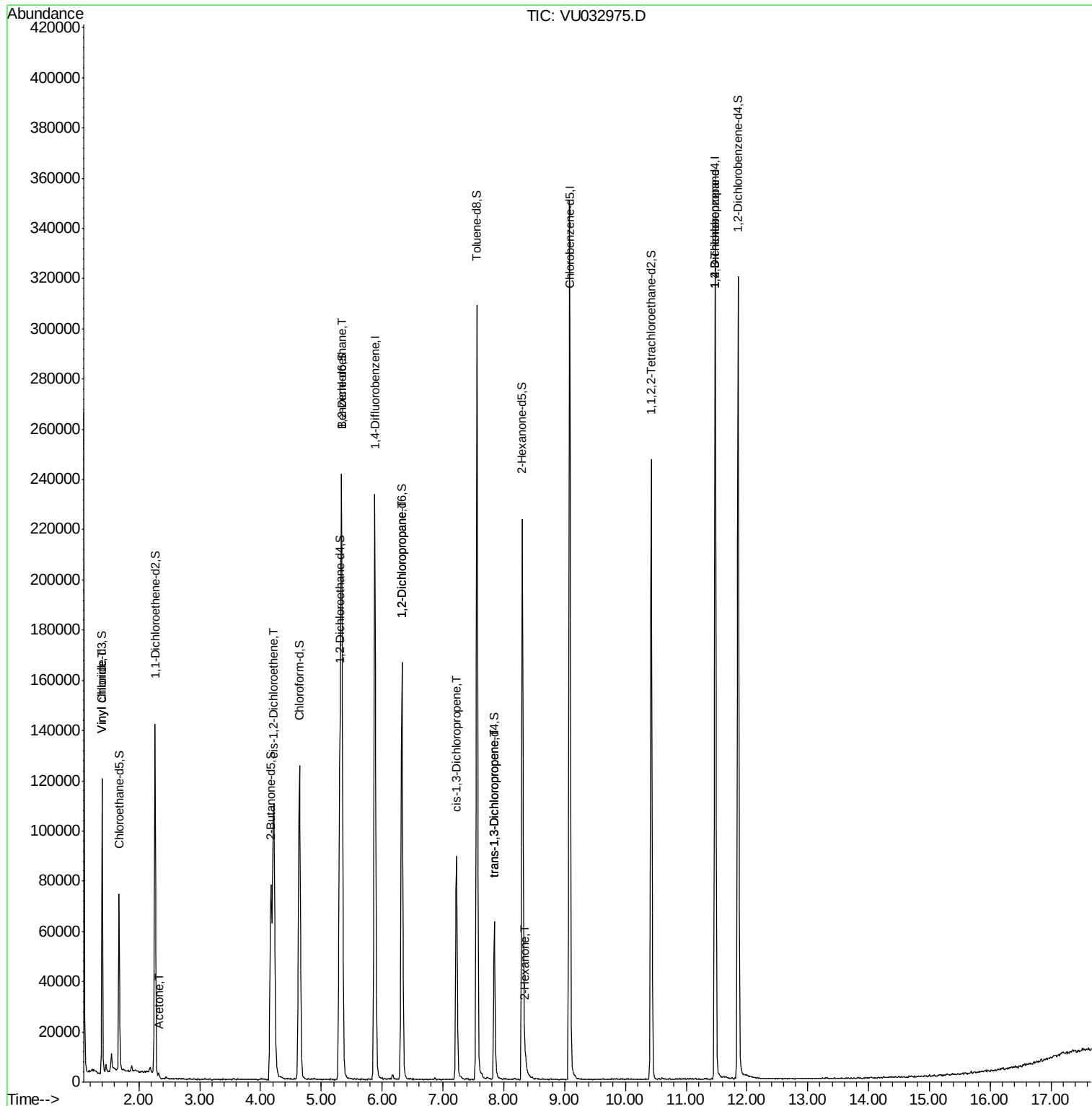
					Qvalue
5) Vinyl chloride	1.40	62	26496	15.609 ug/L	96
13) Acetone	2.32	43	991	0.675 ug/L	83
20) cis-1,2-Dichloroethene	4.22	96	55312	39.775 ug/L	94
27) 1,2-Dichloroethane	5.34	62	1569	0.761 ug/L #	77
37) 1,2-Dichloropropane	6.32	63	9195	6.354 ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2372	1.052 ug/L #	61
44) trans-1,3-Dichloropropene	7.84	75	1752	0.827 ug/L #	63
48) 2-Hexanone	8.36	43	2067	1.014 ug/L #	47
59) 1,2,3-Trichloropropane	11.48	75	11335	5.870 ug/L	93

