

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV010419\
 Data File : VV009173.D
 Acq On : 04 Jan 2019 21:50
 Operator : SY/MD
 Sample : K1051-03
 Misc : 6.42 G/10ML/MSVOA_V/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BE9X1

Quant Time: Jan 05 05:04:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM010419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jan 05 05:00:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	181921	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	164855	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	82784	25.00	ug/L	0.00

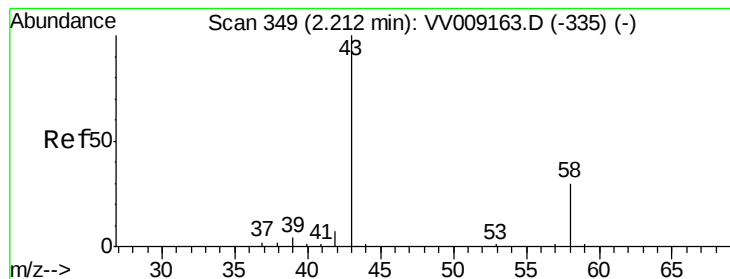
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	24893	20.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.04%
7) Chloroethane-d5	1.58	69	24394	20.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.84%
10) 1,1-Dichloroethene-d2	2.13	63	63349	15.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.92%
20) 2-Butanone-d5	3.96	46	34871	39.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.68%
24) Chloroform-d	4.40	84	88618	23.14	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.56%
26) 1,2-Dichloroethane-d4	5.08	65	52212	25.48	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.92%
29) Benzene-d6	5.10	84	174205	23.72	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.88%
33) 1,2-Dichloropropane-d6	6.12	67	54353	25.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.24%
37) Toluene-d8	7.36	98	155176	22.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.60%
38) trans-1,3-Dichloropropene-	7.67	79	23315	23.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.32%
39) 2-Hexanone-d5	8.14	63	23761	47.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.62%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	59215	25.58	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.32%
61) 1,2-Dichlorobenzene-d4	11.68	152	68133	24.35	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.40%

Target Compounds

					Qvalue
13) Acetone	2.22	43	7399	5.964 ug/L	94
15) Methyl Acetate	2.48	43	787	0.513 ug/L #	51
16) Methylene chloride	2.54	84	43522	16.013 ug/L	95
35) Trichloroethene	5.96	95	5259	2.060 ug/L #	61
36) Methylcyclohexane	6.12	83	13343	3.128 ug/L #	19
40) 1,2-Dichloropropane	6.12	63	6317	2.957 ug/L #	85
42) cis-1,3-Dichloropropene	7.03	75	1748	0.516 ug/L	99
44) Toluene	7.44	91	6158	0.644 ug/L	83

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



#13

Acetone

Concen: 5.964 ug/L

RT: 2.22 min Scan# 351

Delta R.T. 0.01 min

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Instrument :

MSVOA_V

ClientSampled :

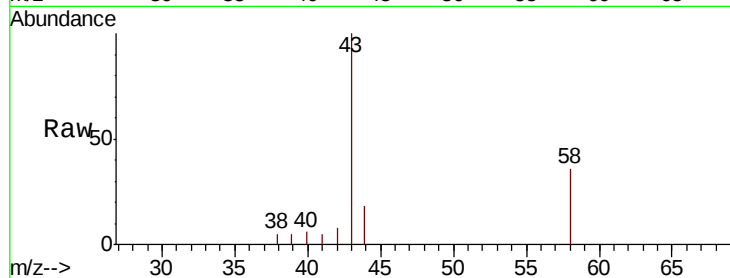
BE9X1

Tgt Ion: 43 Resp: 7399

Ion Ratio Lower Upper

43 100

58 30.1 0.0 67.0



Abundance Ion 43.00 (42.70 to 43.70): VV009173.D (-351) (-)

Ion 58.00 (57.70 to 58.70): VV009173.D (-351) (-)

