

Data File : VU026894.D
Acq On : 19 Sep 2018 12:37
Operator : MD/SY
Sample : J4665-20RE
Misc : 4.59g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB3P8ME

Quant Time: Sep 20 02:32:10 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 20 02:30:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	239263	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.10	117	233307	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	132025	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	54172	30.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	61.22%
7) Chloroethane-d5	1.64	69	32422	21.40	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	42.80%#
11) 1,1-Dichloroethene-d2	2.23	63	81539	24.35	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	48.70%#
21) 2-Butanone-d5	4.19	46	120837	102.88	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.88%
24) Chloroform-d	4.64	84	133620	40.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.40%
26) 1,2-Dichloroethane-d4	5.30	65	87359	42.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.52%
32) Benzene-d6	5.33	84	252865	38.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.34%
36) 1,2-Dichloropropane-d6	6.33	67	89175	42.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.66%
41) Toluene-d8	7.57	98	207143	35.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	70.14%#
43) trans-1,3-Dichloropropene-	7.85	79	37622	40.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.00%
47) 2-Hexanone-d5	8.33	63	90711	109.56	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.56%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	149024	50.73	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.46%
64) 1,2-Dichlorobenzene-d4	11.86	152	115472	42.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.08%

Target Compounds

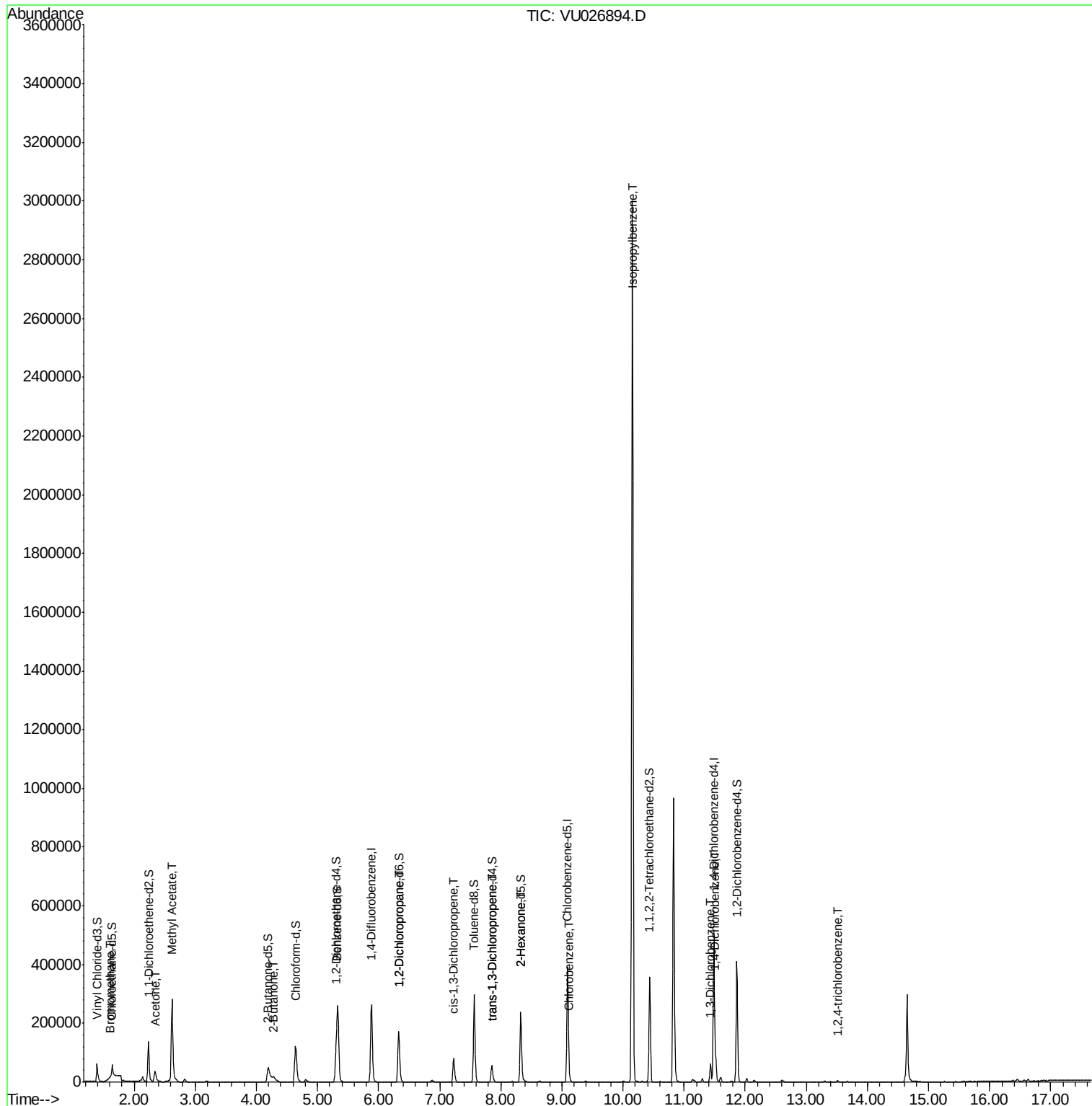
					Qvalue
6) Bromomethane	1.60	94	755	0.681 ug/L	94
13) Acetone	2.34	43	55984	48.494 ug/L	100
15) Methyl Acetate	2.62	43	373697	186.830 ug/L	99
22) 2-Butanone	4.28	43	22099	15.523 ug/L	98
37) 1,2-Dichloropropane	6.33	63	9693	4.878 ug/L #	86
39) cis-1,3-Dichloropropene	7.23	75	2156	0.768 ug/L #	60
44) trans-1,3-Dichloropropene	7.85	75	1774	0.675 ug/L	98
48) 2-Hexanone	8.33	43	11000	5.776 ug/L #	67
51) Chlorobenzene	9.12	112	7828	1.576 ug/L	96
56) Isopropylbenzene	10.15	105	125880	17.158 ug/L #	1
62) 1,3-Dichlorobenzene	11.42	146	2609	0.648 ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	2678	0.604 ug/L	90
68) 1,2,4-trichlorobenzene	13.51	180	2204	0.821 ug/L #	92

