

Data File : VU033010.D
Acq On : 24 Jun 2019 17:11
Operator : JC/SP
Sample : VU0624WBL02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VBLK40

Quant Time: Jun 25 06:57:51 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	197584	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	191459	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	94626	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	54525	40.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.76%
7) Chloroethane-d5	1.67	69	47346	43.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.92%
11) 1,1-Dichloroethene-d2	2.26	63	89162	32.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.56%
21) 2-Butanone-d5	4.17	46	122341	108.85	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.85%
24) Chloroform-d	4.64	84	128899	49.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.30	65	90743	51.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.80%
32) Benzene-d6	5.33	84	245631	49.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.44%
36) 1,2-Dichloropropane-d6	6.32	67	80237	50.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.94%
41) Toluene-d8	7.56	98	223864	47.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.80%
43) trans-1,3-Dichloropropene-	7.85	79	40440	48.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.80%
47) 2-Hexanone-d5	8.31	63	74312	100.10	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.10%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	119930	48.79	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.58%
64) 1,2-Dichlorobenzene-d4	11.85	152	92980	50.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.56%

Target Compounds

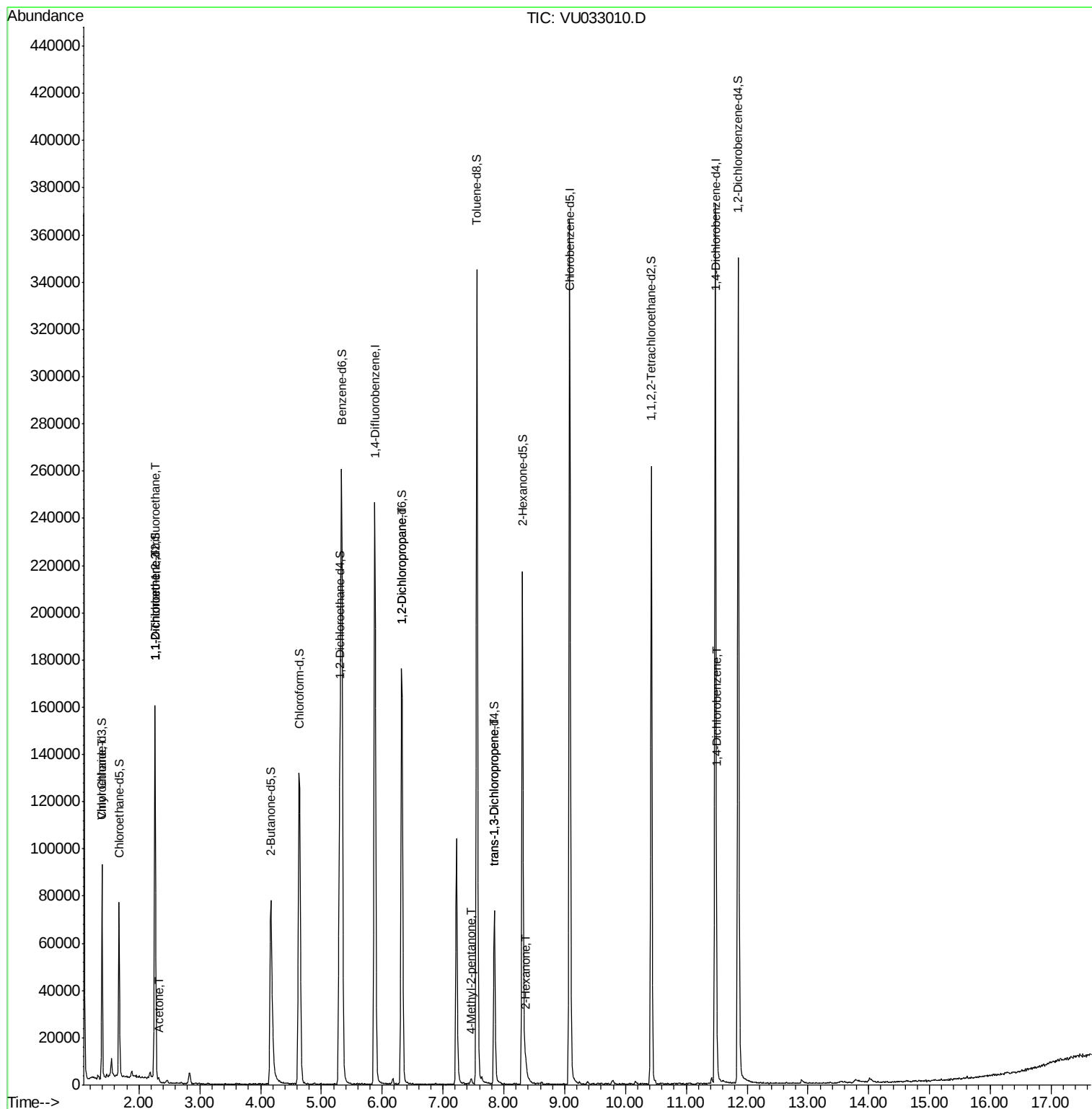
					Qvalue
8) Chloroethane	1.40	64	895	0.867 ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	853	0.646 ug/L #	17
12) 1,1-Dichloroethene	2.26	96	715	0.575 ug/L #	1
13) Acetone	2.32	43	1042	0.671 ug/L	68
37) 1,2-Dichloropropane	6.32	63	9835	6.501 ug/L #	88
40) 4-Methyl-2-pentanone	7.46	43	1807	0.748 ug/L #	73
44) trans-1,3-Dichloropropene	7.85	75	2370	1.071 ug/L	91
48) 2-Hexanone	8.36	43	5506	2.584 ug/L #	89
63) 1,4-Dichlorobenzene	11.50	146	1693	0.557 ug/L	88