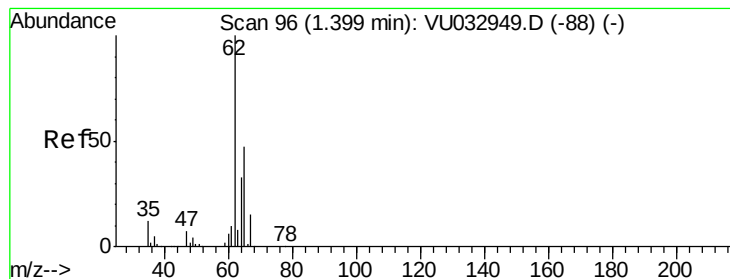
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU032975.D
Acq On : 22 Jun 2019 03:08
Operator : JC/SP
Sample : K3464-16
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETF47

Quant Time: Jun 24 01:11:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Jun 24 01:08:17 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 15.609 ug/L

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

Lab File: VU032975.D

Acq: 22 Jun 2019 03:08

Instrument :

MSVOA_U

ClientSampleId :

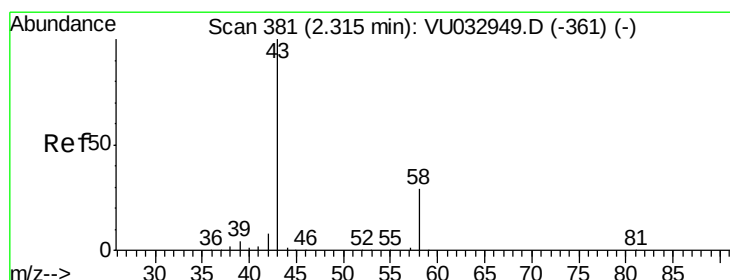
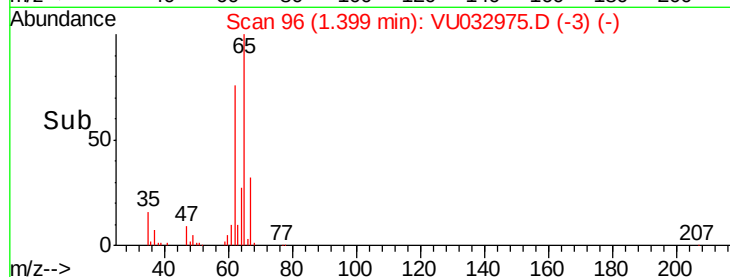
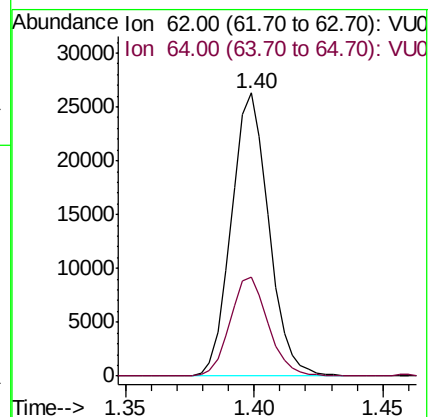
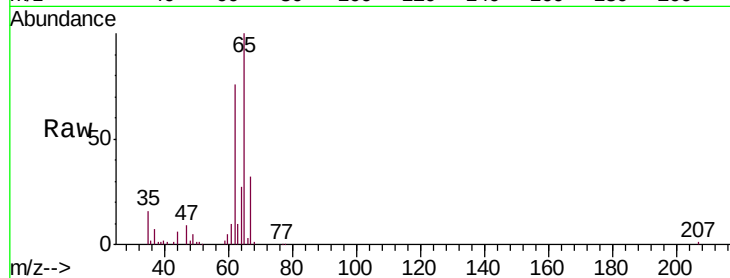
ETF47