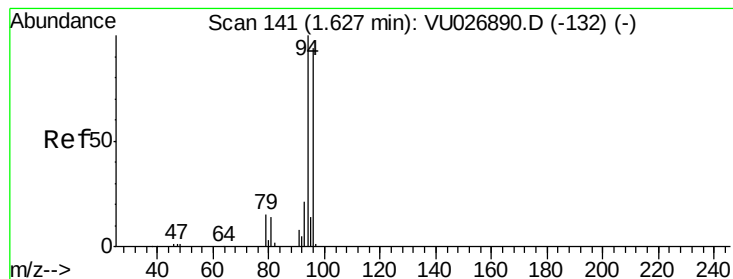
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Bromomethane

Concen: 0.681 ug/L

RT: 1.60 min Scan# 132

Delta R.T. -0.03 min

Lab File: VU026894.D

Acq: 19 Sep 2018 12:37

Instrument :

MSVOA_U

ClientSampleId :

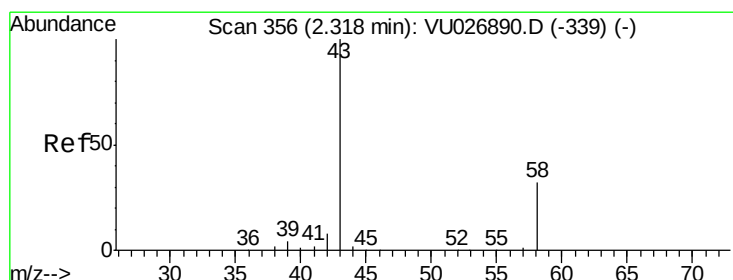
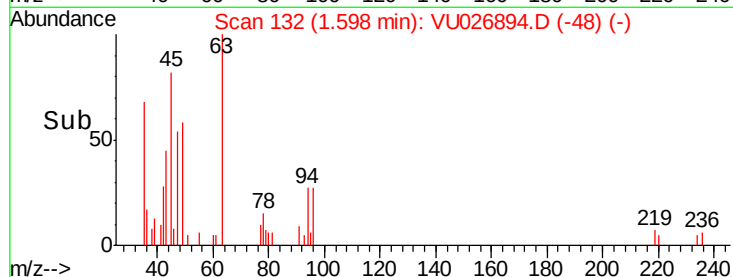
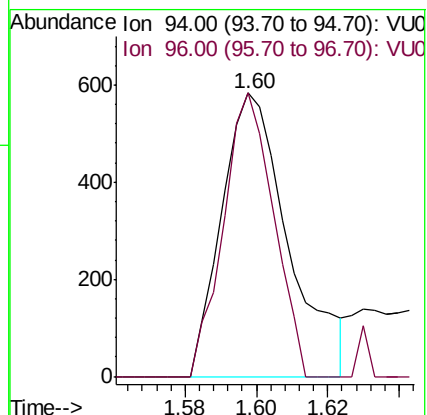
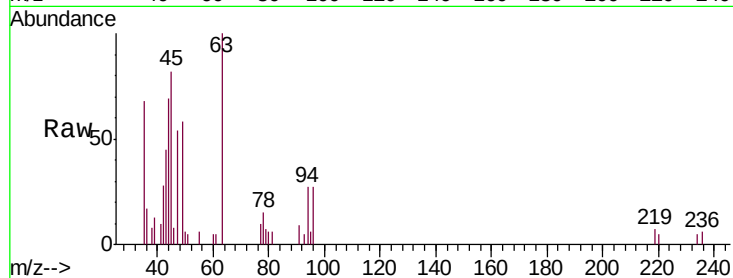
DB3P8ME

Tgt Ion: 94 Resp: 755

Ion Ratio Lower Upper

94 100

96 100.0 66.0 122.6



#13

Acetone

Concen: 48.494 ug/L

RT: 2.34 min Scan# 364

Delta R.T. 0.03 min

Lab File: VU026894.D

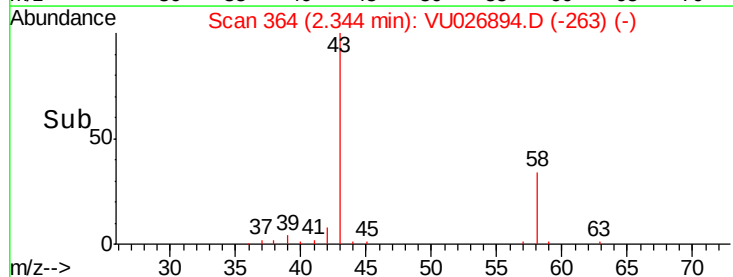
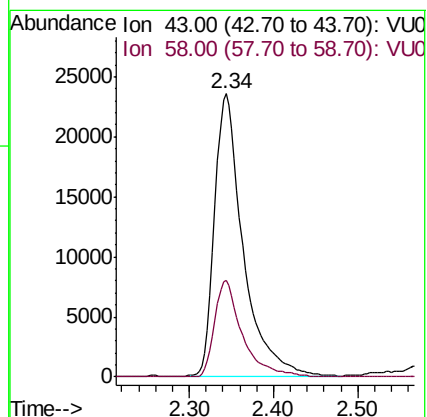
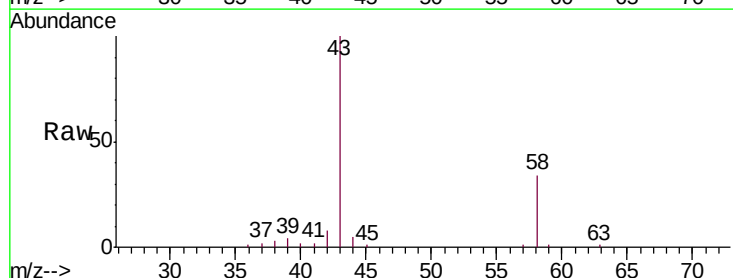
Acq: 19 Sep 2018 12:37

