

Data File : VU032802.D
Acq On : 17 Jun 2019 22:47
Operator : JC/SP
Sample : VLEB#04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VLEB01

Quant Time: Jun 18 02:46:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 18 02:39:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	230216	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	226307	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	113631	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	71065	45.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.34%
7) Chloroethane-d5	1.68	69	59495	47.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.82%
11) 1,1-Dichloroethene-d2	2.27	63	111976	35.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.66%
21) 2-Butanone-d5	4.17	46	138818	106.01	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.01%
24) Chloroform-d	4.64	84	142956	46.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.48%
26) 1,2-Dichloroethane-d4	5.30	65	98968	48.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.16%
32) Benzene-d6	5.33	84	284120	48.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.32%
36) 1,2-Dichloropropane-d6	6.32	67	91865	48.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.76%
41) Toluene-d8	7.56	98	266858	48.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.60%
43) trans-1,3-Dichloropropene-	7.84	79	44157	45.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.34%
47) 2-Hexanone-d5	8.31	63	99892	113.84	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.84%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	136834	47.10	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.20%
64) 1,2-Dichlorobenzene-d4	11.85	152	110154	50.09	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.18%

Target Compounds

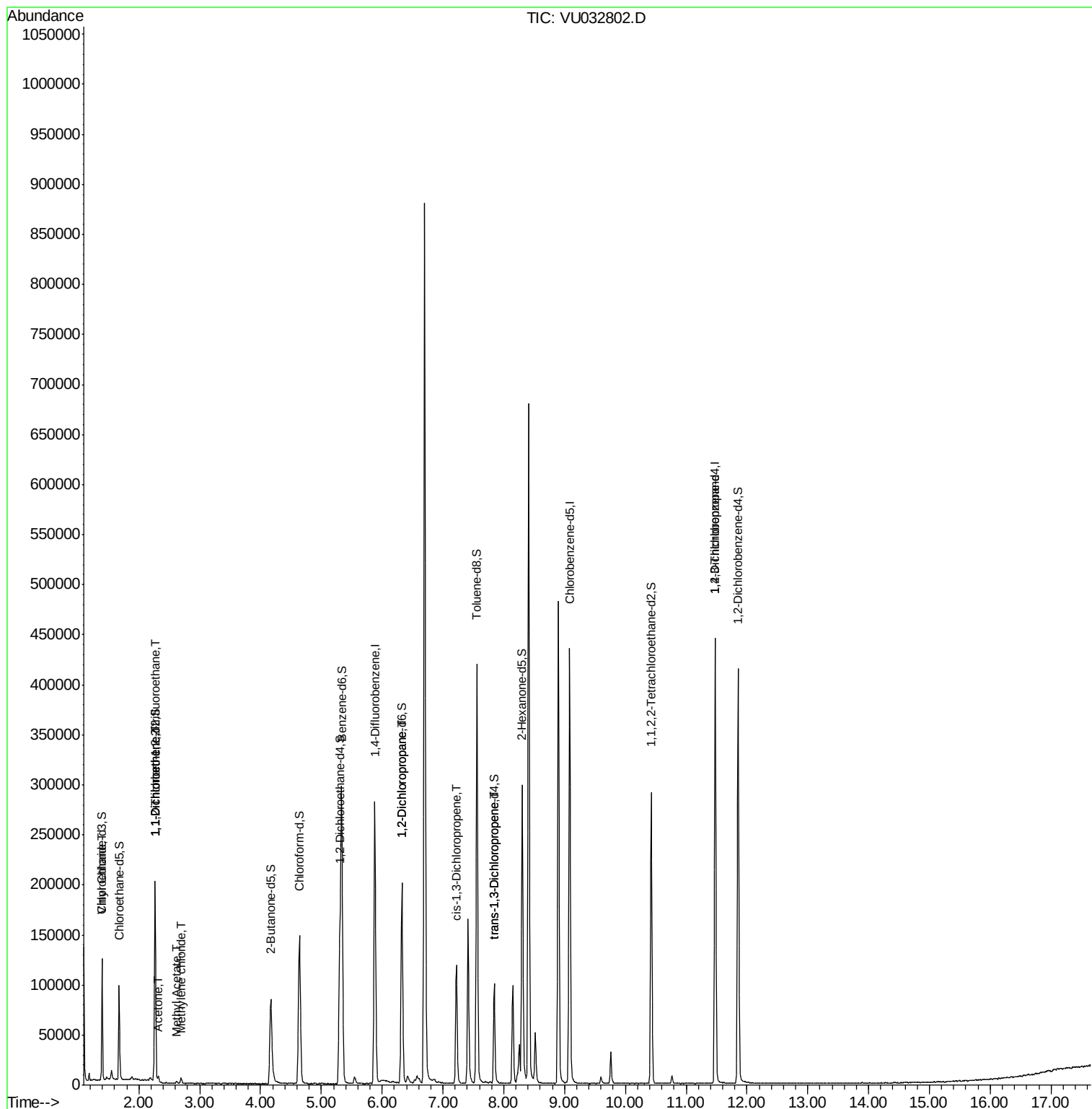
					Qvalue
8) Chloroethane	1.40	64	1048	0.871 ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1050	0.683 ug/L #	17
12) 1,1-Dichloroethene	2.26	96	830	0.573 ug/L #	1
13) Acetone	2.32	43	6064	3.353 ug/L	92
15) Methyl Acetate	2.62	43	2361	1.152 ug/L #	88
16) Methylene chloride	2.70	84	2331	1.370 ug/L	89
37) 1,2-Dichloropropane	6.32	63	10879	6.083 ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	3333	1.196 ug/L #	74
44) trans-1,3-Dichloropropene	7.85	75	2296	0.877 ug/L #	82
59) 1,2,3-Trichloropropane	11.48	75	13853	5.805 ug/L #	87