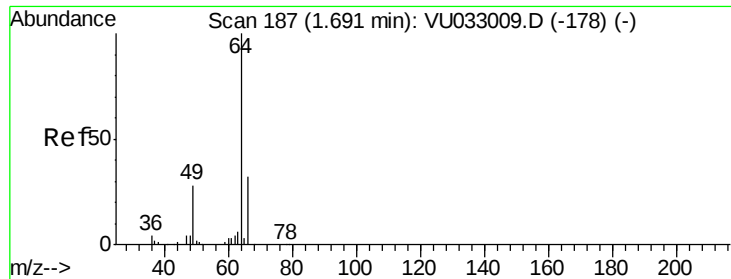
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.867 ug/L

RT: 1.40 min Scan# 95

Delta R.T. -0.30 min

Lab File: VU033010.D

Acq: 24 Jun 2019 17:11

Instrument :

MSVOA_U

ClientSampleId :

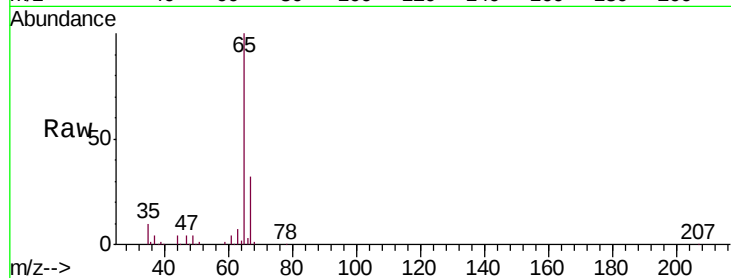
VBLK40

Tgt Ion: 64 Resp: 895

Ion Ratio Lower Upper

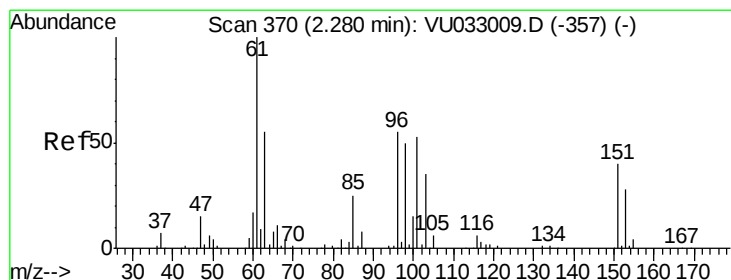
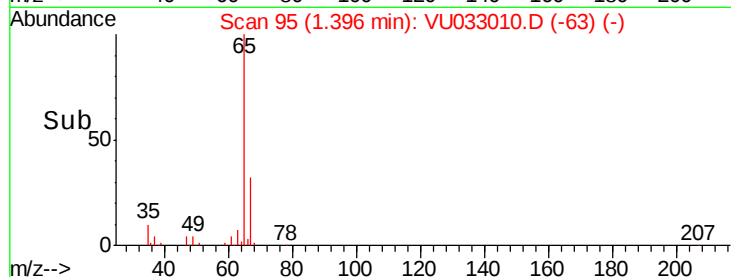
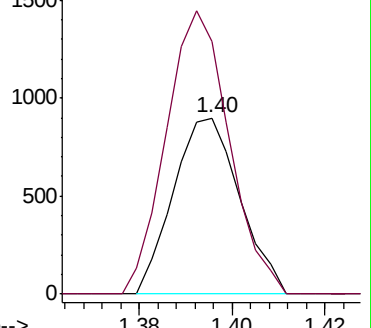
64 100

66 143.3 22.5 41.7#



