

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU060619\
 Data File : VU032488.D
 Acq On : 06 Jun 2019 11:49
 Operator : JC/SP
 Sample : K3213-06MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8H8MS

Quant Time: Jun 07 04:40:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 07 04:06:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	219184	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	203031	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	101828	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	48535	34.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.26%
7) Chloroethane-d5	1.67	69	44234	38.71	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.42%
11) 1,1-Dichloroethene-d2	2.27	63	116995	42.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.04%
21) 2-Butanone-d5	4.17	46	114305	96.05	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.05%
24) Chloroform-d	4.64	84	115098	43.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.80%
26) 1,2-Dichloroethane-d4	5.30	65	77148	46.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.36%
32) Benzene-d6	5.33	84	243079	46.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.24%
36) 1,2-Dichloropropane-d6	6.32	67	78833	47.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.40%
41) Toluene-d8	7.56	98	233316	46.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.36%
43) trans-1,3-Dichloropropene-	7.85	79	39129	49.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.94%
47) 2-Hexanone-d5	8.31	63	76872	95.89	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.89%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	114734	47.91	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.82%
64) 1,2-Dichlorobenzene-d4	11.85	152	98979	50.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.50%

Target Compounds

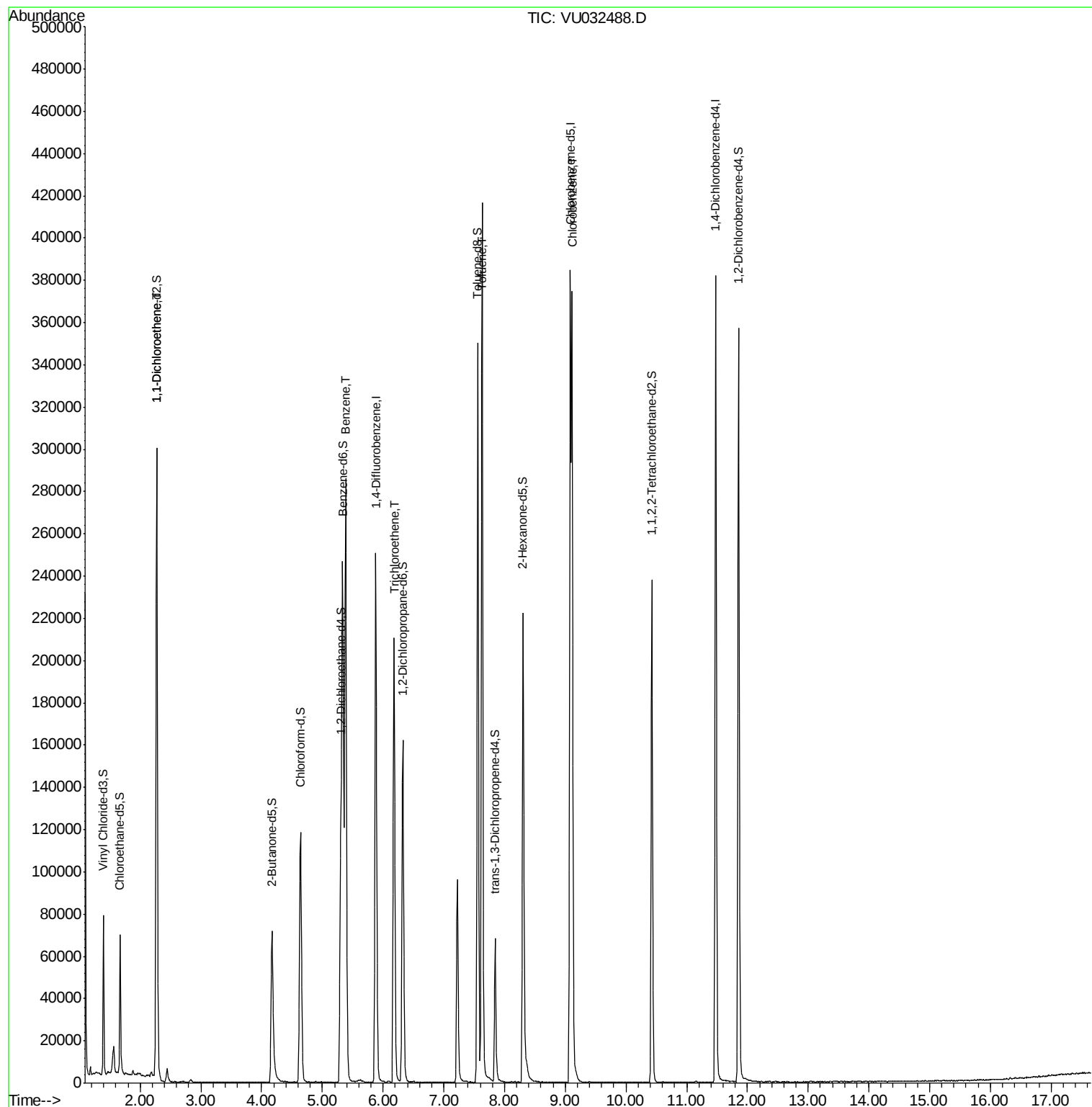
					Ovalue
12) 1,1-Dichloroethene	2.28	96	61076	46.961 ug/L	93
33) Benzene	5.38	78	277210	48.595 ug/L	100
34) Trichloroethene	6.18	95	71643	46.162 ug/L	100
42) Toluene	7.63	91	304085	48.674 ug/L	98
51) Chlorobenzene	9.11	112	198677	49.361 ug/L	98

