

Data File : VU032951.D
Acq On : 21 Jun 2019 17:56
Operator : JC/SP
Sample : K3478-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ETF09

Quant Time: Jun 22 01:59:06 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	196945	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	190562	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	90504	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	53144	39.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.96%
7) Chloroethane-d5	1.68	69	47398	44.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.30%
11) 1,1-Dichloroethene-d2	2.26	63	85180	31.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.82%
21) 2-Butanone-d5	4.17	46	122445	109.30	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.30%
24) Chloroform-d	4.64	84	122897	46.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.94%
26) 1,2-Dichloroethane-d4	5.30	65	88573	50.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.64%
32) Benzene-d6	5.33	84	231136	46.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.06%
36) 1,2-Dichloropropane-d6	6.32	67	77083	48.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.42%
41) Toluene-d8	7.56	98	205693	44.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.44%
43) trans-1,3-Dichloropropene-	7.85	79	36953	44.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.78%
47) 2-Hexanone-d5	8.31	63	72225	97.75	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.75%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	118753	48.54	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.08%
64) 1,2-Dichlorobenzene-d4	11.85	152	86275	49.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.52%

Target Compounds

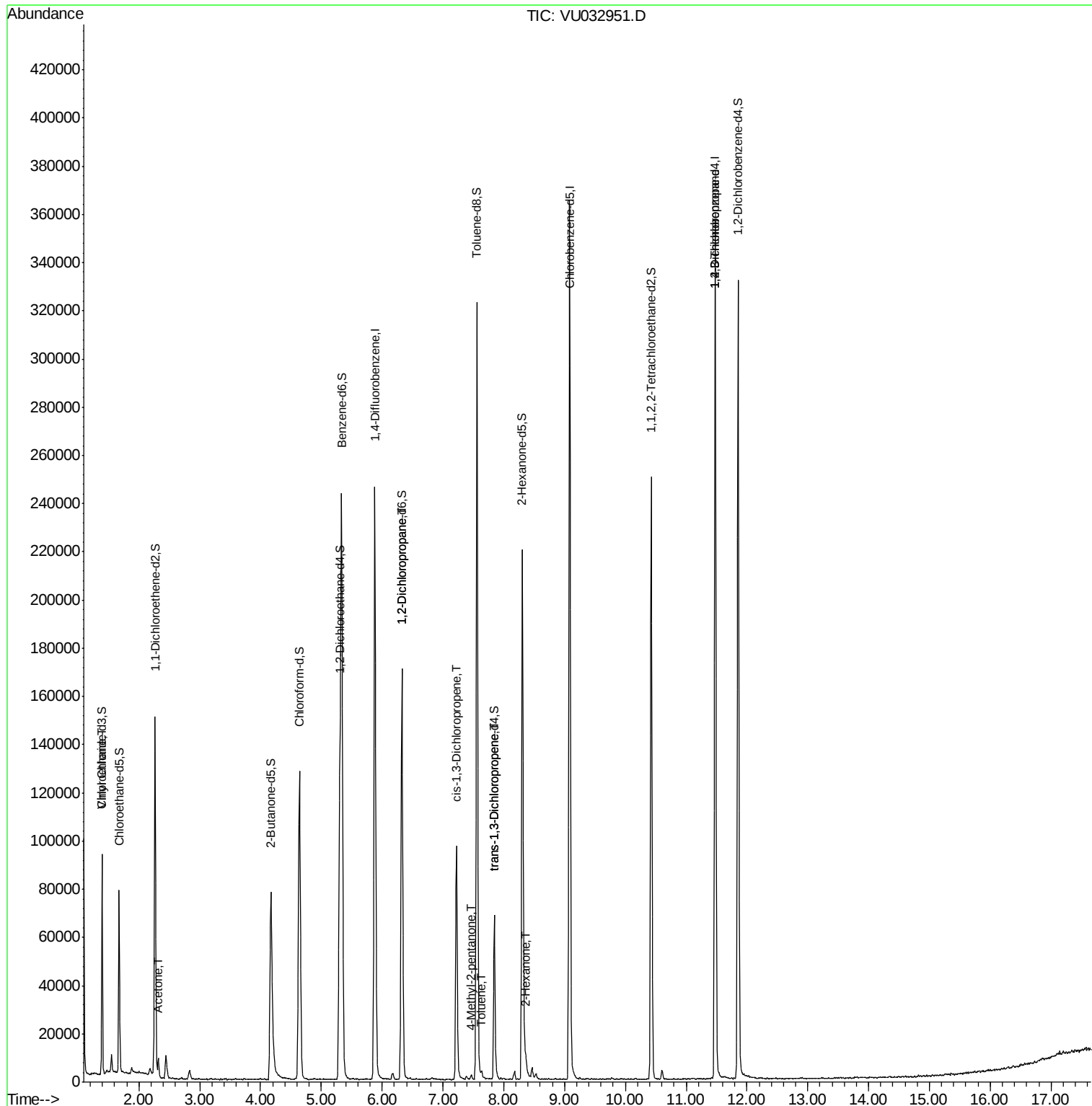
					Qvalue	
8) Chloroethane	1.40	64	979	0.951	ug/L #	1
13) Acetone	2.32	43	7704	4.979	ug/L	94
37) 1,2-Dichloropropane	6.32	63	9104	6.046	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	2923	1.246	ug/L #	67
40) 4-Methyl-2-pentanone	7.46	43	1406	0.585	ug/L #	79
42) Toluene	7.64	91	2166	0.365	ug/L	79
44) trans-1,3-Dichloropropene	7.85	75	2048	0.929	ug/L	96
48) 2-Hexanone	8.36	43	3582	1.689	ug/L #	77
59) 1,2,3-Trichloropropane	11.48	75	11846	5.895	ug/L	91