Abundance Ion 64.00 (63.70 to 64.70): VU033009.D (-178) (-)

Ion 66.00 (65.70 to 66.70): VU033009.D (-178) (-)



#10

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

Concen: 0.646 ug/L

RT: 2.26 min Scan# 365

Delta R.T. -0.02 min

Lab File: VU033010.D

Acq: 24 Jun 2019 17:11

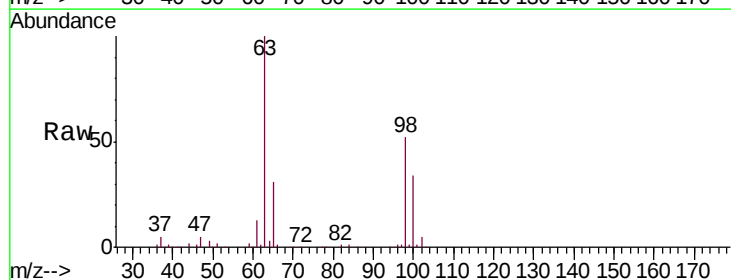
Tgt Ion: 101 Resp: 853

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

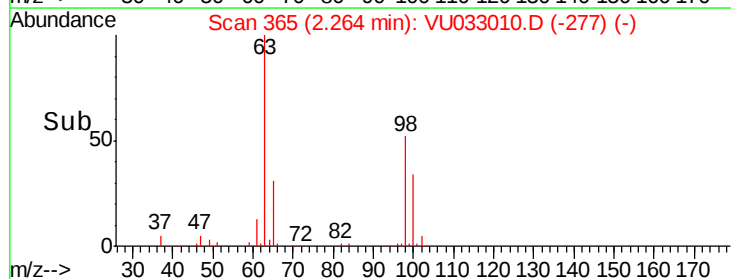
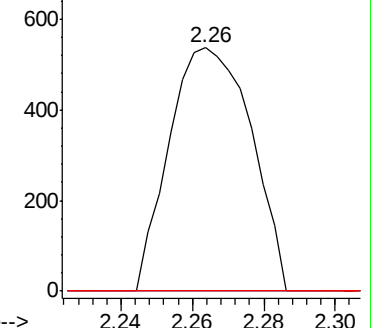
151 0.0 63.6 95.4#