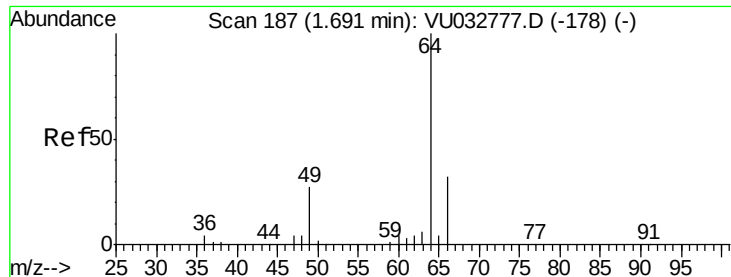
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.871 ug/L

RT: 1.40 min Scan# 95

Delta R.T. -0.30 min

Lab File: VU032802.D

Acq: 17 Jun 2019 22:47

Instrument :

MSVOA_U

ClientSampleId :

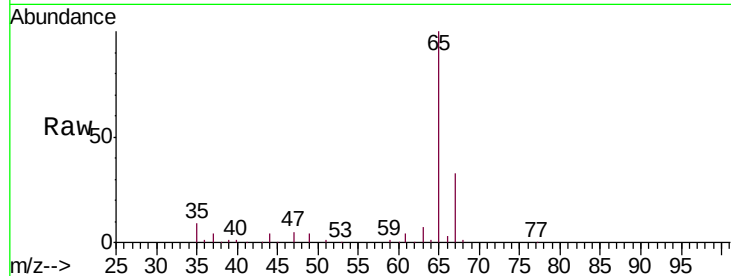
VLEB01

Tgt Ion: 64 Resp: 1048

Ion Ratio Lower Upper

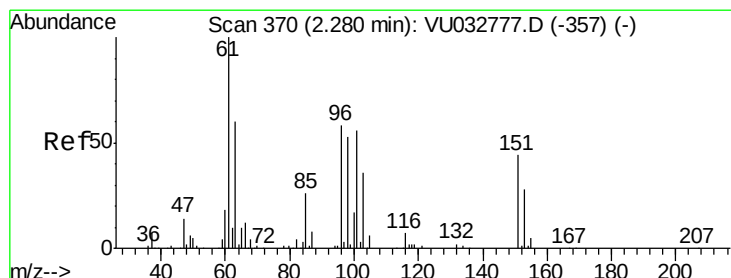
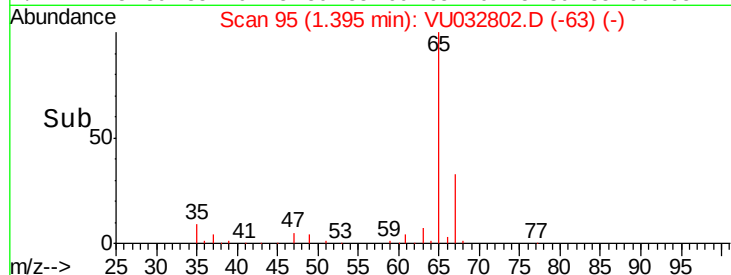
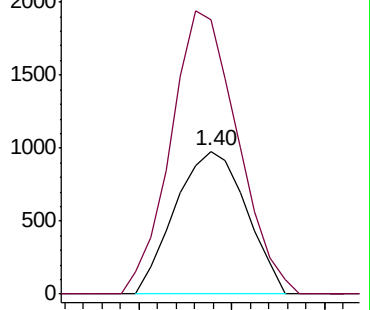
64 100