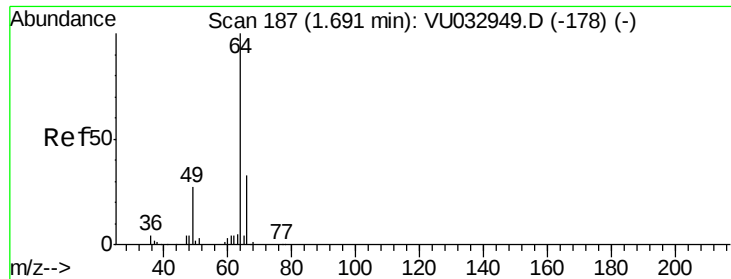
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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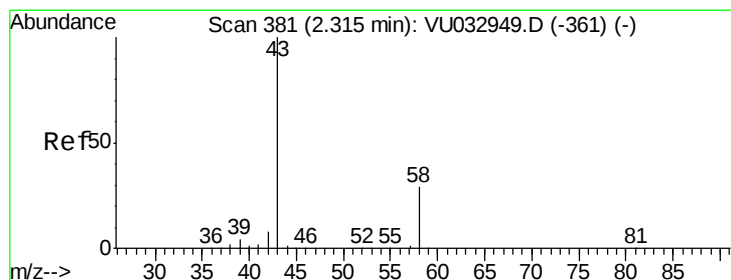
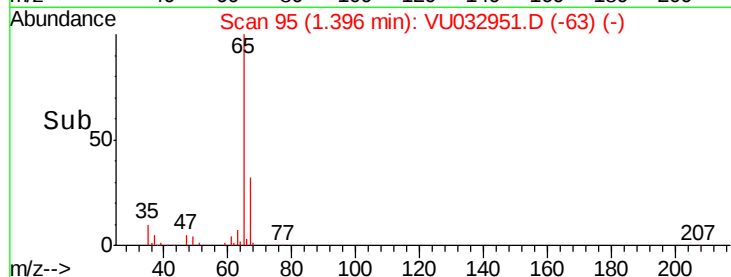
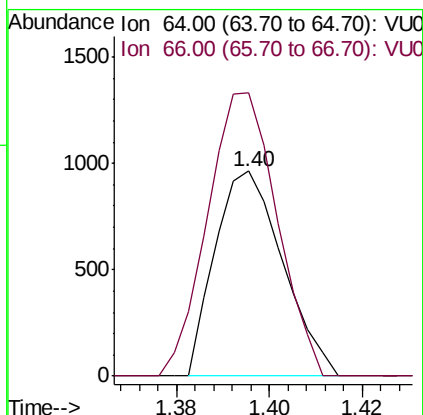
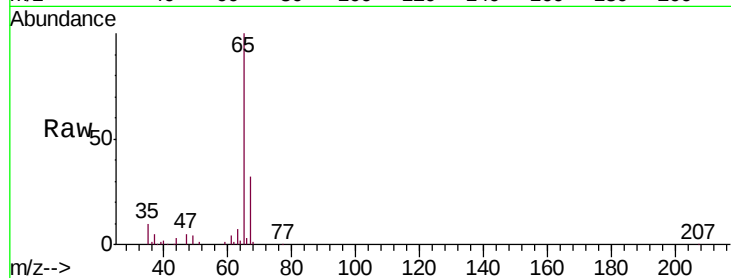