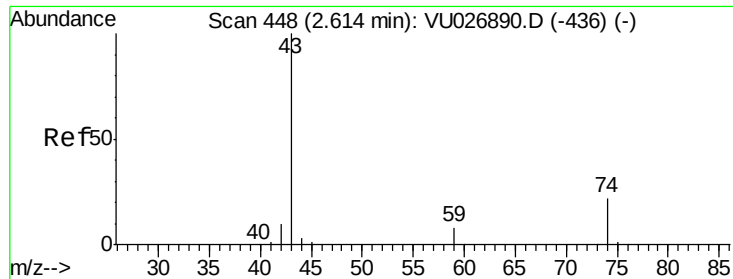
Tgt Ion: 43 Resp: 55984

Ion Ratio Lower Upper

43 100

58 32.6 0.0 64.6

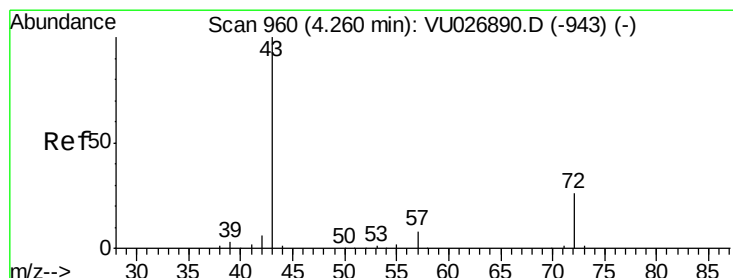
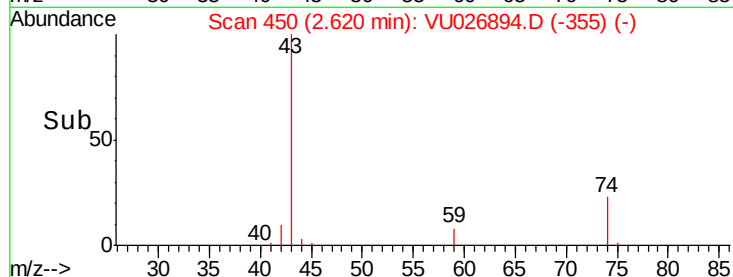
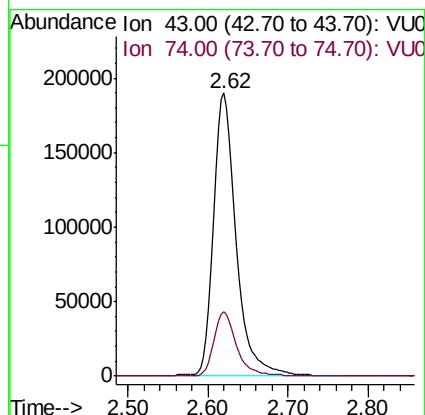
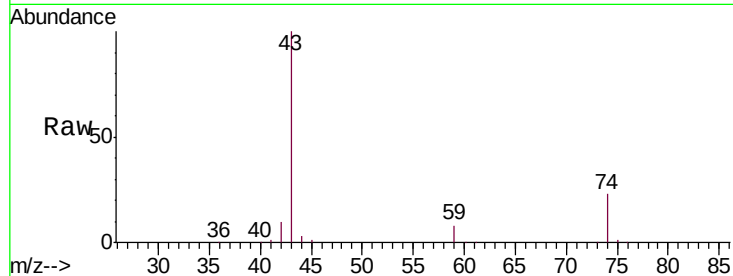




#15
Methyl Acetate
Concen: 186.830 ug/L
RT: 2.62 min Scan# 450
Delta R.T. 0.01 min
Lab File: VU026894.D
Acq: 19 Sep 2018 12:37