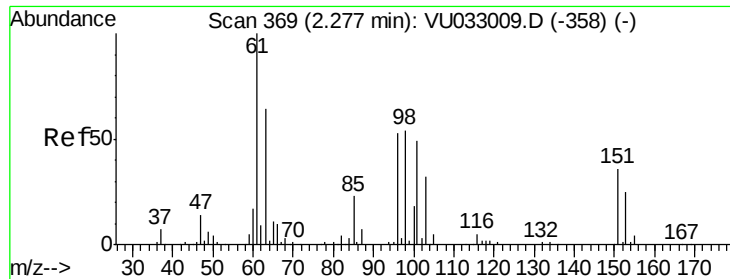


Abundance Ion 101.00 (100.70 to 101.70): VU033009.D (-357) (-)

Ion 85.00 (84.70 to 85.70): VU033009.D (-357) (-)

Ion 151.00 (150.70 to 151.70): VU033009.D (-357) (-)

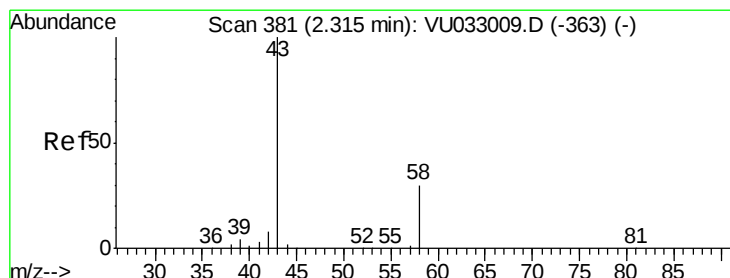
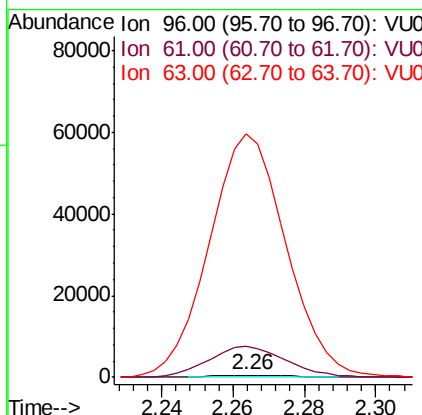
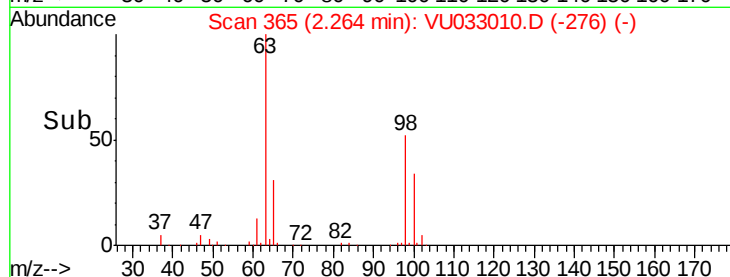
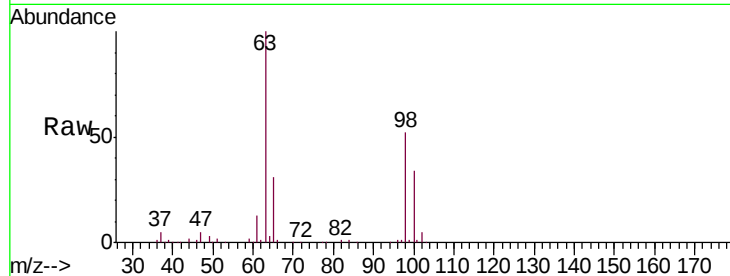




#12
 1,1-Dichloroethene
 Concen: 0.575 ug/L
 RT: 2.26 min Scan# 365
 Delta R.T. -0.01 min
 Lab File: VU033010.D
 Acq: 24 Jun 2019 17:11