#8
Chloroethane
Concen: 0.951 ug/L
RT: 1.40 min Scan# 95
Delta R.T. -0.30 min
Lab File: VU032951.D
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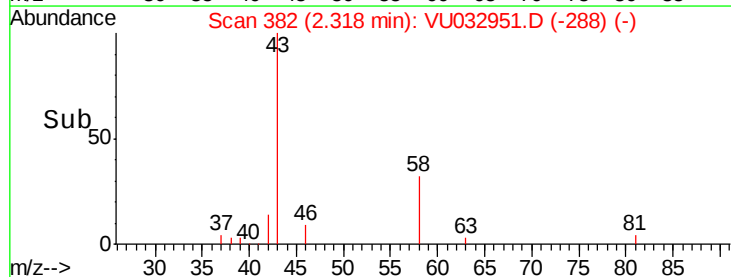
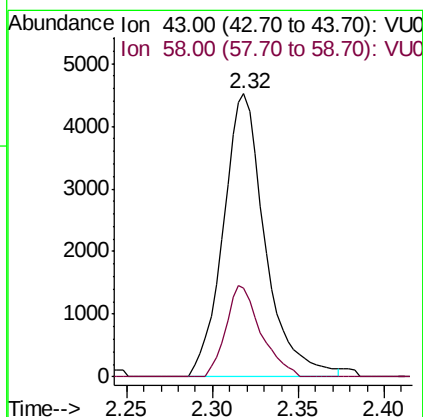
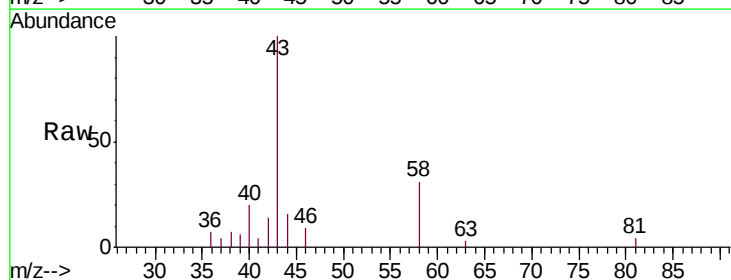
Instrument :
MSVOA_U
ClientSampleId :
ETF09