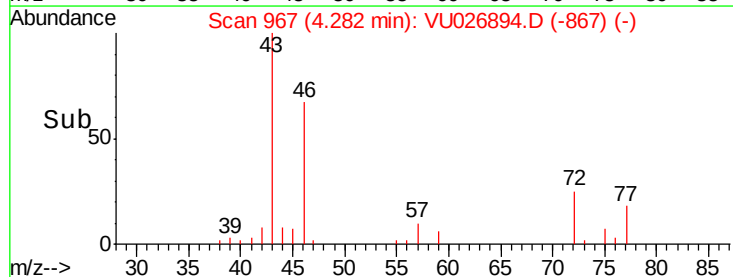
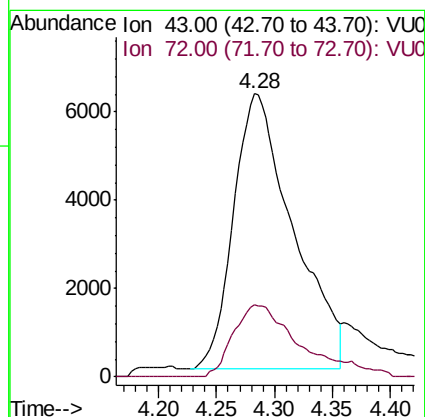
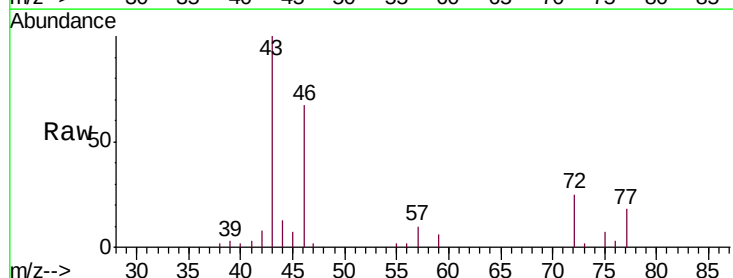
Instrument :
MSVOA_U
ClientSampleId :
DB3P8ME

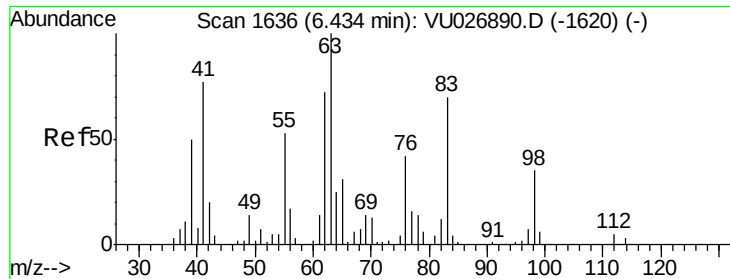
Tgt Ion: 43 Resp: 373697
Ion Ratio Lower Upper
43 100
74 22.9 18.7 28.1



#22
2-Butanone
Concen: 15.523 ug/L
RT: 4.28 min Scan# 967
Delta R.T. 0.02 min
Lab File: VU026894.D
Acq: 19 Sep 2018 12:37

Tgt Ion: 43 Resp: 22099
Ion Ratio Lower Upper
43 100
72 27.6 13.3 39.9

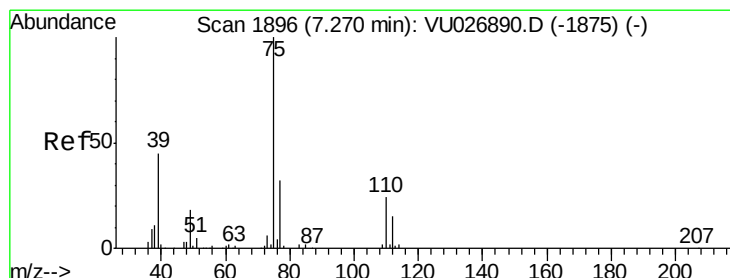
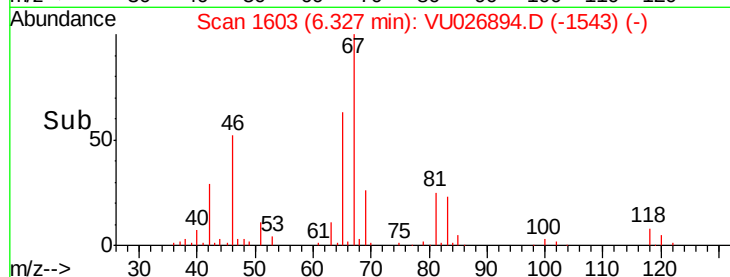
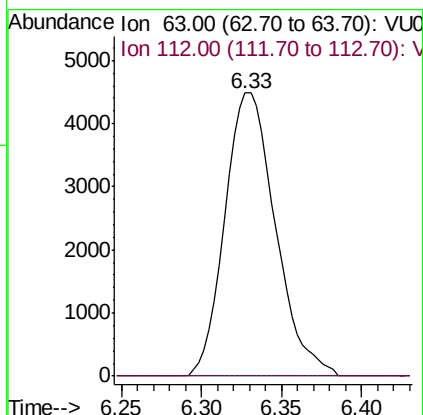
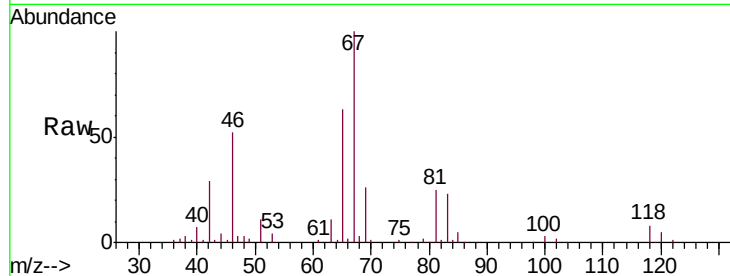




#37
 1,2-Dichloropropane
 Concen: 4.878 ug/L
 RT: 6.33 min Scan# 1603
 Delta R.T. -0.11 min
 Lab File: VU026894.D
 Acq: 19 Sep 2018 12:37