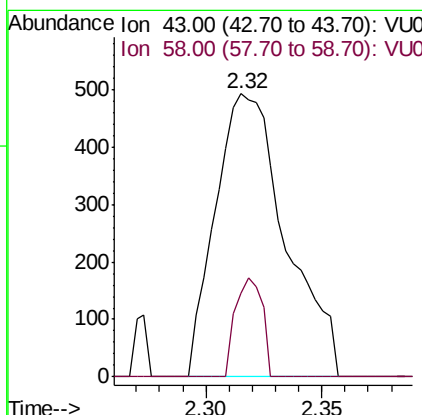
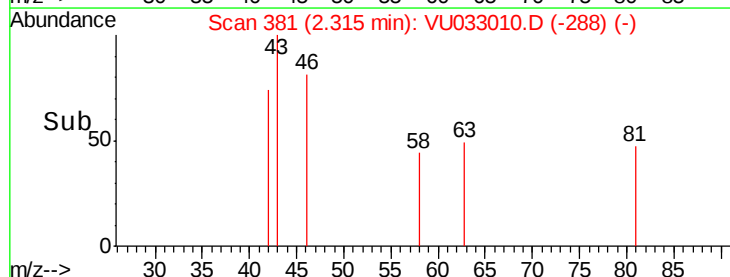
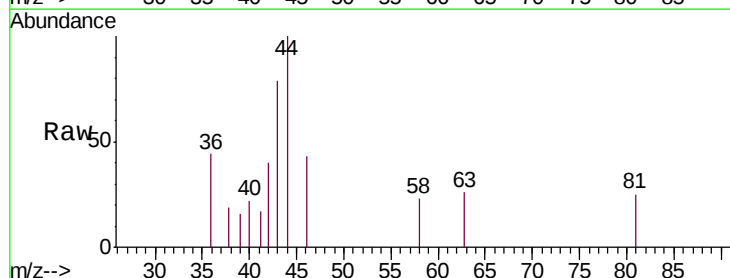
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK40

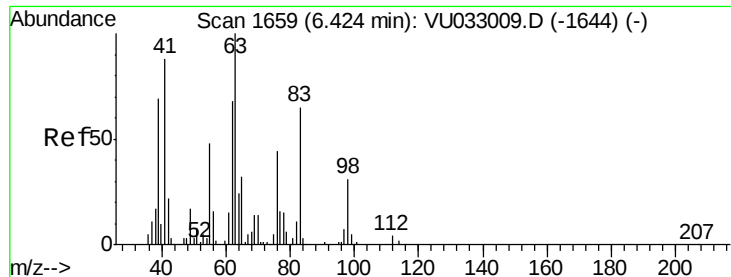
Tgt Ion: 96 Resp: 715
 Ion Ratio Lower Upper
 96 100
 61 1509.0 131.0 243.4#
 63 11921.6 101.0 187.6#



#13
 Acetone
 Concen: 0.671 ug/L
 RT: 2.32 min Scan# 381
 Delta R.T. 0.00 min
 Lab File: VU033010.D
 Acq: 24 Jun 2019 17:11