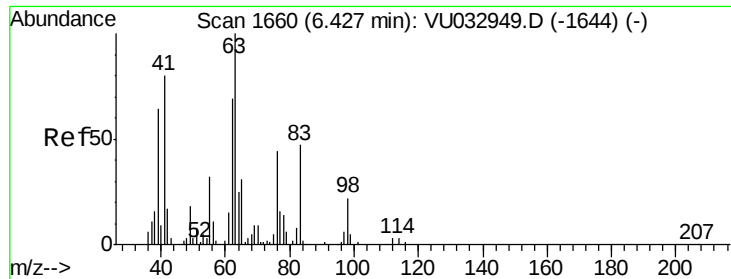
Tgt Ion: 64 Resp: 979
Ion Ratio Lower Upper
64 100
66 138.2 22.5 41.7#



#13
Acetone
Concen: 4.979 ug/L
RT: 2.32 min Scan# 382
Delta R.T. 0.00 min
Lab File: VU032951.D
Acq: 21 Jun 2019 17:56

Tgt Ion: 43 Resp: 7704
Ion Ratio Lower Upper
43 100
58 26.8 0.0 60.6

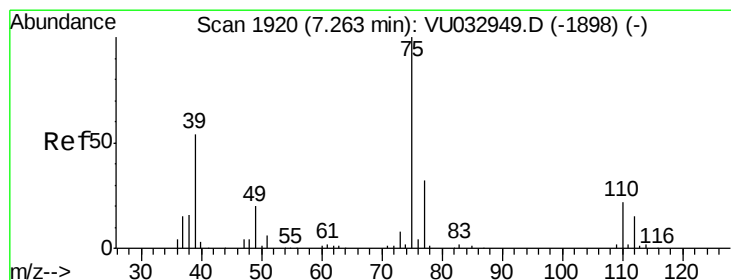
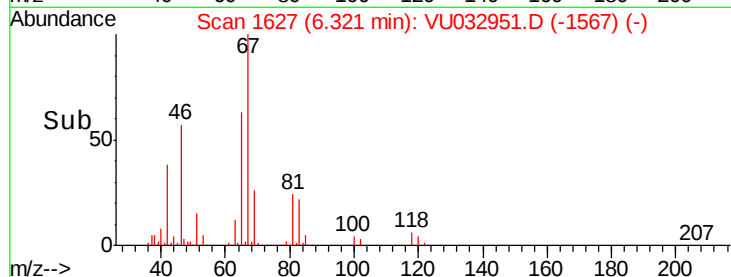
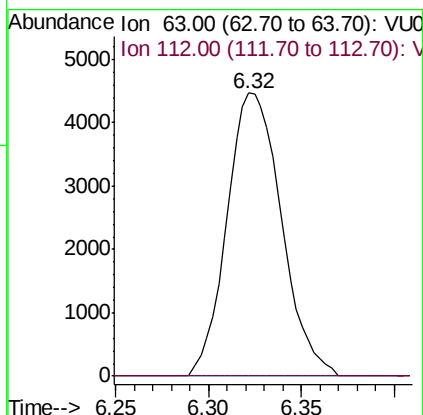
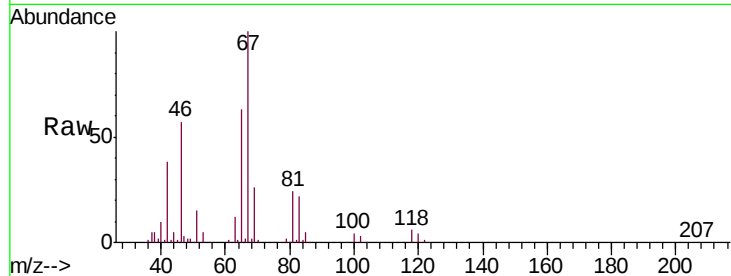




#37
 1,2-Dichloropropane
 Concen: 6.046 ug/L
 RT: 6.32 min Scan# 1627
 Delta R.T. -0.11 min
 Lab File: VU032951.D
 Acq: 21 Jun 2019 17:56