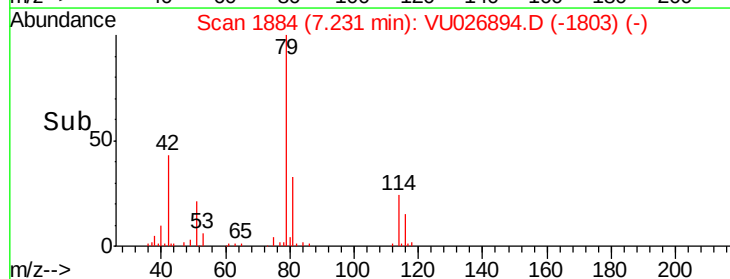
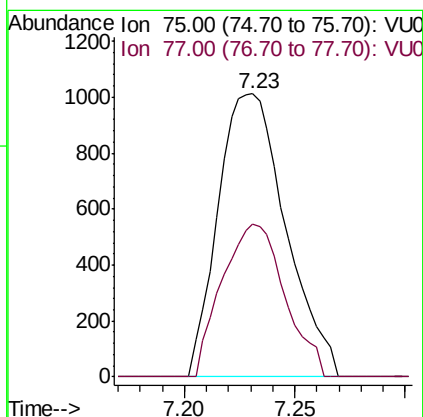
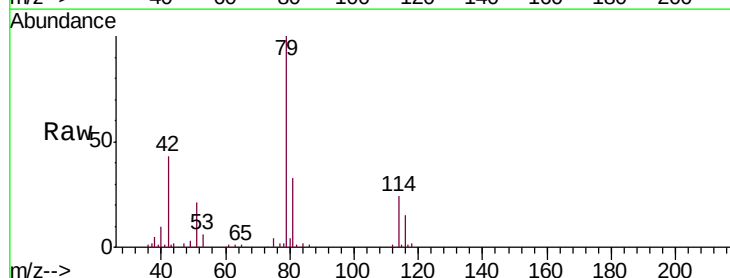
Instrument :
 MSVOA_U
 ClientSampleId :
 DB3P8ME

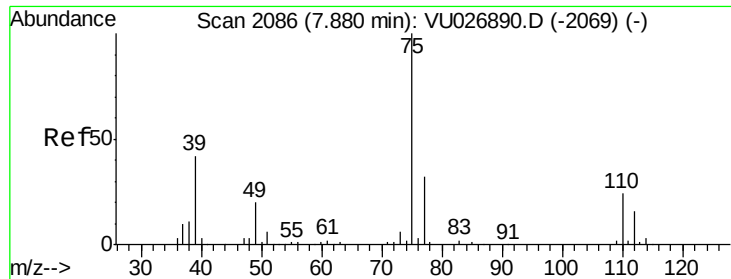
Tgt Ion: 63 Resp: 9693
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#39
 cis-1,3-Dichloropropene
 Concen: 0.768 ug/L
 RT: 7.23 min Scan# 1884
 Delta R.T. -0.04 min
 Lab File: VU026894.D
 Acq: 19 Sep 2018 12:37

Tgt Ion: 75 Resp: 2156
 Ion Ratio Lower Upper
 75 100
 77 53.9 22.1 41.1#

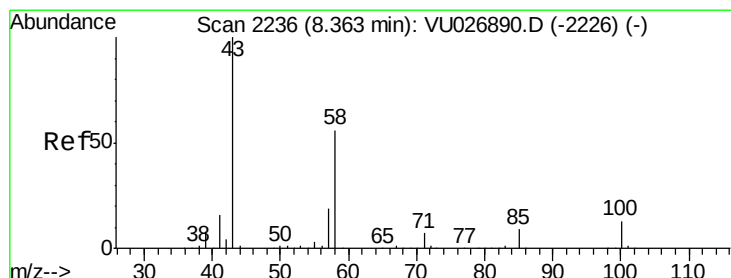
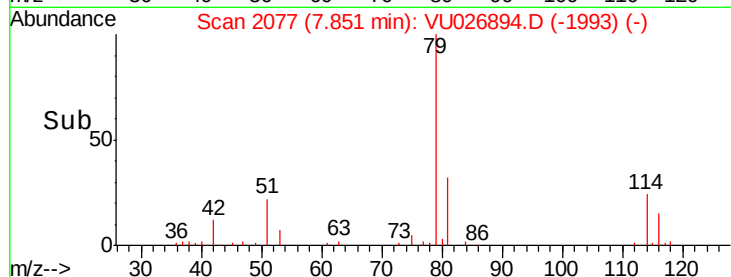
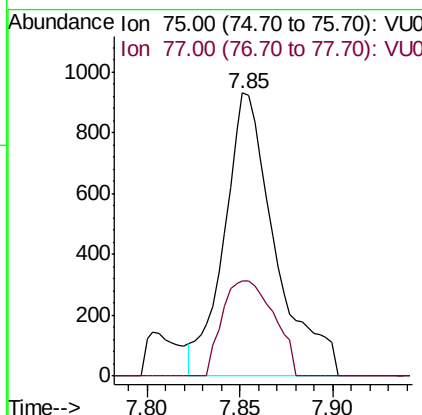
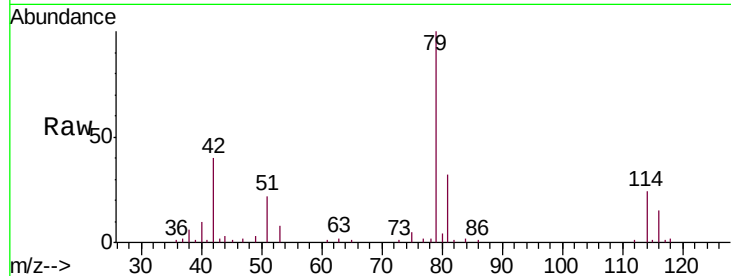




#44
trans-1,3-Dichloropropene
Concen: 0.675 ug/L
RT: 7.85 min Scan# 2077
Delta R.T. -0.03 min
Lab File: VU026894.D
Acq: 19 Sep 2018 12:37