Tgt Ion: 62 Resp: 26496

Ion Ratio Lower Upper

62 100

64 34.9 23.0 42.6



#13

Acetone

Concen: 0.675 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032975.D

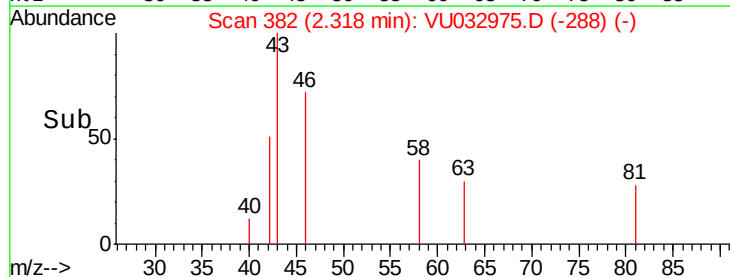
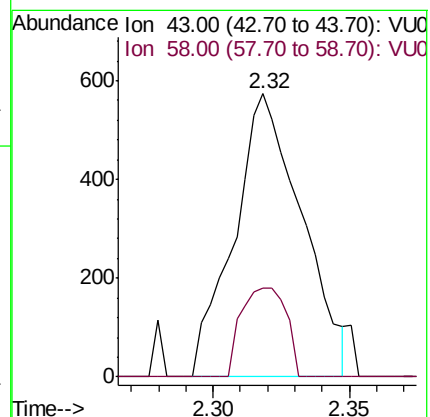
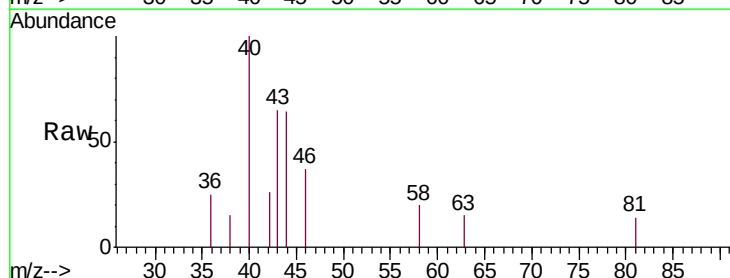
Acq: 22 Jun 2019 03:08

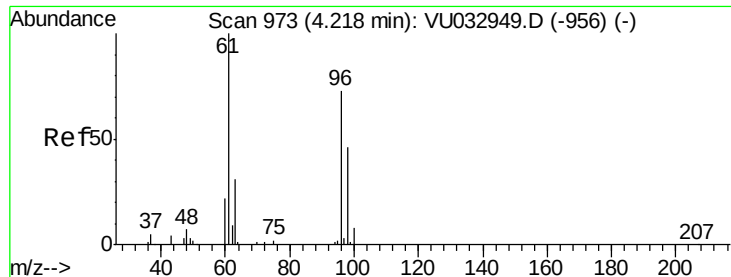
Tgt Ion: 43 Resp: 991

Ion Ratio Lower Upper

43 100

58 20.8 0.0 60.6

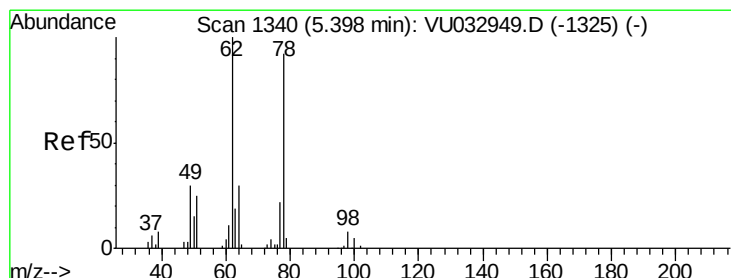
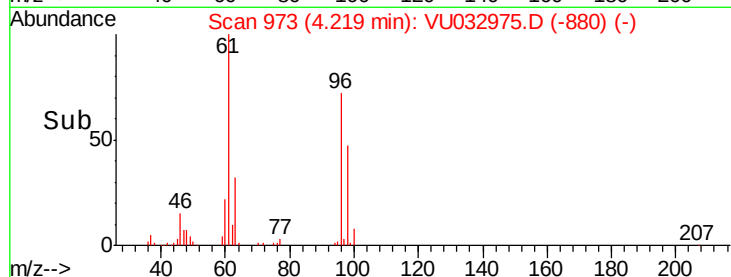
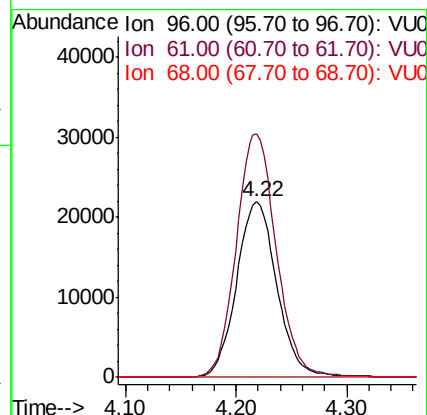
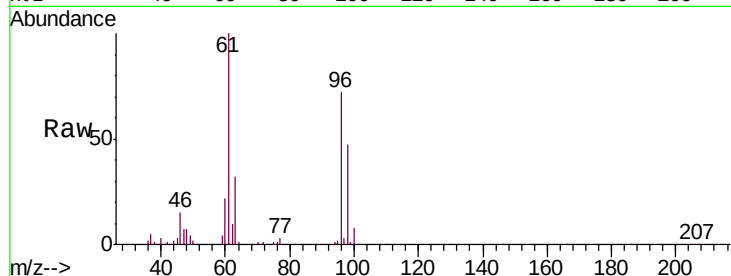