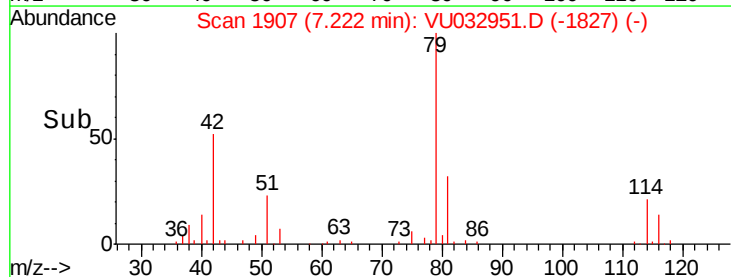
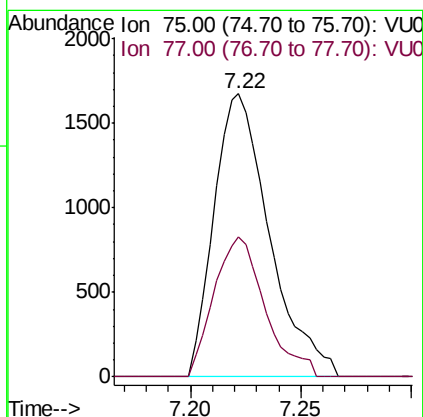
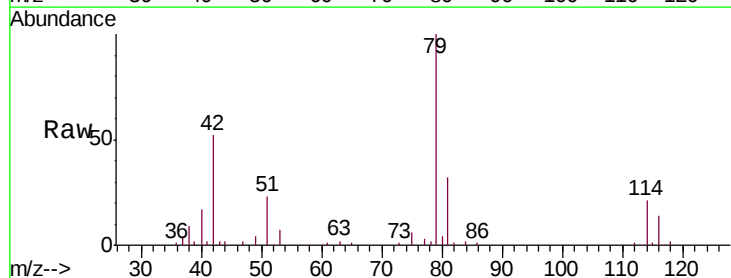
Instrument :
 MSVOA_U
 ClientSampleId :
 ETF09

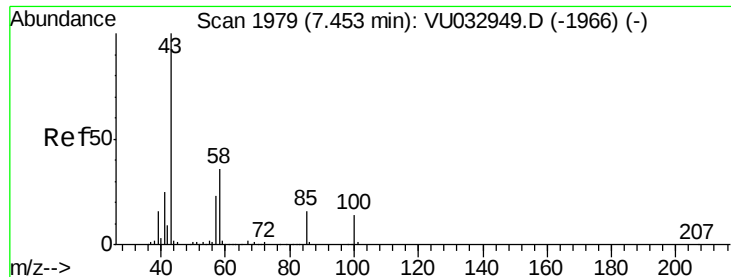
Tgt Ion: 63 Resp: 9104
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 1.246 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.04 min
 Lab File: VU032951.D
 Acq: 21 Jun 2019 17:56