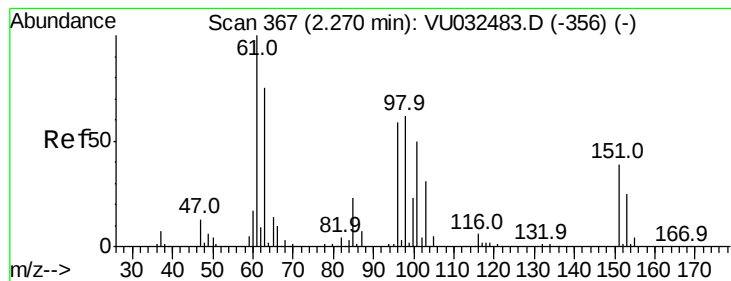
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU060619\
Data File : VU032488.D
Acq On : 06 Jun 2019 11:49
Operator : JC/SP
Sample : K3213-06MS
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB8H8MS

Quant Time: Jun 07 04:40:15 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 07 04:06:44 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 46.961 ug/L

RT: 2.28 min Scan# 369

Delta R.T. 0.01 min

Lab File: VU032488.D

Acq: 06 Jun 2019 11:49

Instrument :

MSVOA_U

ClientSampleId :

DB8H8MS

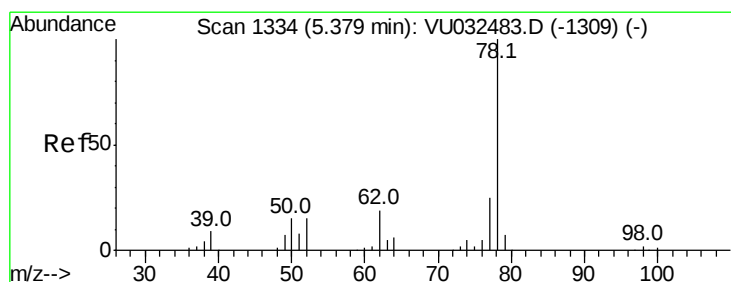
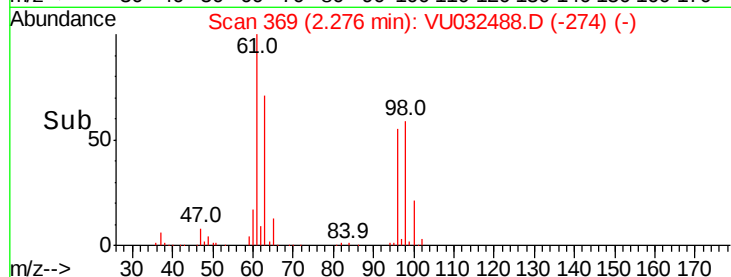
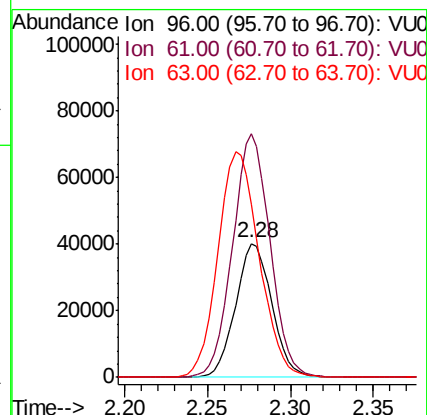
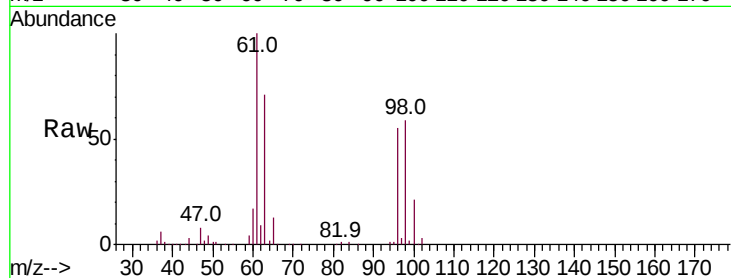
Tot Ion: 96 Resp: 61076

Ion Ratio Lower Upper

96 100

61 181.9 129.5 240.5

63 129.9 103.4 192.0



#33

Benzene

Concen: 48.595 ug/L

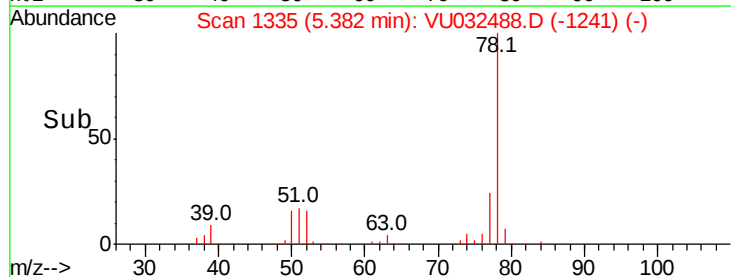
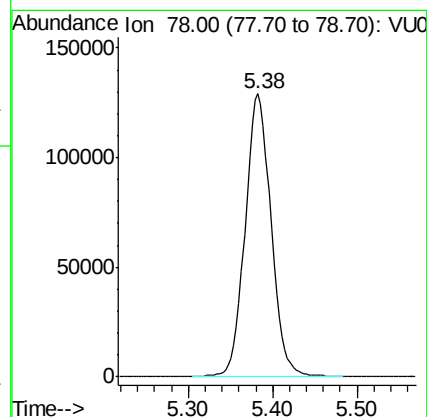
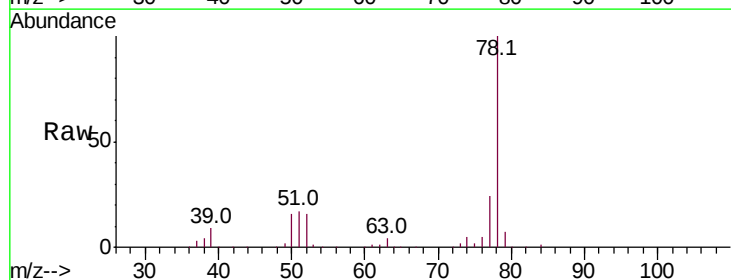
RT: 5.38 min Scan# 1335