2.22

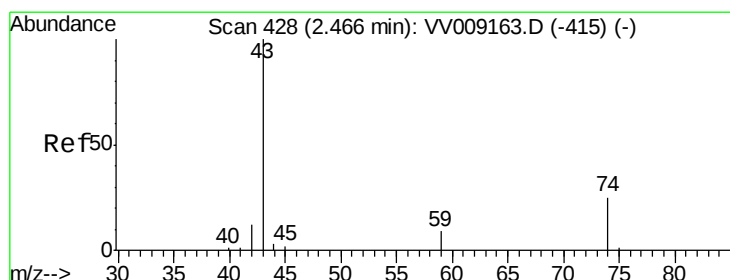
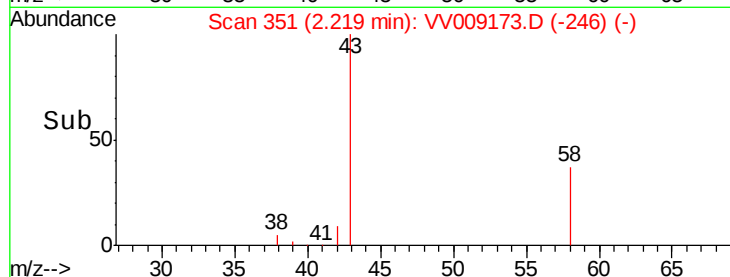
3000

2000

1000

0

Time-->



#15

Methyl Acetate

Concen: 0.513 ug/L

RT: 2.48 min Scan# 433

Delta R.T. 0.02 min

Lab File: VV009173.D

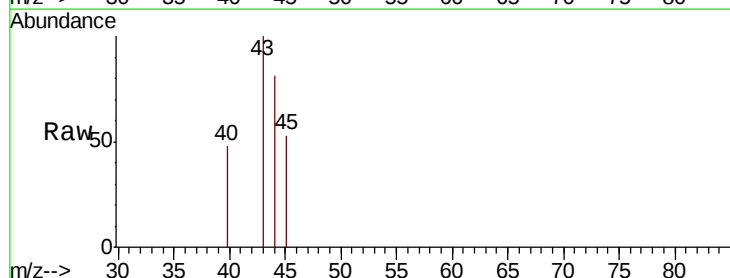
Acq: 04 Jan 2019 21:50

Tgt Ion: 43 Resp: 787

Ion Ratio Lower Upper

43 100

74 0.0 19.4 29.0#



Abundance Ion 43.00 (42.70 to 43.70): VV009173.D (-433) (-)

Ion 74.00 (73.70 to 74.70): VV009173.D (-433) (-)