Tgt Ion: 43 Resp: 1042
 Ion Ratio Lower Upper
 43 100
 58 13.1 0.0 60.6

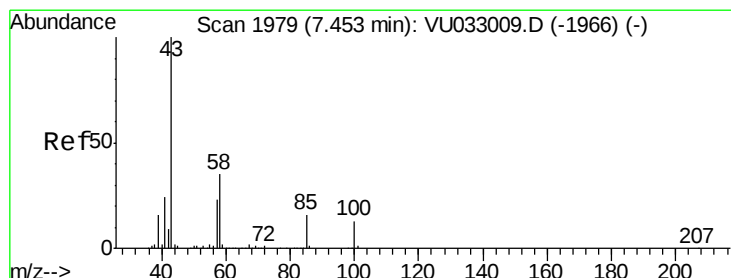
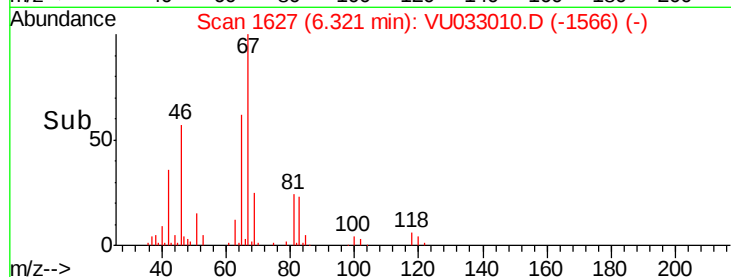
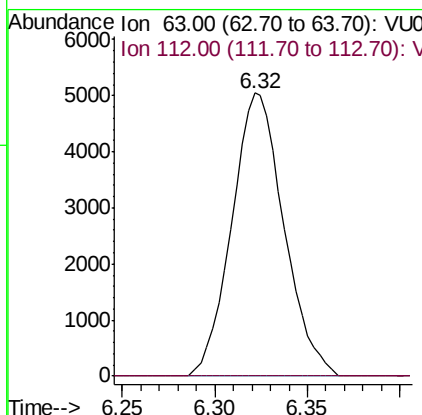
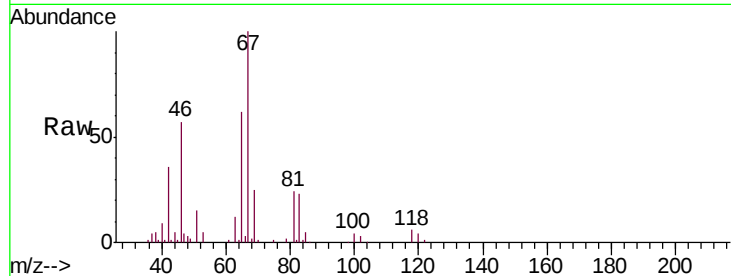




#37
 1,2-Dichloropropane
 Concen: 6.501 ug/L
 RT: 6.32 min Scan# 1627
 Delta R.T. -0.10 min
 Lab File: VU033010.D
 Acq: 24 Jun 2019 17:11

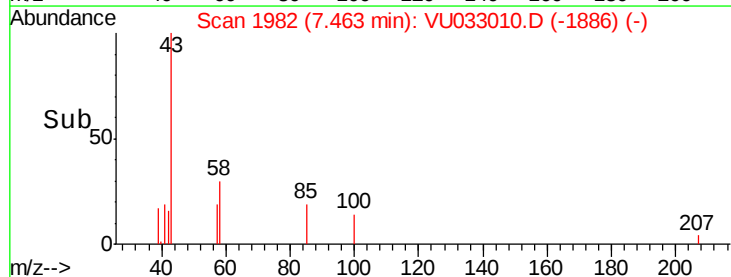
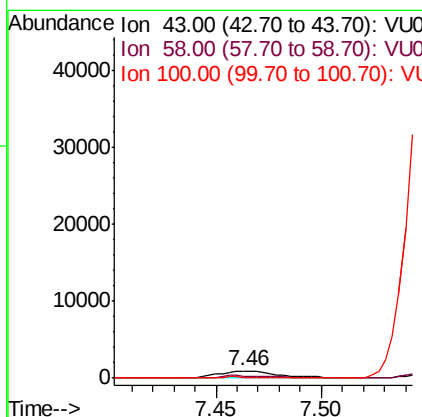
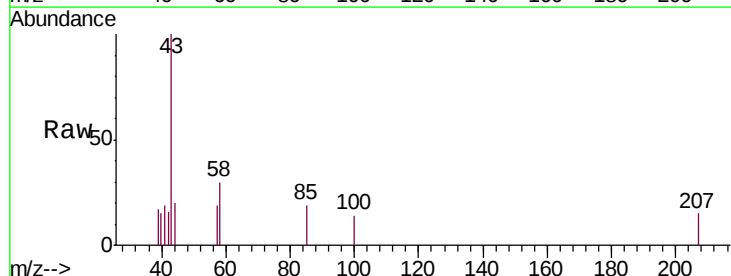
Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK40