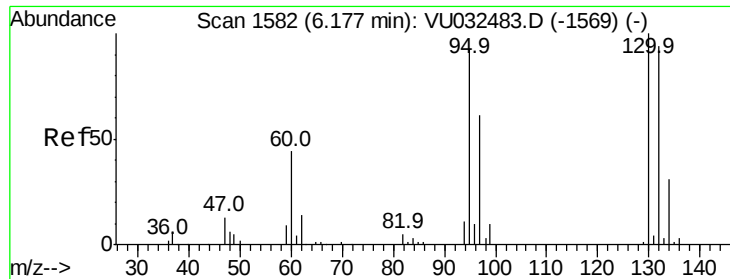
Delta R.T. 0.00 min

Lab File: VU032488.D

Acq: 06 Jun 2019 11:49

Tgt Ion: 78 Resp: 277210





#34

Trichloroethene

Concen: 46.162 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VU032488.D

Acq: 06 Jun 2019 11:49

Instrument :

MSVOA_U

ClientSampleId :

DB8H8MS

Tot Ion: 95 Resp: 71643

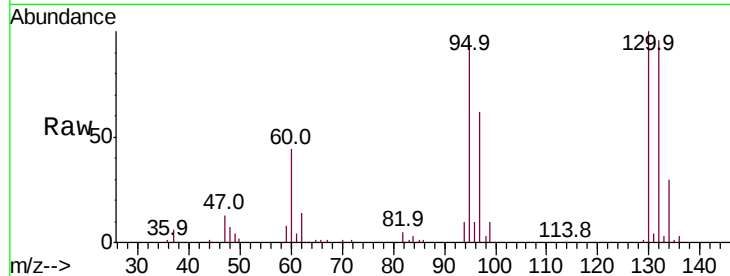
Ion Ratio Lower Upper

95 100

97 65.4 45.8 85.2

132 100.2 71.0 131.8

130 104.8 73.4 136.2

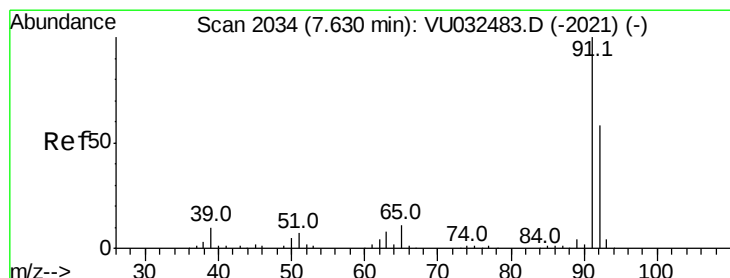
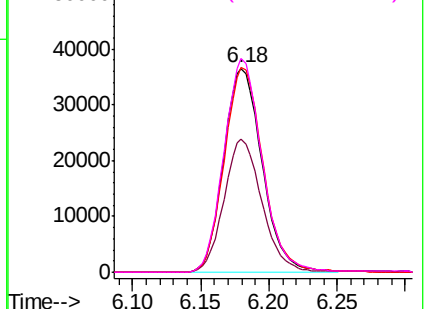
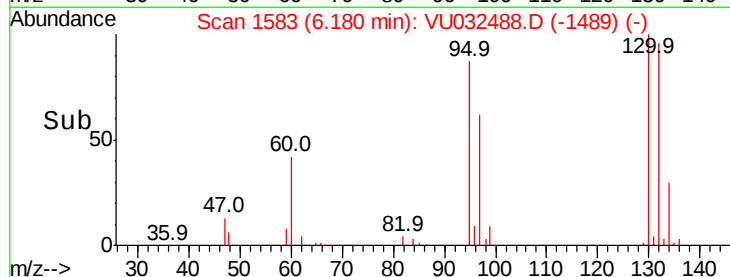