#20
 cis-1,2-Dichloroethene
 Concen: 39.775 ug/L
 RT: 4.22 min Scan# 973
 Delta R.T. 0.00 min
 Lab File: VU032975.D
 Acq: 22 Jun 2019 03:08

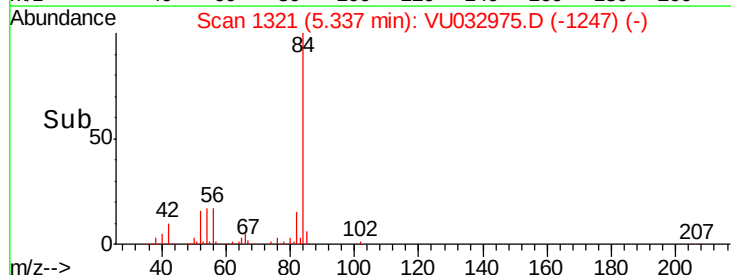
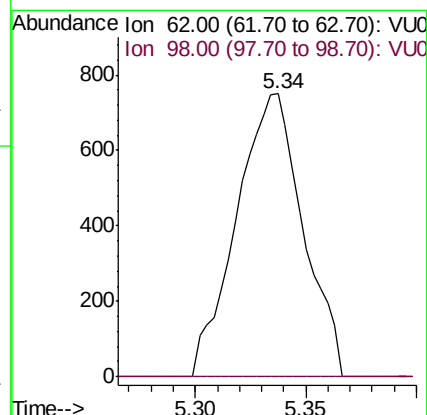
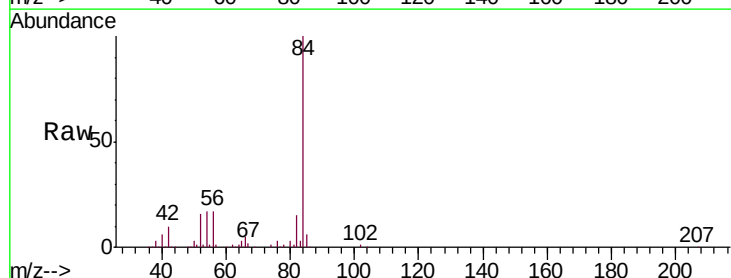
Instrument :
 MSVOA_U
 ClientSampleId :
 ETF47

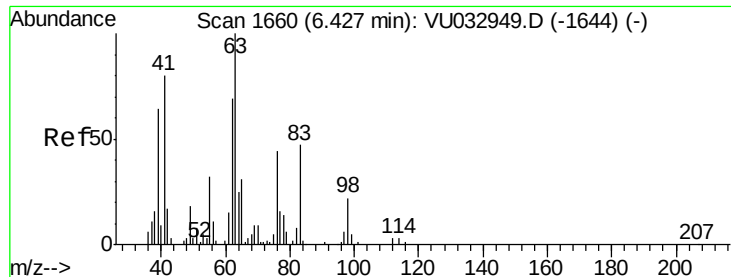
Tgt Ion: 96 Resp: 55312
 Ion Ratio Lower Upper
 96 100
 61 138.6 92.4 171.6
 68 0.0 0.0 0.0