Tgt Ion: 75 Resp: 2923
 Ion Ratio Lower Upper
 75 100
 77 49.6 21.9 40.7#

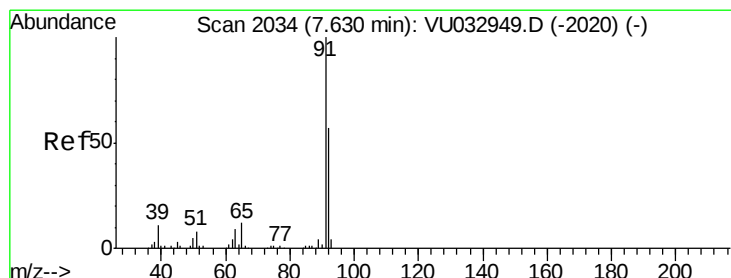
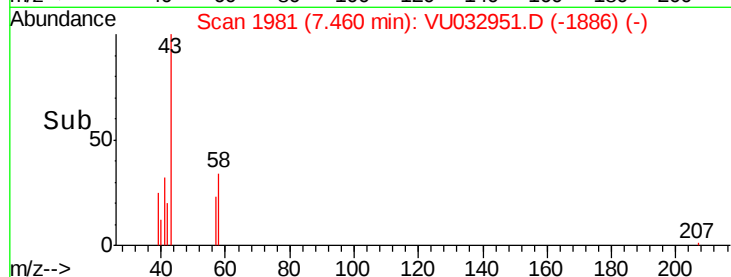
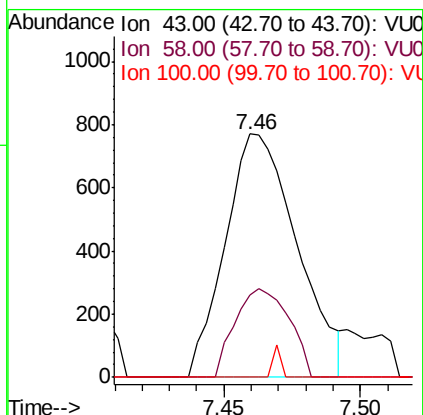
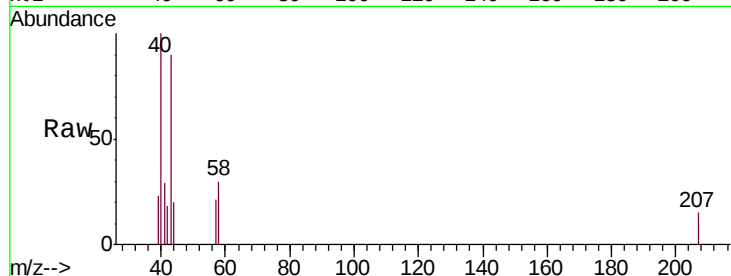




#40
 4-Methyl-2-pentanone
 Concen: 0.585 ug/L
 RT: 7.46 min Scan# 1981
 Delta R.T. 0.01 min
 Lab File: VU032951.D
 Acq: 21 Jun 2019 17:56

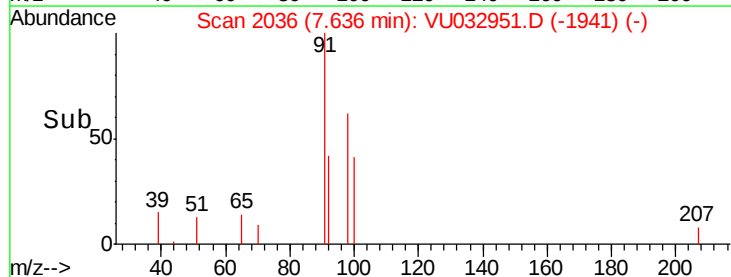
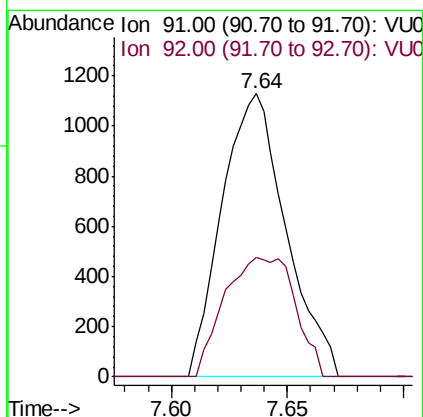
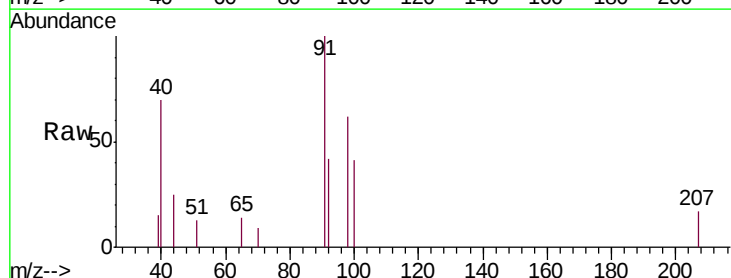
Instrument :
 MSVOA_U
 ClientSampled :
 ETF09