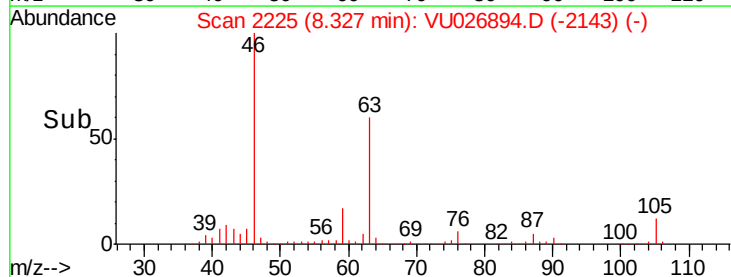
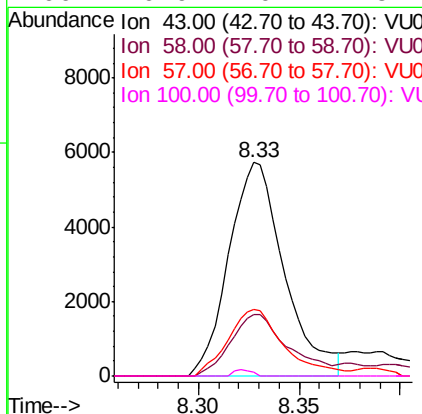
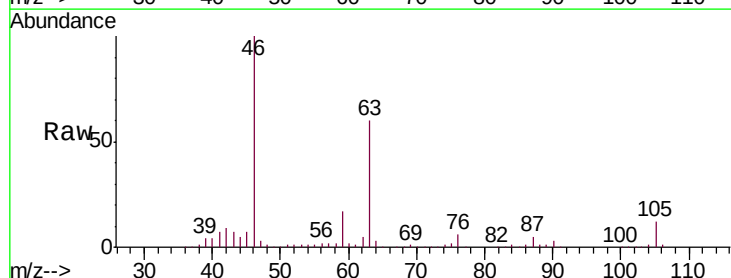
Instrument :
MSVOA_U
ClientSampleId :
DB3P8ME

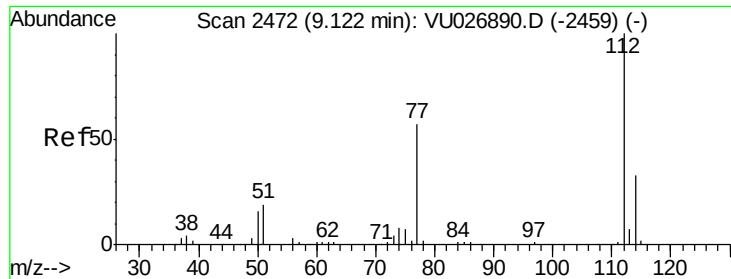
Tgt Ion: 75 Resp: 1774
Ion Ratio Lower Upper
75 100
77 33.7 22.8 42.4



#48
2-Hexanone
Concen: 5.776 ug/L
RT: 8.33 min Scan# 2225
Delta R.T. -0.04 min
Lab File: VU026894.D
Acq: 19 Sep 2018 12:37

Tgt Ion: 43 Resp: 11000
Ion Ratio Lower Upper
43 100
58 29.9 44.9 67.3#
57 31.3 15.4 23.2#
100 0.9 10.2 15.4#





#51

Chlorobenzene

Concen: 1.576 ug/L

RT: 9.12 min Scan# 2473

Delta R.T. 0.00 min

Lab File: VU026894.D

Acq: 19 Sep 2018 12:37

Instrument :

MSVOA_U

ClientSampleId :

DB3P8ME

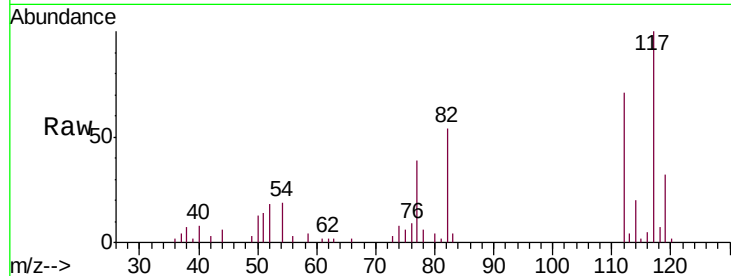
Tgt Ion:112 Resp: 7828

Ion Ratio Lower Upper

112 100

114 28.1 22.3 41.5

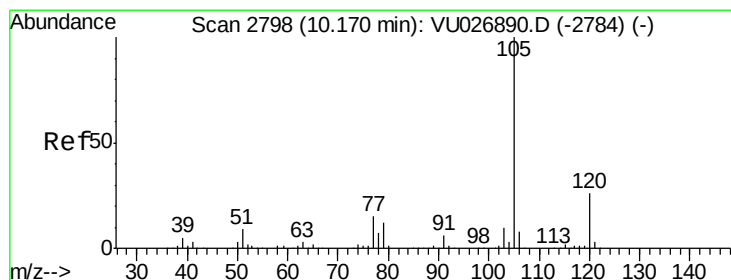
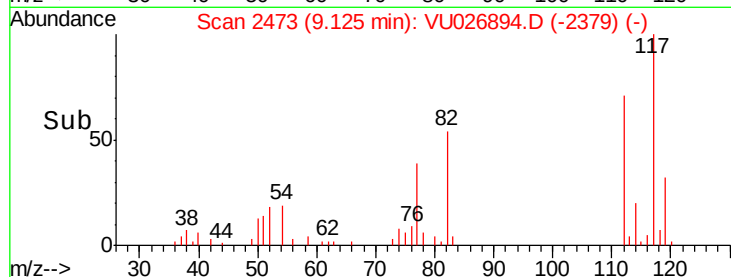
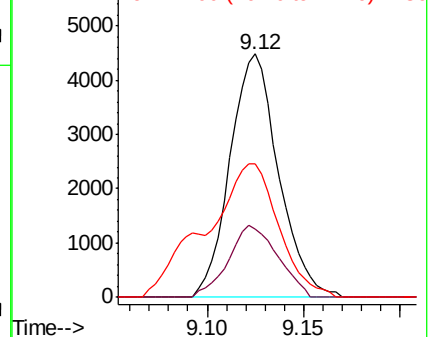
77 54.8 45.1 67.7