66 191.6 22.5 41.7#



Abundance Ion 64.00 (63.70 to 64.70): VU032777.D (-178) (-)

Ion 66.00 (65.70 to 66.70): VU032777.D (-178) (-)



#10

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

Concen: 0.683 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032802.D

Acq: 17 Jun 2019 22:47

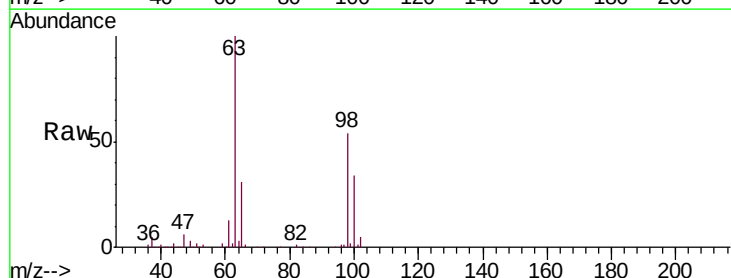
Tgt Ion: 101 Resp: 1050

Ion Ratio Lower Upper

101 100

85 0.0 36.8 55.2#

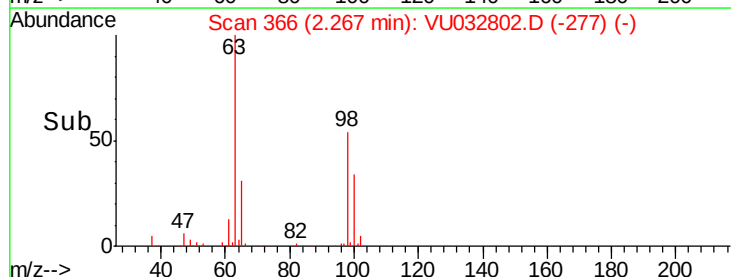
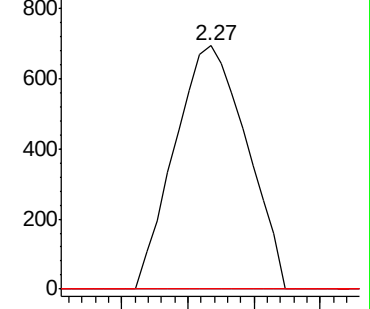
151 0.0 63.6 95.4#

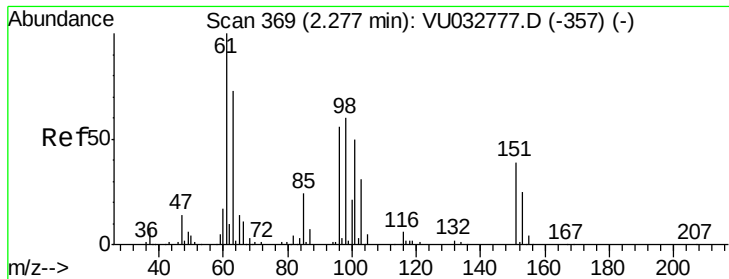


Abundance Ion 101.00 (100.70 to 101.70): VU032777.D (-357) (-)

Ion 85.00 (84.70 to 85.70): VU032777.D (-357) (-)

Ion 151.00 (150.70 to 151.70): VU032777.D (-357) (-)