2.48

400

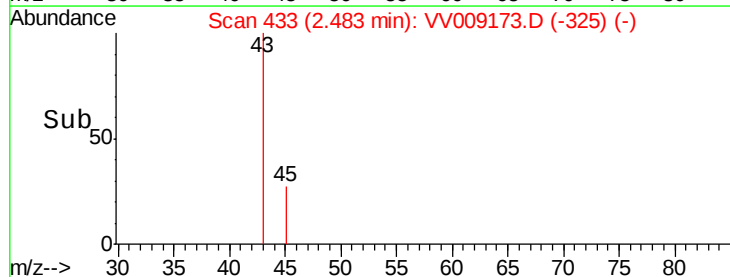
300

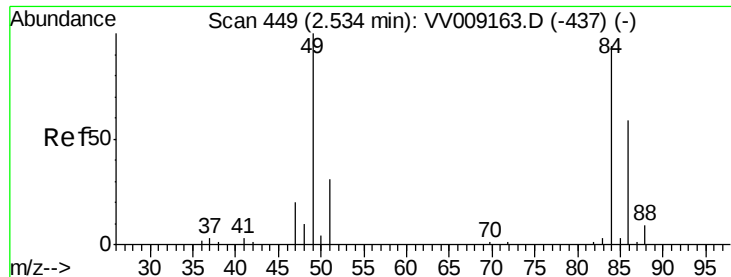
200

100

0

Time-->

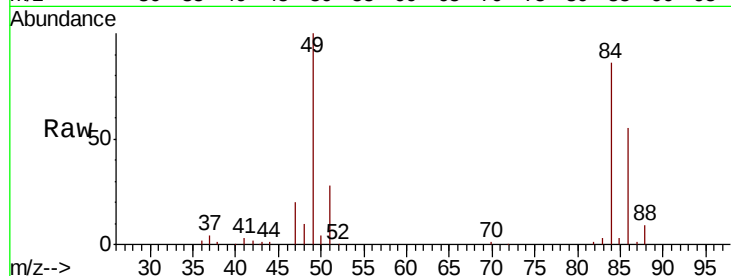




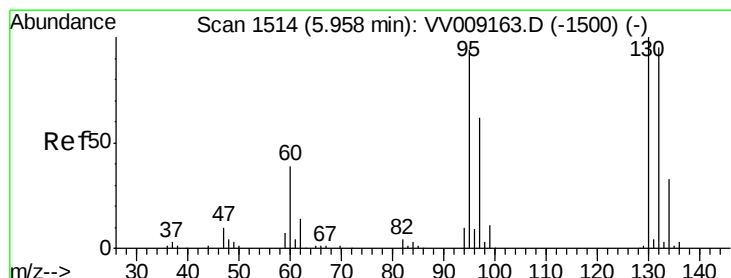
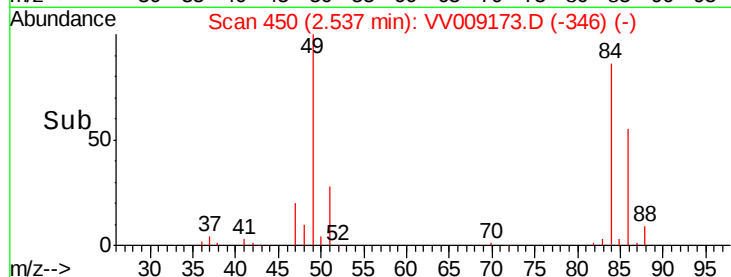
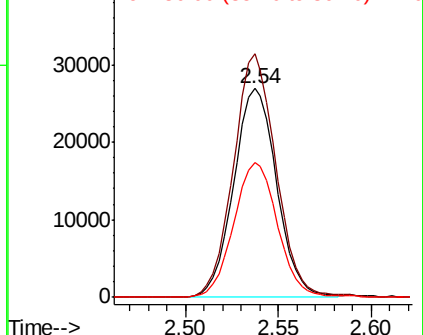
#16
Methylene chloride
Concen: 16.013 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV009173.D
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Instrument :
MSVOA_V
ClientSampleId :
BE9X1

Tgt Ion: 84 Resp: 43522
Ion Ratio Lower Upper
84 100
49 116.5 77.6 144.2
86 64.5 47.4 88.0

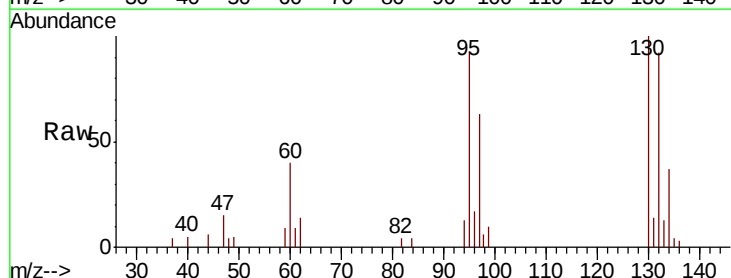


Abundance Ion 84.00 (83.70 to 84.70): VV0
Ion 49.00 (48.70 to 49.70): VV0
Ion 86.00 (85.70 to 86.70): VV0