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): VU0



#56

Isopropylbenzene

Concen: 17.158 ug/L

RT: 10.15 min Scan# 2793

Delta R.T. -0.02 min

Lab File: VU026894.D

Acq: 19 Sep 2018 12:37

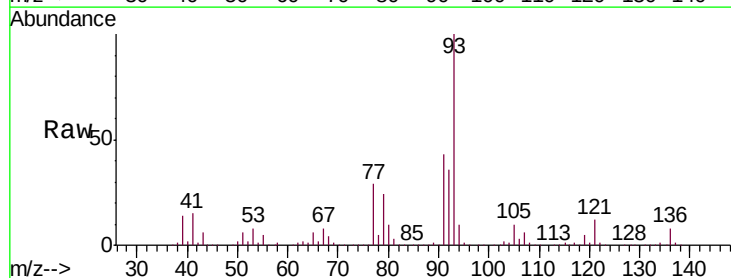
Tgt Ion:105 Resp: 125880

Ion Ratio Lower Upper

105 100

120 7.6 21.4 32.2#

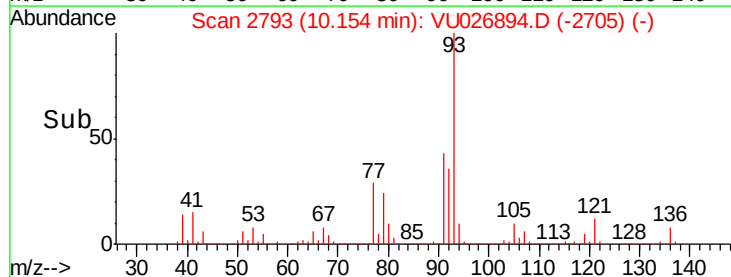
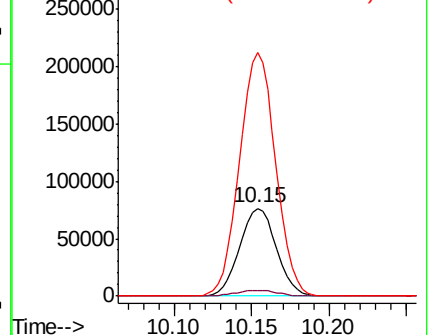
77 273.0 12.2 18.4#

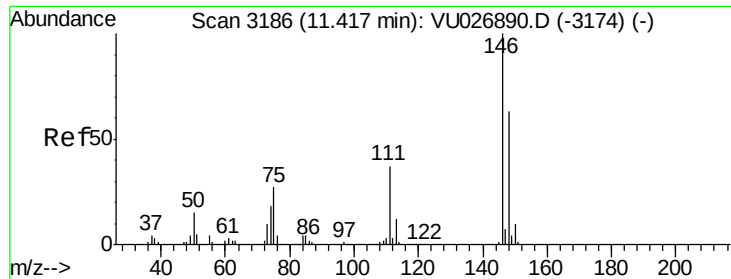


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): VU0

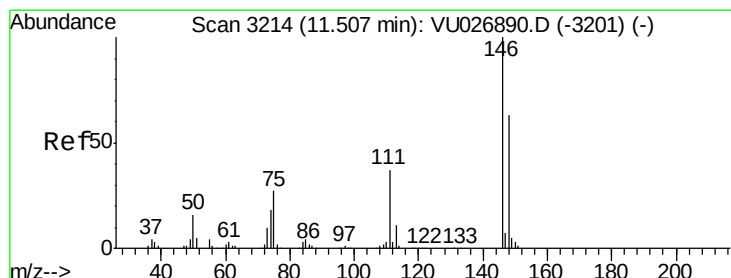
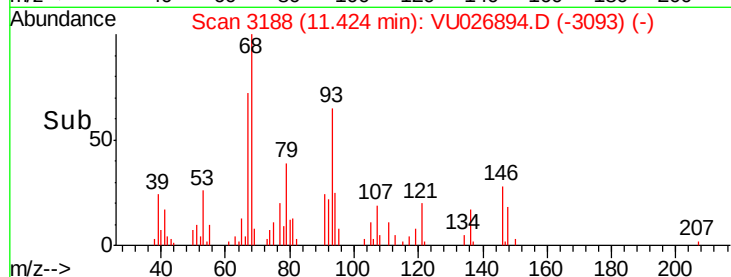
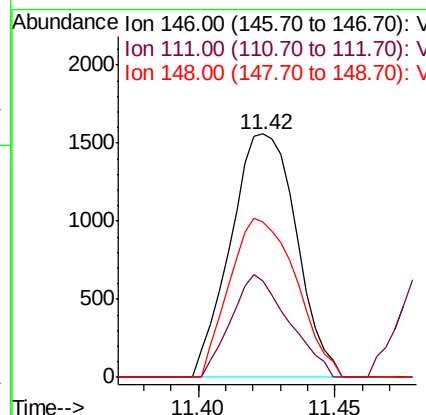
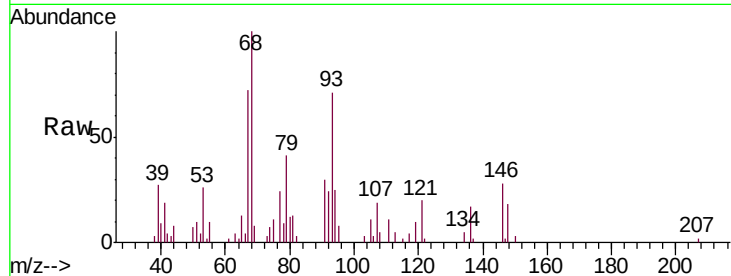