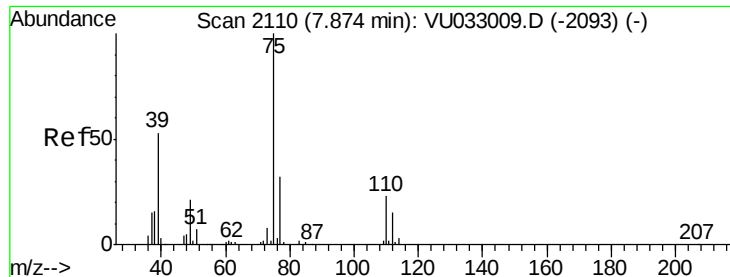
Tgt Ion: 63 Resp: 9835
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#40
 4-Methyl-2-pentanone
 Concen: 0.748 ug/L
 RT: 7.46 min Scan# 1982
 Delta R.T. 0.01 min
 Lab File: VU033010.D
 Acq: 24 Jun 2019 17:11

Tgt Ion: 43 Resp: 1807
 Ion Ratio Lower Upper
 43 100
 58 18.0 29.4 44.2#
 100 8.2 11.2 16.8#





#44

trans-1,3-Dichloropropene

Concen: 1.071 ug/L

RT: 7.85 min Scan# 2102

Delta R.T. -0.03 min

Lab File: VU033010.D

Acq: 24 Jun 2019 17:11

Instrument :

MSVOA_U

ClientSampled :

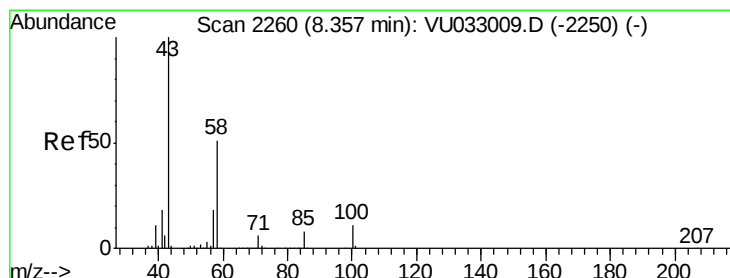
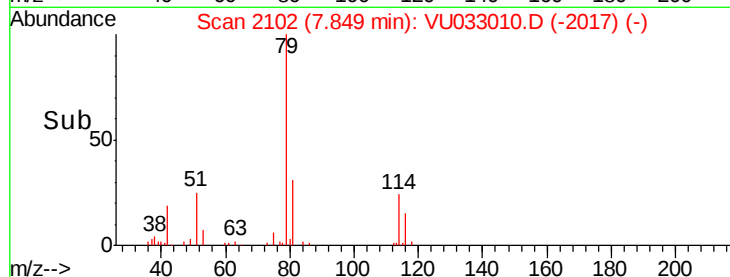
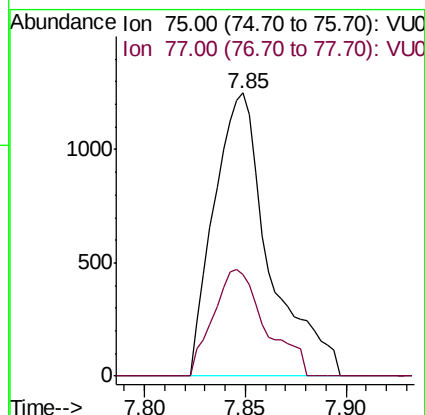
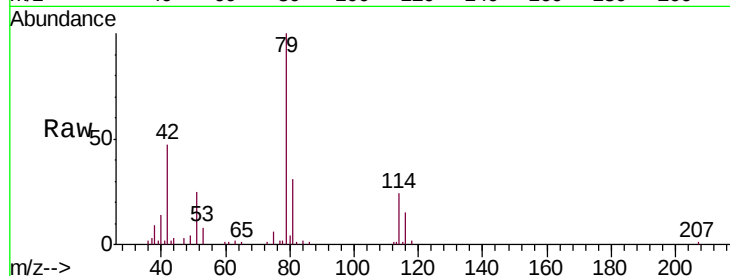
VBLK40