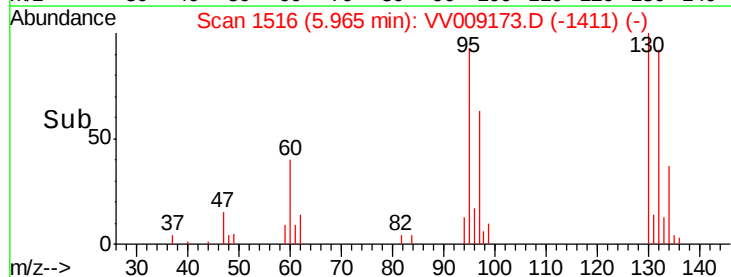
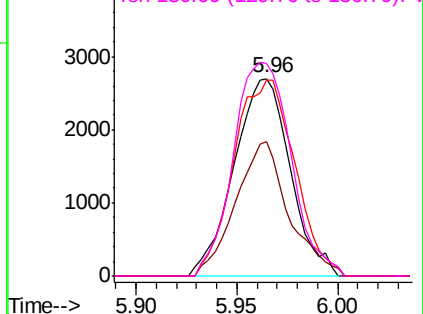


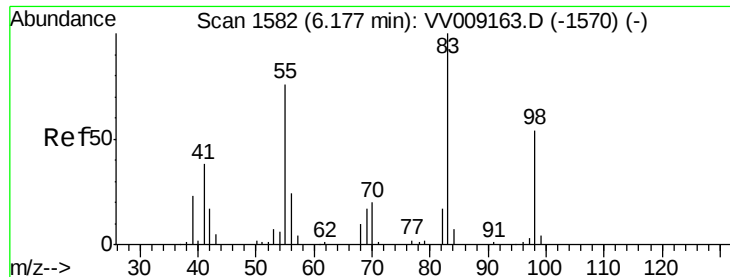
#35
Trichloroethene
Concen: 2.060 ug/L
RT: 5.96 min Scan# 1516
Delta R.T. 0.01 min
Lab File: VV009173.D
Acq: 04 Jan 2019 21:50

Tgt Ion: 95 Resp: 5259
Ion Ratio Lower Upper
95 100
97 64.1 46.2 85.8
132 0.0 73.9 137.3#
130 111.4 77.0 143.0



Abundance Ion 95.00 (94.70 to 95.70): VV0
Ion 97.00 (96.70 to 97.70): VV0
Ion 132.00 (131.70 to 132.70): VV0
Ion 130.00 (129.70 to 130.70): VV0

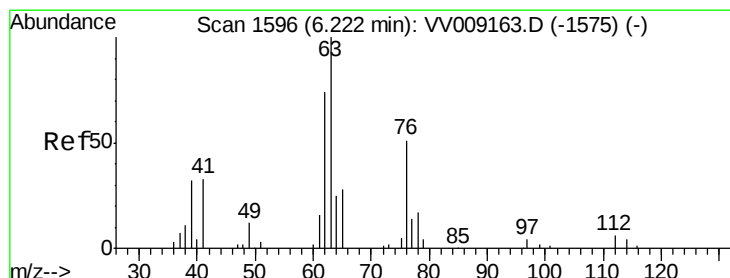
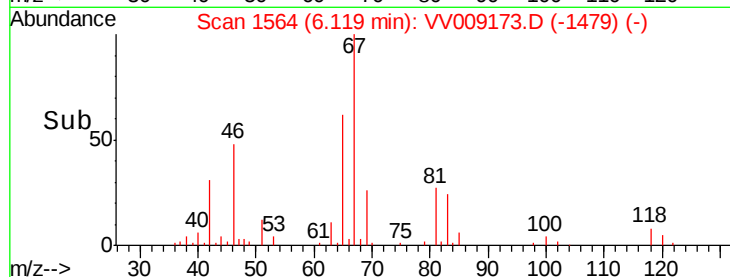
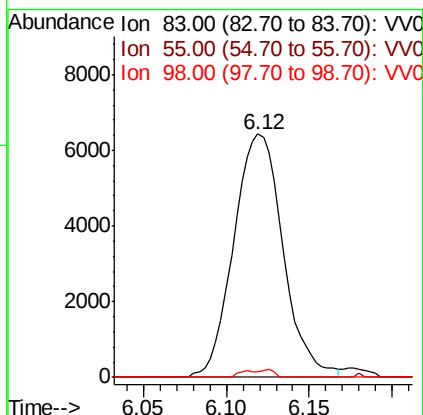
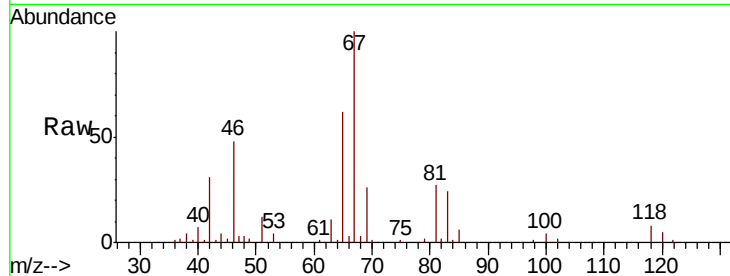