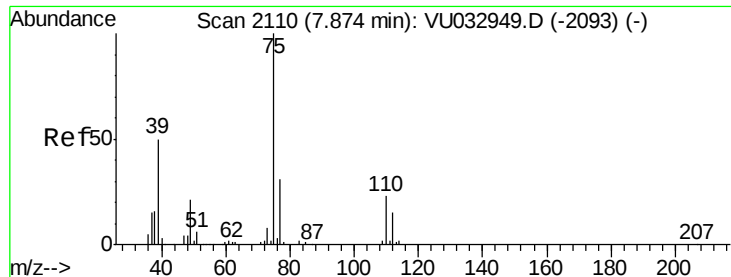
Tgt Ion: 43 Resp: 1406
 Ion Ratio Lower Upper
 43 100
 58 27.5 29.4 44.2#
 100 0.0 11.2 16.8#



#42
 Toluene
 Concen: 0.365 ug/L
 RT: 7.64 min Scan# 2036
 Delta R.T. 0.01 min
 Lab File: VU032951.D
 Acq: 21 Jun 2019 17:56

Tgt Ion: 91 Resp: 2166
 Ion Ratio Lower Upper
 91 100
 92 42.3 40.4 75.0

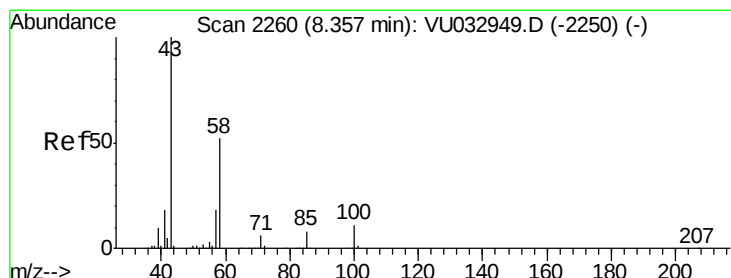
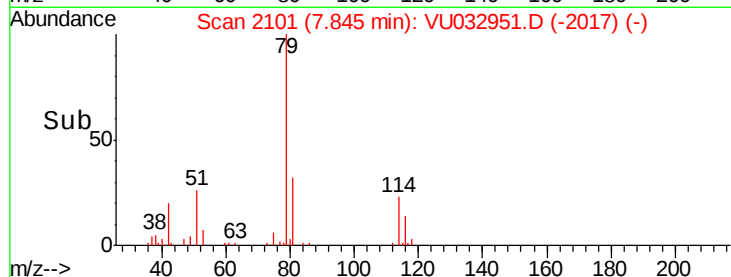
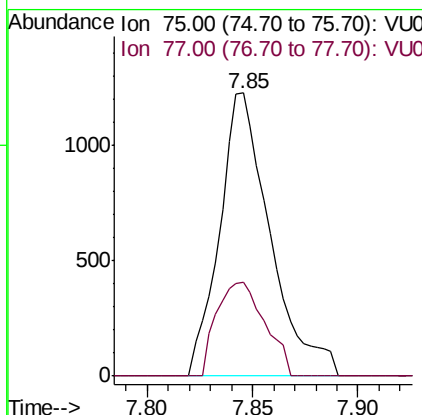
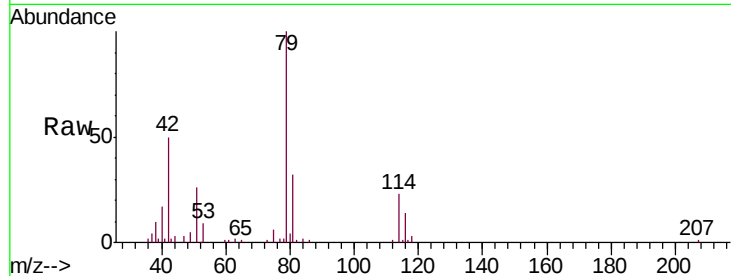