#27
 1,2-Dichloroethane
 Concen: 0.761 ug/L
 RT: 5.34 min Scan# 1321
 Delta R.T. -0.06 min
 Lab File: VU032975.D
 Acq: 22 Jun 2019 03:08

Tgt Ion: 62 Resp: 1569
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.6 10.0#

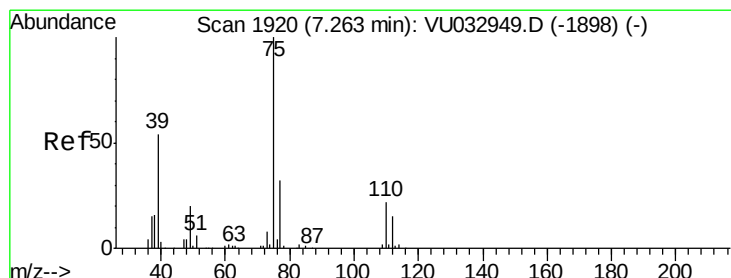
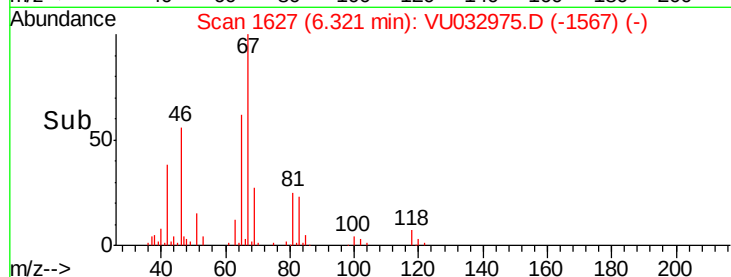
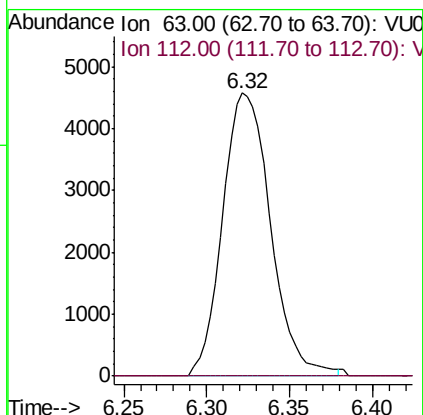
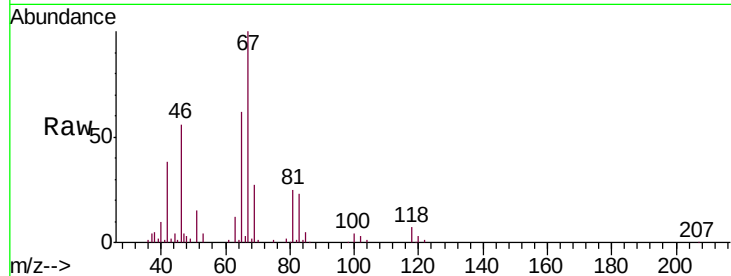




#37
 1,2-Dichloropropane
 Concen: 6.354 ug/L
 RT: 6.32 min Scan# 1627
 Delta R.T. -0.11 min
 Lab File: VU032975.D
 Acq: 22 Jun 2019 03:08