#36
Methylcyclohexane
Concen: 3.128 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.06 min
Lab File: VV009173.D
Acq: 04 Jan 2019 21:50

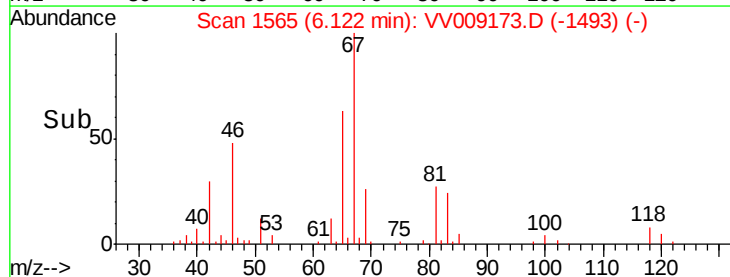
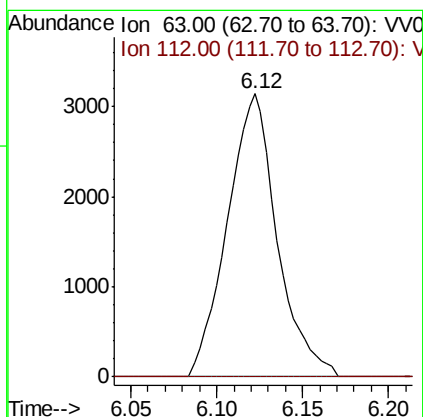
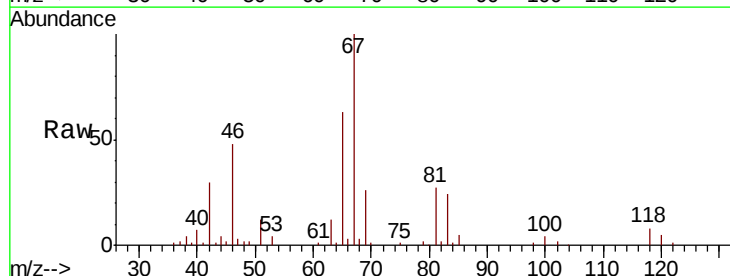
Instrument :
MSVOA_V
ClientSampleId :
BE9X1

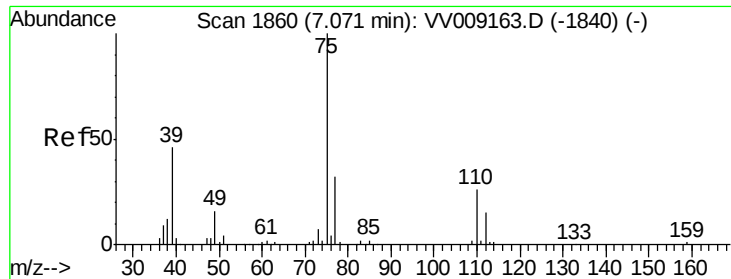
Tgt Ion: 83 Resp: 13343
Ion Ratio Lower Upper
83 100
55 0.0 58.5 87.7#
98 0.8 41.4 62.0#