#44
trans-1,3-Dichloropropene
Concen: 0.929 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU032951.D
Acq: 21 Jun 2019 17:56

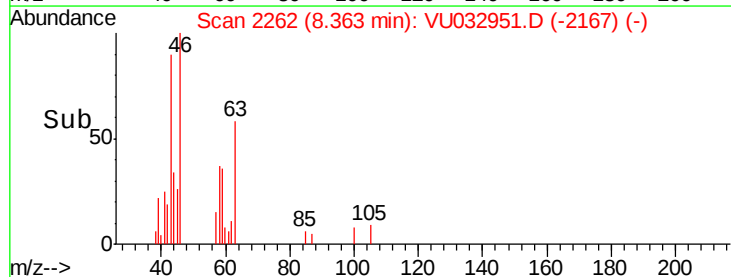
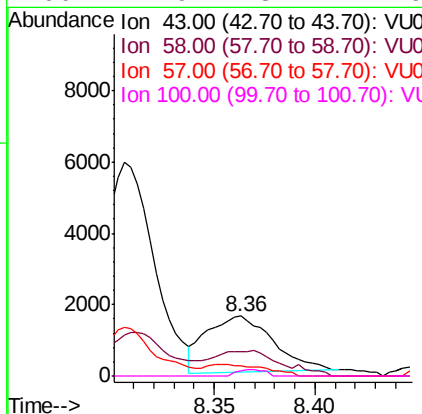
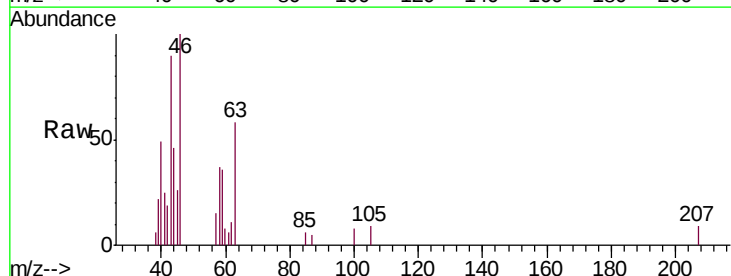
Instrument :
MSVOA_U
ClientSampled :
ETF09

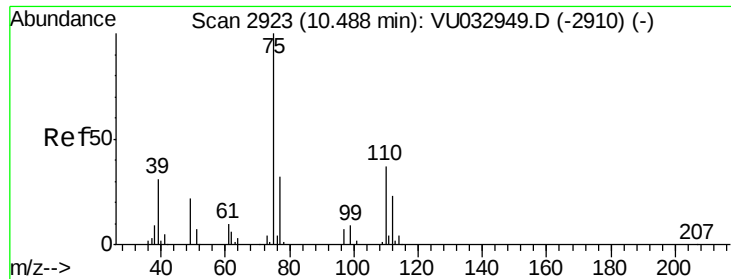
Tgt Ion: 75 Resp: 2048
Ion Ratio Lower Upper
75 100
77 33.3 21.8 40.4



#48
2-Hexanone
Concen: 1.689 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.01 min
Lab File: VU032951.D
Acq: 21 Jun 2019 17:56

Tgt Ion: 43 Resp: 3582
Ion Ratio Lower Upper
43 100
58 30.8 40.2 60.2#
57 11.4 14.2 21.4#
100 4.9 8.4 12.6#





#59

1,2,3-Trichloropropane

Concen: 5.895 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032951.D

Acq: 21 Jun 2019 17:56

Instrument :

MSVOA_U

ClientSampleId :

ETF09

Tgt Ion: 75 Resp: 11846

Ion Ratio Lower Upper

75 100

77 36.9 25.5 38.3