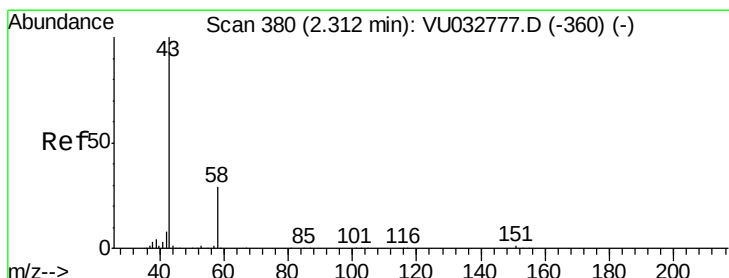
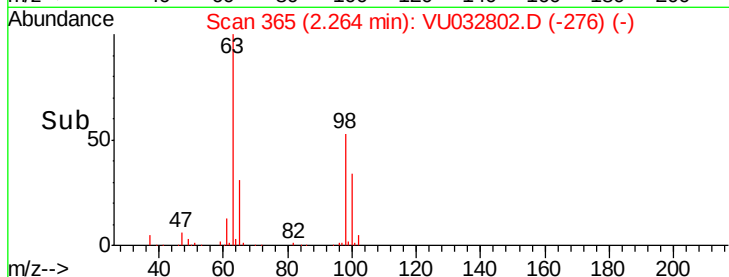
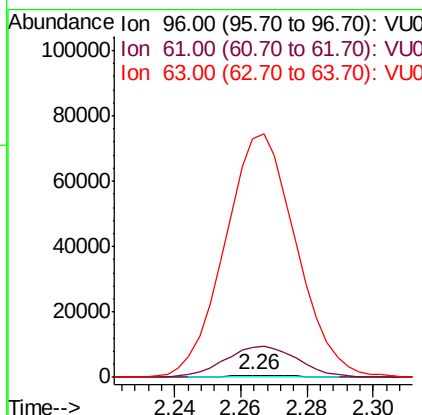
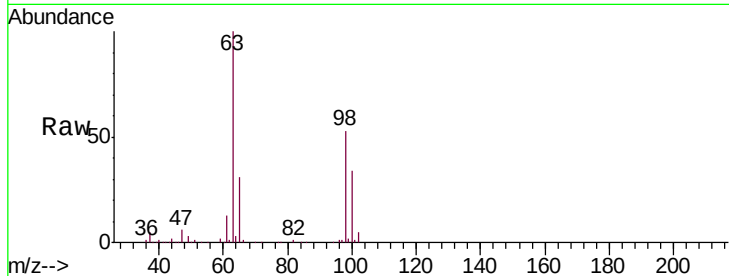




#12
 1,1-Dichloroethene
 Concen: 0.573 ug/L
 RT: 2.26 min Scan# 365
 Delta R.T. -0.01 min
 Lab File: VU032802.D
 Acq: 17 Jun 2019 22:47

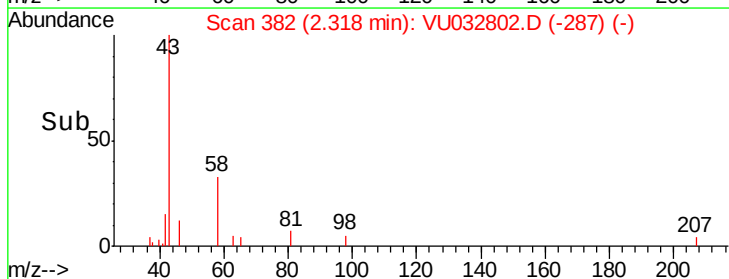
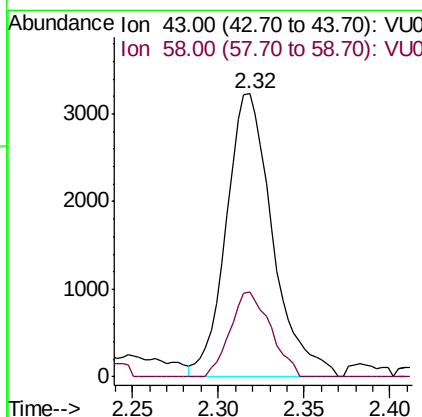
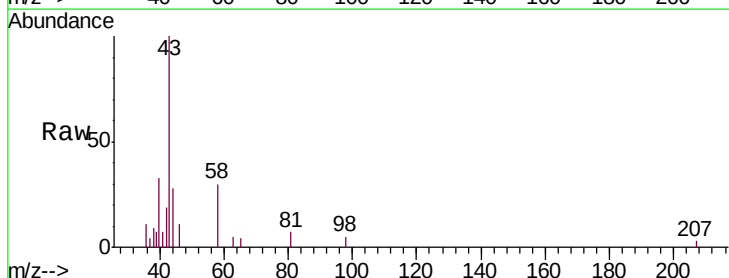
Instrument :
 MSVOA_U
 ClientSampleId :
 VLEB01