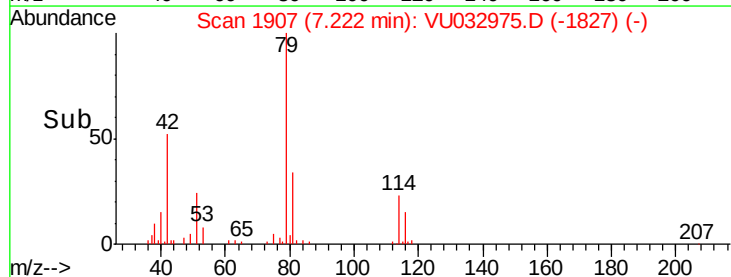
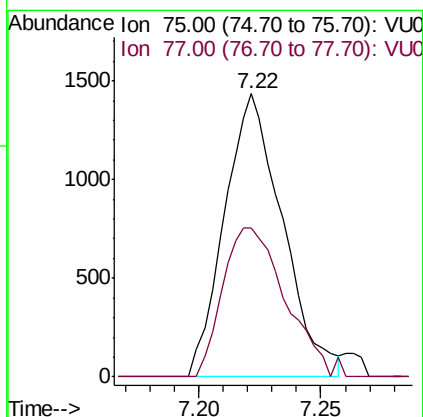
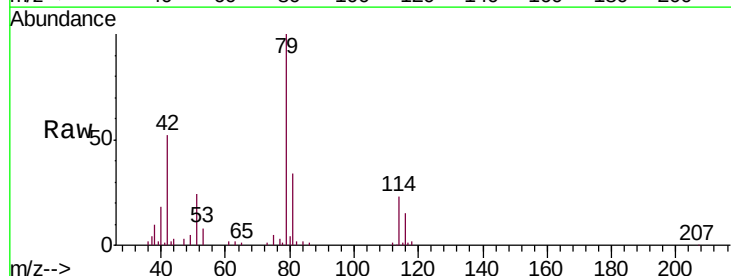
Instrument :
 MSVOA_U
 ClientSampleId :
 ETF47

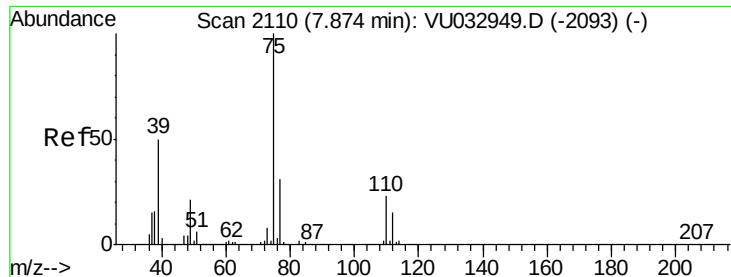
Tgt Ion: 63 Resp: 9195
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 1.052 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.04 min
 Lab File: VU032975.D
 Acq: 22 Jun 2019 03:08

Tgt Ion: 75 Resp: 2372
 Ion Ratio Lower Upper
 75 100
 77 52.7 21.9 40.7#





#44

trans-1,3-Dichloropropene

Concen: 0.827 ug/L

RT: 7.84 min Scan# 2100

Delta R.T. -0.03 min

Lab File: VU032975.D

Acq: 22 Jun 2019 03:08

Instrument :

MSVOA_U

ClientSampled :

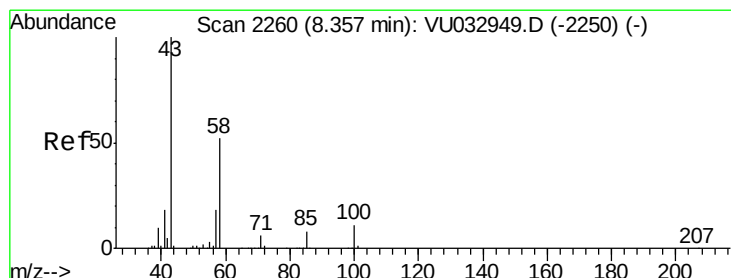
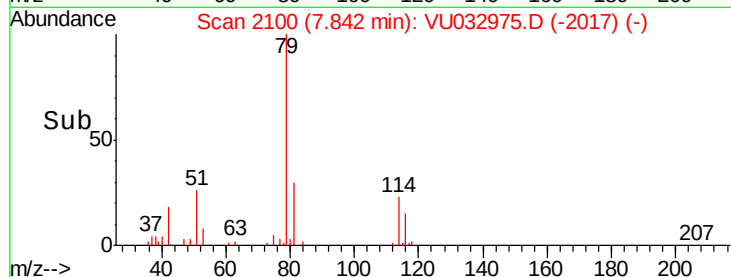
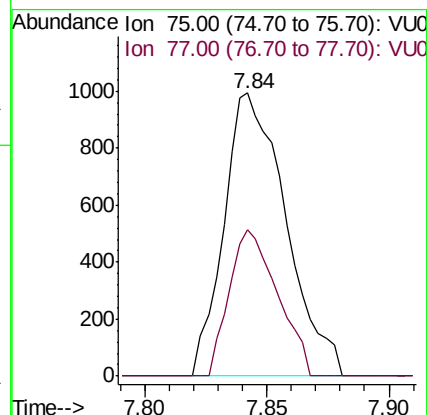
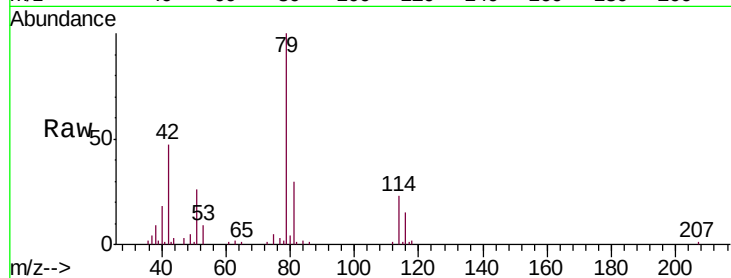
ETF47