#62
 1,3-Dichlorobenzene
 Concen: 0.648 ug/L
 RT: 11.42 min Scan# 3188
 Delta R.T. 0.01 min
 Lab File: VU026894.D
 Acq: 19 Sep 2018 12:37

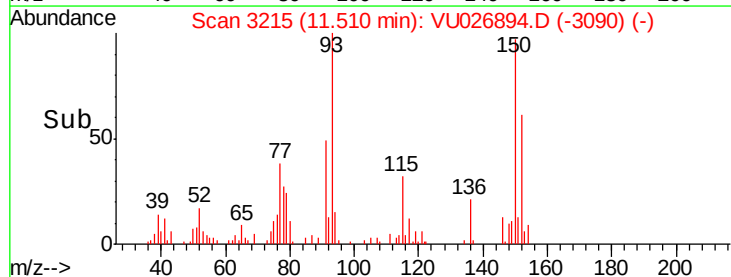
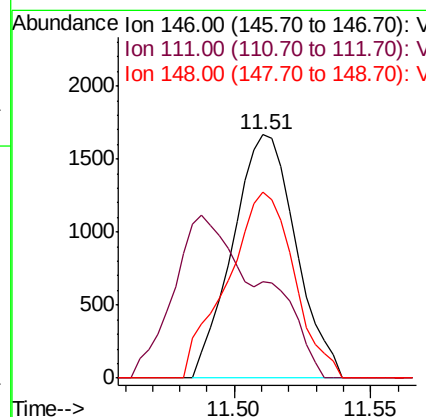
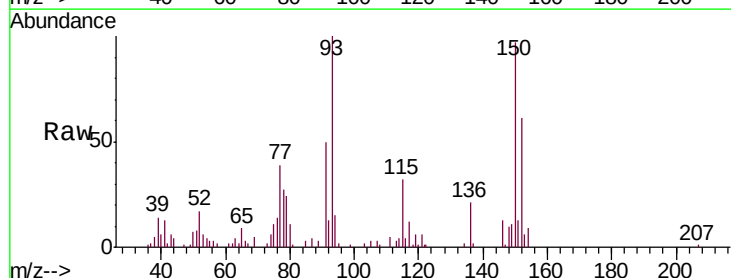
Instrument :
 MSVOA_U
 ClientSampleId :
 DB3P8ME

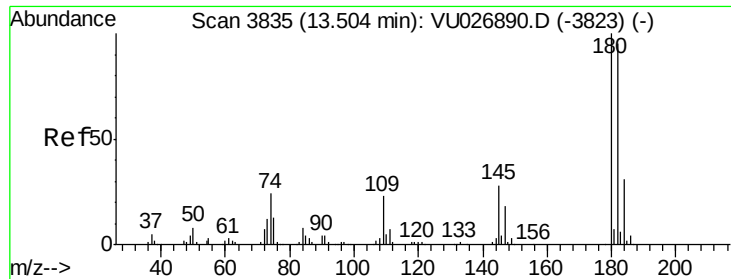
Tgt Ion:146 Resp: 2609
 Ion Ratio Lower Upper
 146 100
 111 39.7 26.7 49.7
 148 63.8 44.9 83.5



#63
 1,4-Dichlorobenzene
 Concen: 0.604 ug/L
 RT: 11.51 min Scan# 3215
 Delta R.T. 0.00 min
 Lab File: VU026894.D
 Acq: 19 Sep 2018 12:37

Tgt Ion:146 Resp: 2678
 Ion Ratio Lower Upper
 146 100
 111 39.4 26.0 48.2
 148 76.2 45.8 85.2

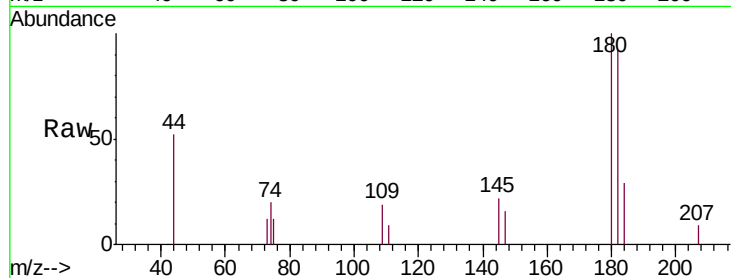




#68
 1,2,4-trichlorobenzene
 Concen: 0.821 ug/L
 RT: 13.51 min Scan# 3837
 Delta R.T. 0.01 min
 Lab File: VU026894.D
 Acq: 19 Sep 2018 12:37

Instrument :
 MSVOA_U
 ClientSampleId :
 DB3P8ME

Tgt Ion:180 Resp: 2204
 Ion Ratio Lower Upper
 180 100
 182 88.7 76.8 115.2
 145 22.1 22.2 33.2#



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