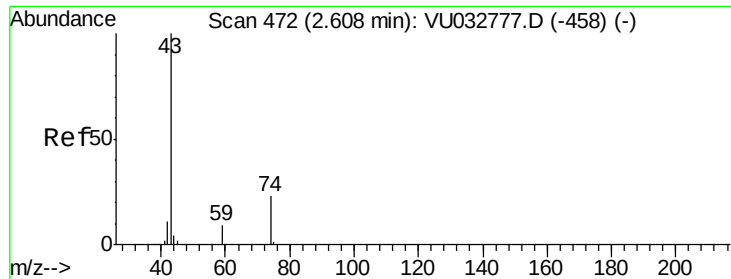
Tgt Ion: 96 Resp: 830
 Ion Ratio Lower Upper
 96 100
 61 1633.7 131.0 243.4#
 63 12890.3 101.0 187.6#



#13
 Acetone
 Concen: 3.353 ug/L
 RT: 2.32 min Scan# 382
 Delta R.T. 0.01 min
 Lab File: VU032802.D
 Acq: 17 Jun 2019 22:47

Tgt Ion: 43 Resp: 6064
 Ion Ratio Lower Upper
 43 100
 58 26.1 0.0 60.6

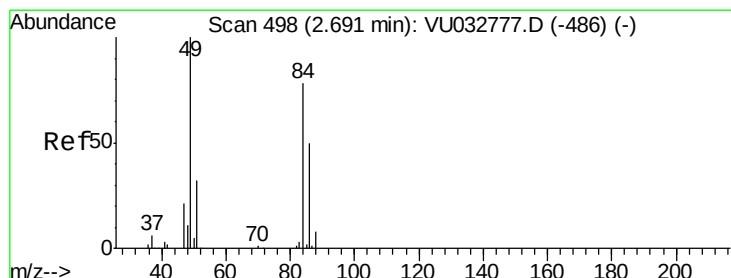
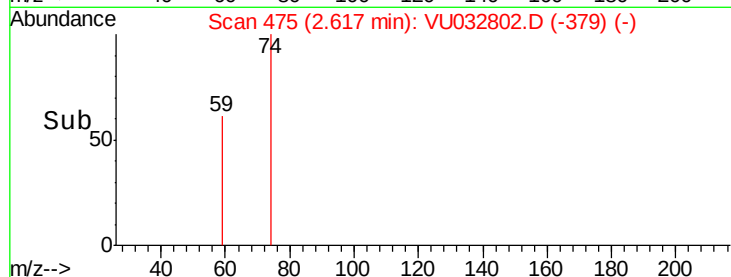
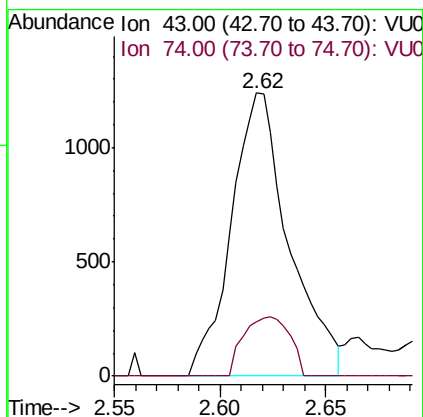
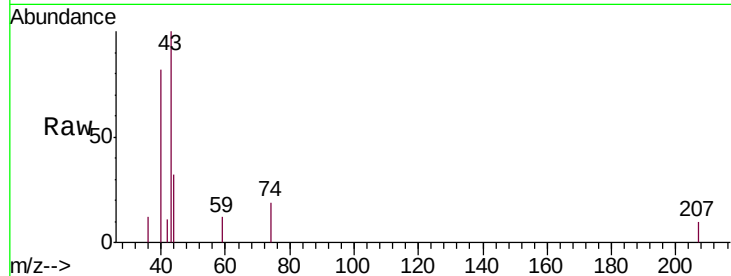




#15
Methyl Acetate
Concen: 1.152 ug/L
RT: 2.62 min Scan# 475
Delta R.T. 0.01 min
Lab File: VU032802.D
Acq: 17 Jun 2019 22:47