Abundance Ion 95.00 (94.70 to 95.70): VU032488.D (-1569) (-)

Ion 97.00 (96.70 to 97.70): VU032488.D (-1569) (-)

Ion 132.00 (131.70 to 132.70): VU032488.D (-1569) (-)

Ion 130.00 (129.70 to 130.70): VU032488.D (-1569) (-)



#42

Toluene

Concen: 48.674 ug/L

RT: 7.63 min Scan# 2034

Delta R.T. -0.00 min

Lab File: VU032488.D

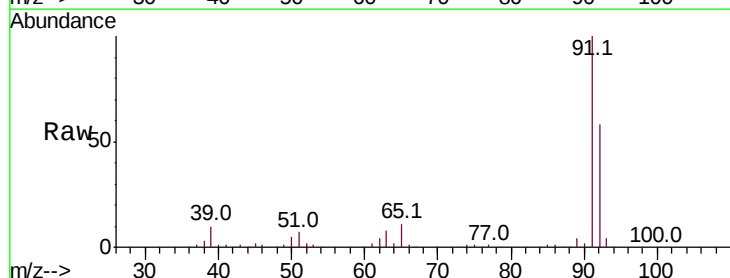
Acq: 06 Jun 2019 11:49

Tgt Ion: 91 Resp: 304085

Ion Ratio Lower Upper

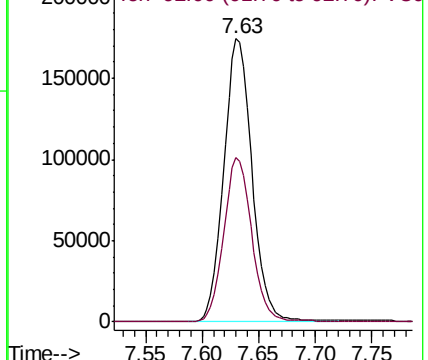
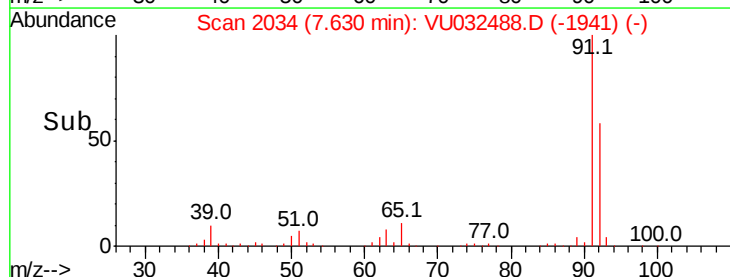
91 100

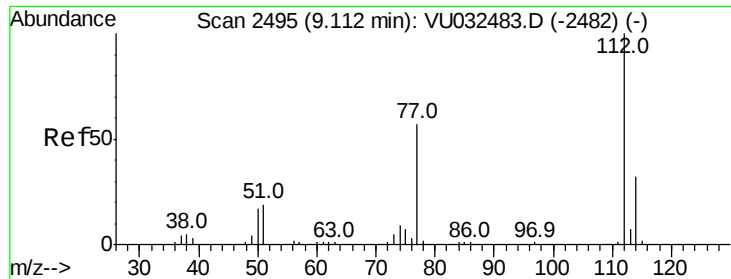
92 58.0 39.7 73.7



Abundance Ion 91.00 (90.70 to 91.70): VU032488.D (-1941) (-)

Ion 92.00 (91.70 to 92.70): VU032488.D (-1941) (-)





#51
 Chlorobenzene
 Concen: 49.361 ug/L
 RT: 9.11 min Scan# 2495
 Delta R.T. -0.00 min
 Lab File: VU032488.D
 Acq: 06 Jun 2019 11:49

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8H8MS

Tot Ion	Ion	Ratio	Lower	Upper
112	100			
114	32.1	22.6	42.0	
77	55.7	46.1	69.1	