Tgt Ion: 75 Resp: 2370

Ion Ratio Lower Upper

75 100

77 36.1 21.8 40.4



#48

2-Hexanone

Concen: 2.584 ug/L

RT: 8.36 min Scan# 2262

Delta R.T. 0.01 min

Lab File: VU033010.D

Acq: 24 Jun 2019 17:11

Tgt Ion: 43 Resp: 5506

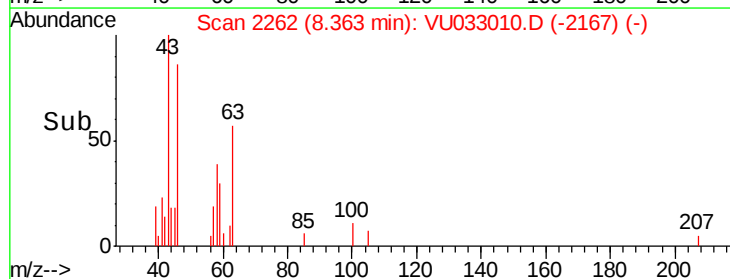
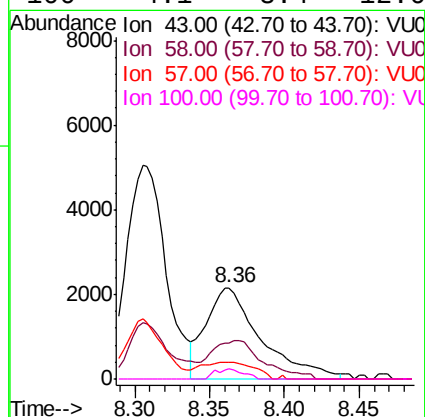
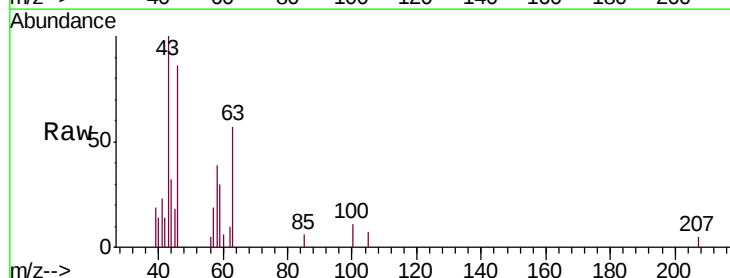
Ion Ratio Lower Upper

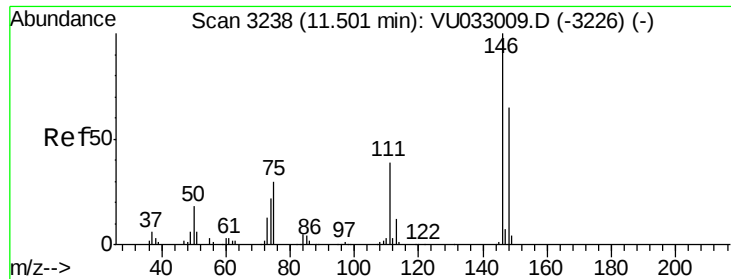
43 100

58 40.8 40.2 60.2

57 18.4 14.2 21.4

100 4.1 8.4 12.6#





#63
 1,4-Dichlorobenzene
 Concen: 0.557 ug/L
 RT: 11.50 min Scan# 3239
 Delta R.T. 0.00 min
 Lab File: VU033010.D
 Acq: 24 Jun 2019 17:11

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK40

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.1	26.9	50.1
148	75.9	44.7	83.1