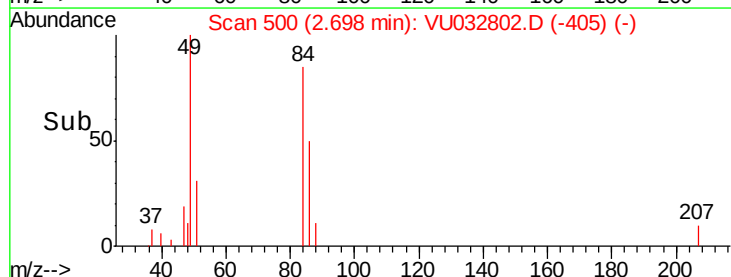
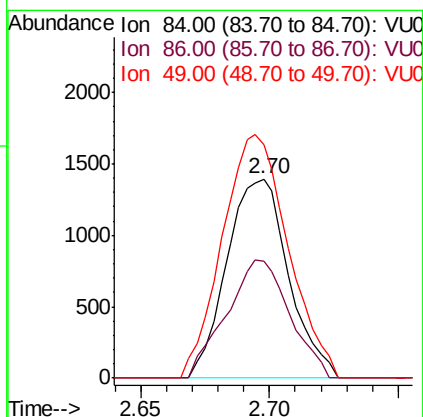
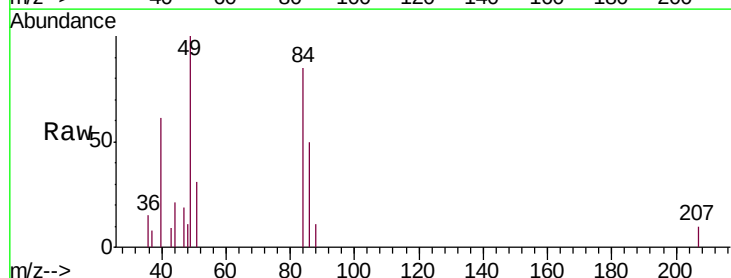
Instrument :
MSVOA_U
ClientSampleId :
VLEB01

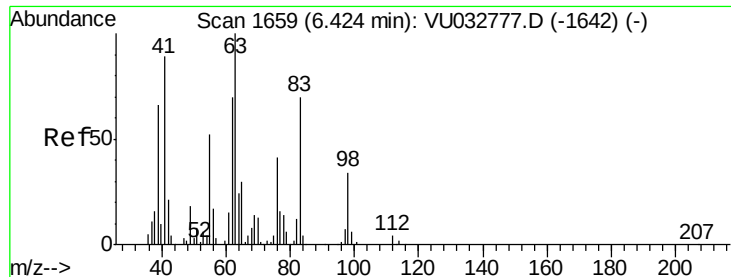
Tgt Ion: 43 Resp: 2361
Ion Ratio Lower Upper
43 100
74 16.7 18.1 27.1#



#16
Methylene chloride
Concen: 1.370 ug/L
RT: 2.70 min Scan# 500
Delta R.T. 0.01 min
Lab File: VU032802.D
Acq: 17 Jun 2019 22:47

Tgt Ion: 84 Resp: 2331
Ion Ratio Lower Upper
84 100
86 58.7 45.5 84.5
49 117.1 92.1 171.1

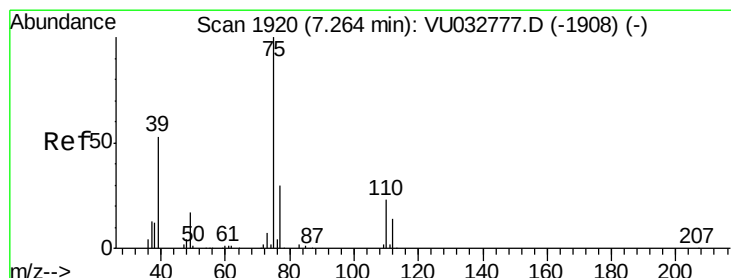
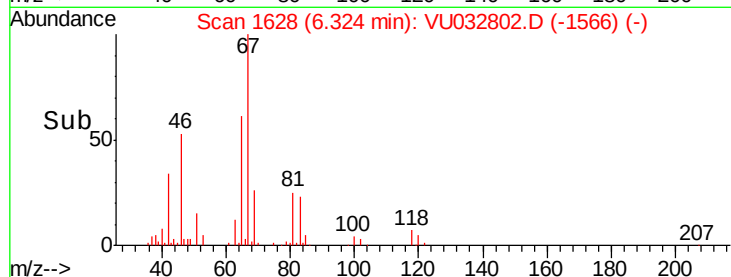
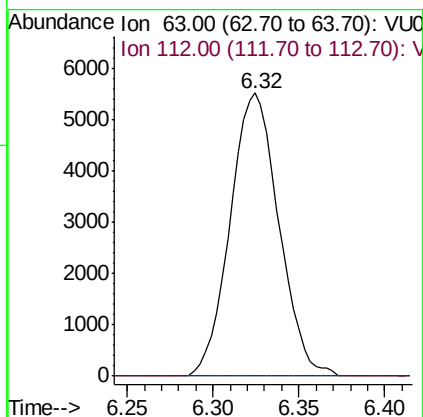
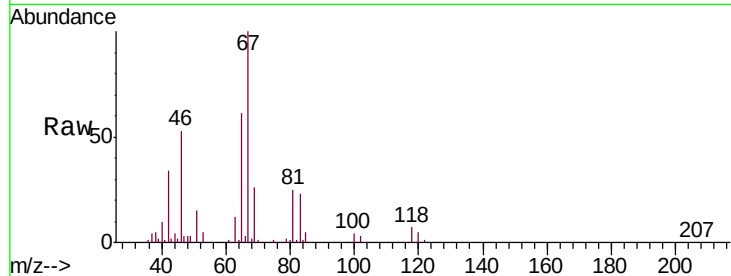