#40
1,2-Dichloropropane
Concen: 2.957 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV009173.D
Acq: 04 Jan 2019 21:50

Tgt Ion: 63 Resp: 6317
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#



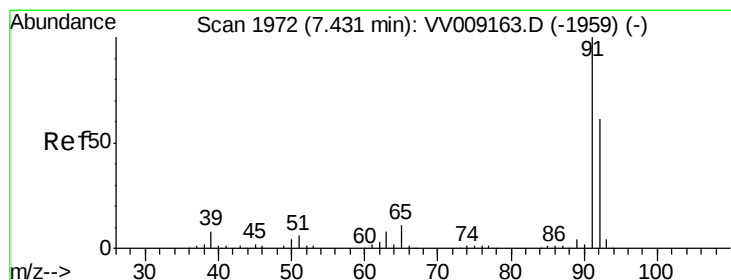
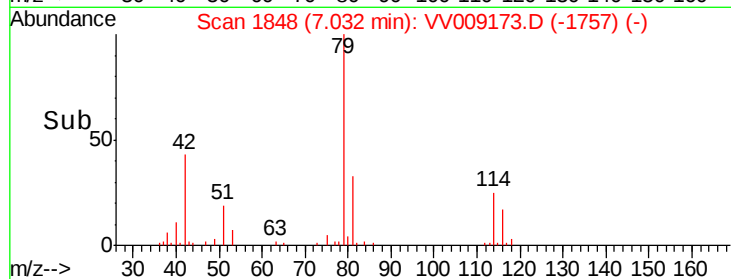
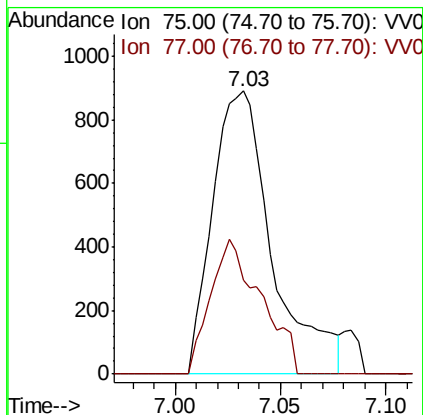
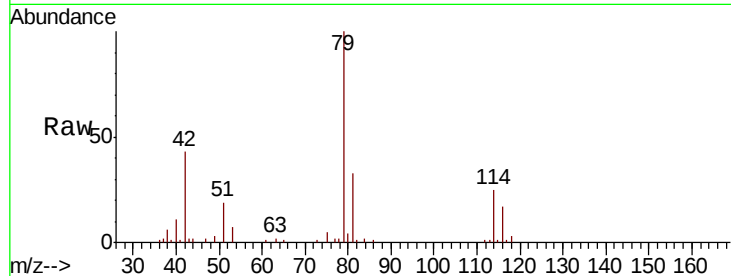


#42

cis-1,3-Dichloropropene
Concen: 0.516 ug/L
RT: 7.03 min Scan# 1848
Delta R.T. -0.04 min
Lab File: VV009173.D
Acq: 04 Jan 2019 21:50

Instrument :
MSVOA_V
ClientSampleId :
BE9X1

Tgt Ion: 75 Resp: 1748
Ion Ratio Lower Upper
75 100
77 33.2 22.8 42.4



#44

Toluene
Concen: 0.644 ug/L
RT: 7.44 min Scan# 1974
Delta R.T. 0.01 min
Lab File: VV009173.D
Acq: 04 Jan 2019 21:50

Tgt Ion: 91 Resp: 6158
Ion Ratio Lower Upper
91 100
92 46.5 41.7 77.5