Tgt Ion: 75 Resp: 1752

Ion Ratio Lower Upper

75 100

77 51.6 21.8 40.4#



#48

2-Hexanone

Concen: 1.014 ug/L

RT: 8.36 min Scan# 2260

Delta R.T. 0.00 min

Lab File: VU032975.D

Acq: 22 Jun 2019 03:08

Tgt Ion: 43 Resp: 2067

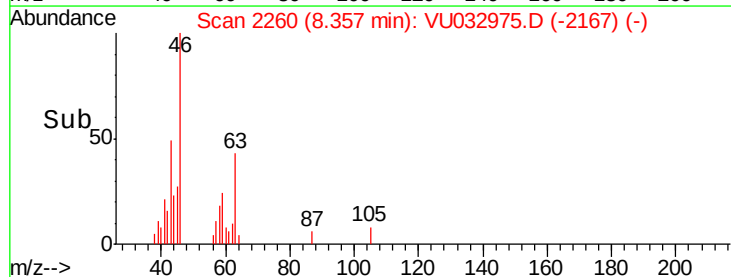
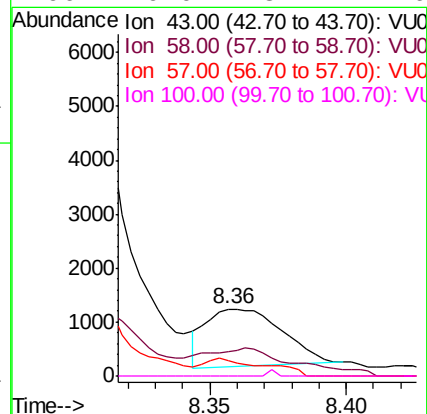
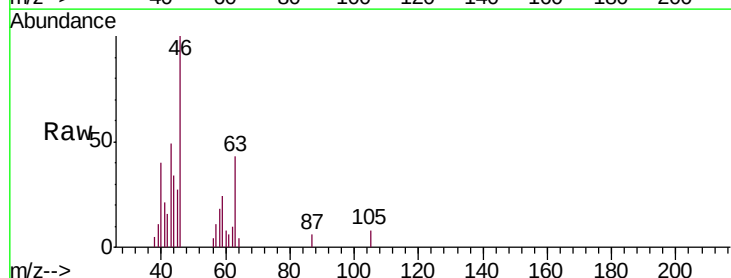
Ion Ratio Lower Upper

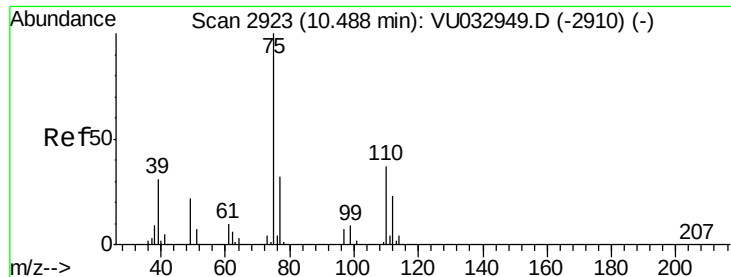
43 100

58 3.0 40.2 60.2#

57 7.2 14.2 21.4#

100 0.0 8.4 12.6#





#59

1,2,3-Trichloropropane

Concen: 5.870 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032975.D

Acq: 22 Jun 2019 03:08

Instrument :

MSVOA_U

ClientSampleId :

ETF47

Tgt Ion: 75 Resp: 11335

Ion Ratio Lower Upper

75 100

77 36.1 25.5 38.3