#37
 1,2-Dichloropropane
 Concen: 6.083 ug/L
 RT: 6.32 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VU032802.D
 Acq: 17 Jun 2019 22:47

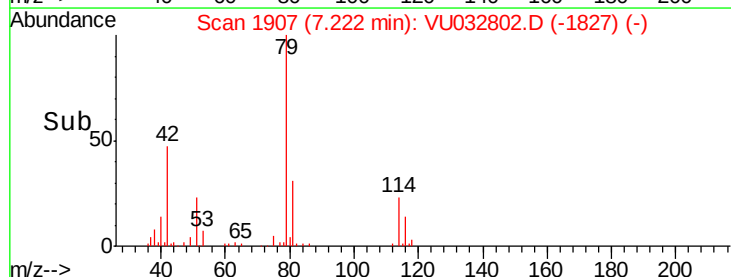
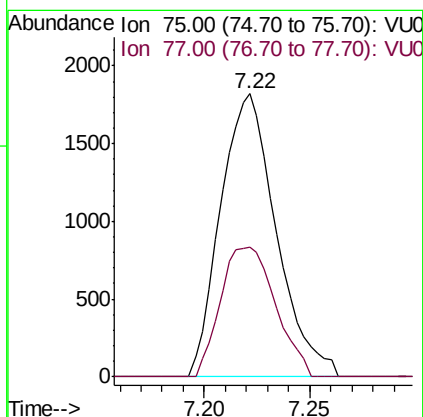
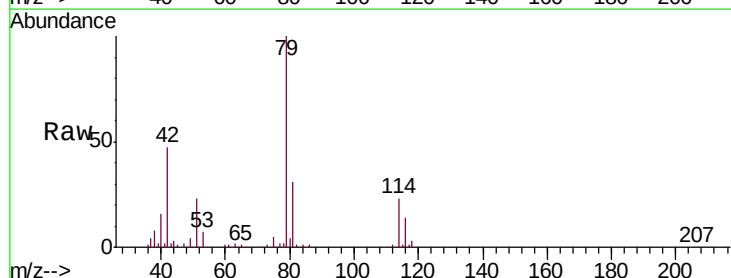
Instrument :
 MSVOA_U
 ClientSampleId :
 VLEB01

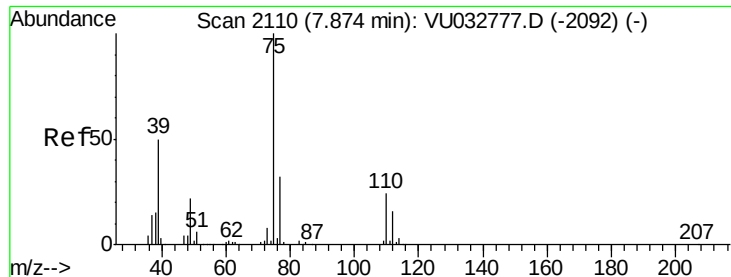
Tgt Ion: 63 Resp: 10879
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#39
 cis-1,3-Dichloropropene
 Concen: 1.196 ug/L
 RT: 7.22 min Scan# 1907
 Delta R.T. -0.04 min
 Lab File: VU032802.D
 Acq: 17 Jun 2019 22:47

Tgt Ion: 75 Resp: 3333
 Ion Ratio Lower Upper
 75 100
 77 45.9 21.9 40.7#





#44

trans-1,3-Dichloropropene

Concen: 0.877 ug/L

RT: 7.85 min Scan# 2101

Delta R.T. -0.03 min

Lab File: VU032802.D

Acq: 17 Jun 2019 22:47

Instrument :

MSVOA_U

ClientSampleId :

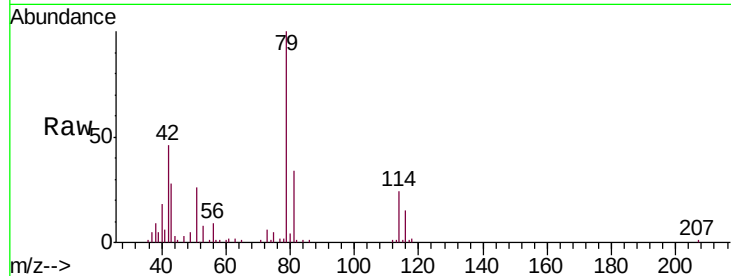
VLEB01

Tgt Ion: 75 Resp: 2296

Ion Ratio Lower Upper

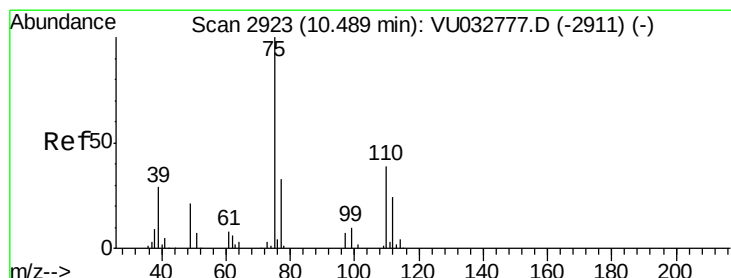
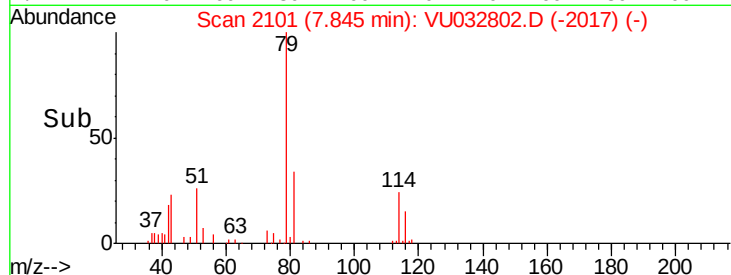
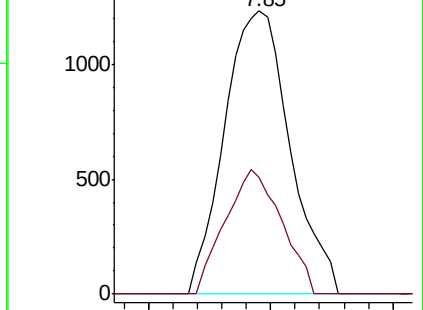
75 100

77 41.2 21.8 40.4#



Abundance Ion 75.00 (74.70 to 75.70): VU032777.D (-2092) (-)

Ion 77.00 (76.70 to 77.70): VU032777.D (-2092) (-)



#59

1,2,3-Trichloropropane

Concen: 5.805 ug/L

RT: 11.48 min Scan# 3230

Delta R.T. 0.99 min

Lab File: VU032802.D

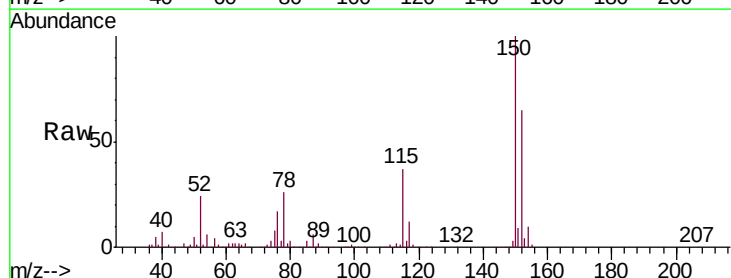
Acq: 17 Jun 2019 22:47

Tgt Ion: 75 Resp: 13853

Ion Ratio Lower Upper

75 100

77 38.9 25.5 38.3#



Abundance Ion 75.00 (74.70 to 75.70): VU032777.D (-2911) (-)

Ion 77.00 (76.70 to 77.70): VU032777.D (-2911) (-)

