

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112219\
 Data File : VX013526.D
 Acq On : 22 Nov 2019 12:29
 Operator : JC/SP
 Sample : K5942-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 55-ST-23

Quant Time: Nov 22 14:30:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X111119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 12 01:16:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	112087	30.00	ug/l	0.01
28) 1,4-Difluorobenzene	6.85	114	623251	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	542152	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.05	65	244938	29.59	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.63%
60) 4-Bromofluorobenzene	11.13	95	240034	27.55	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	91.83%
63) Toluene-d8	8.71	98	737943	30.10	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.33%

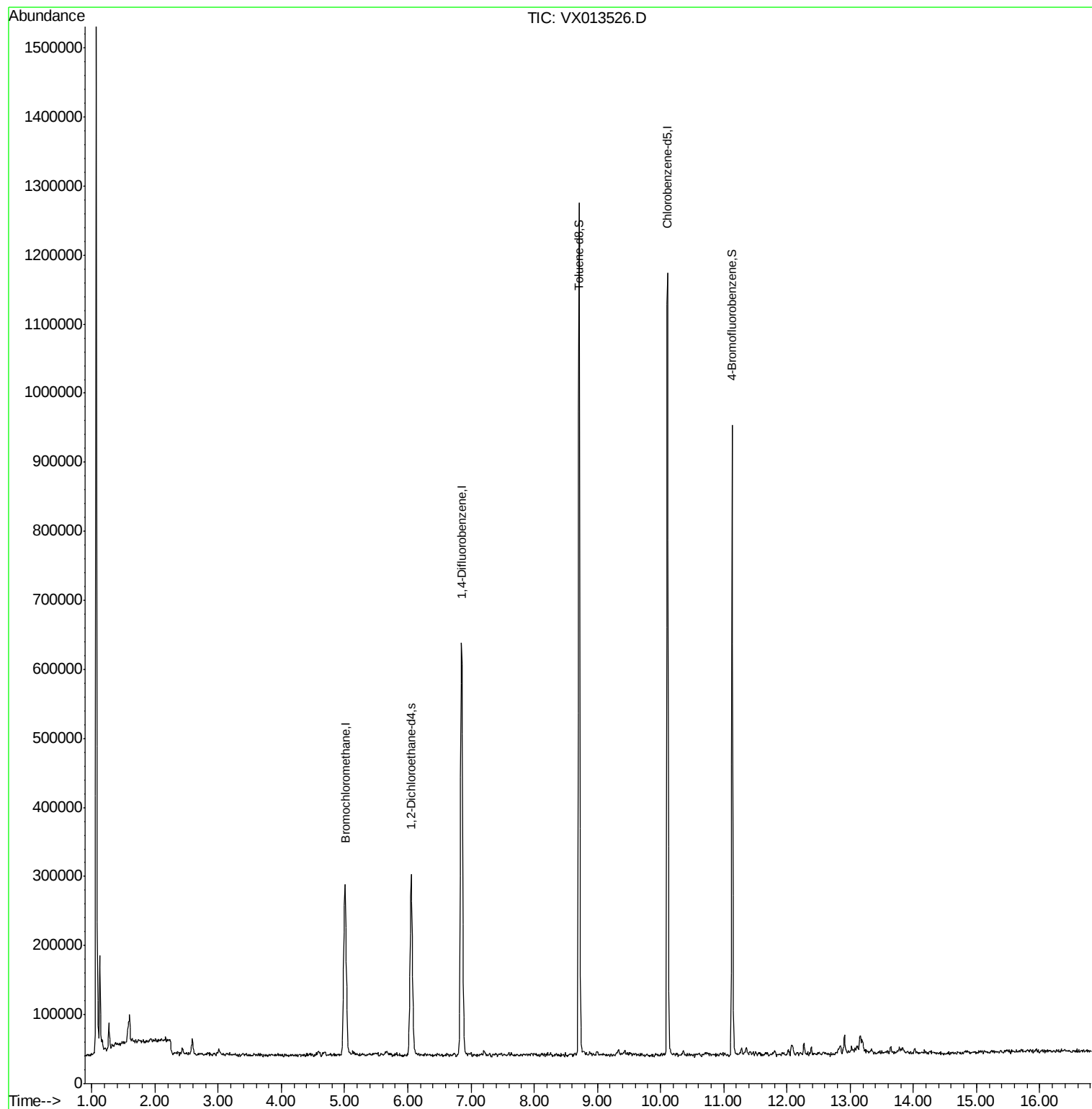
Target Compounds	Ovalue

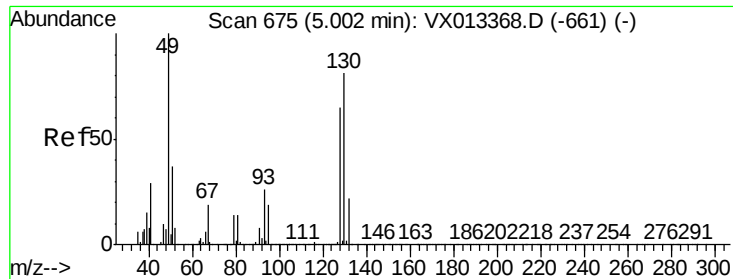
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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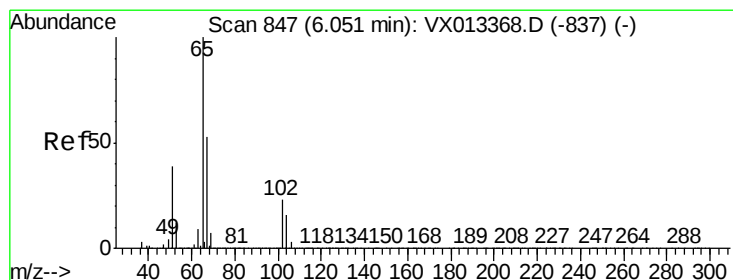
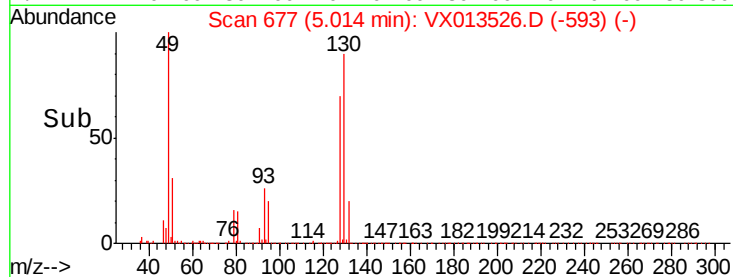
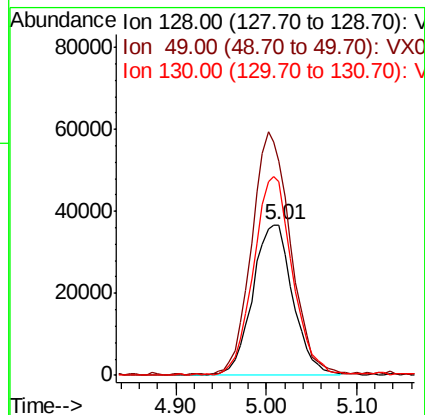
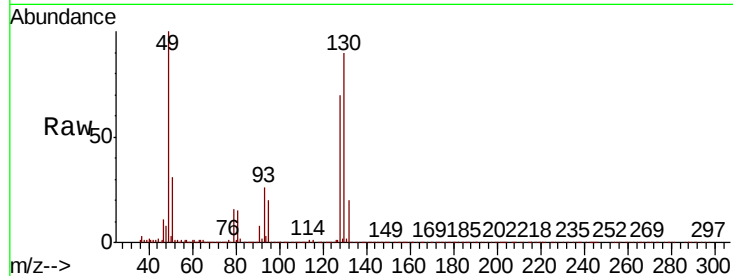


#1

Bromochloromethane
 Concen: 30.000 ug/l
 RT: 5.01 min Scan# 677
 Delta R.T. 0.01 min
 Lab File: VX013526.D
 Acq: 22 Nov 2019 12:29

Instrument :
 MSVOA_X
 ClientSampleId :
 55-ST-23

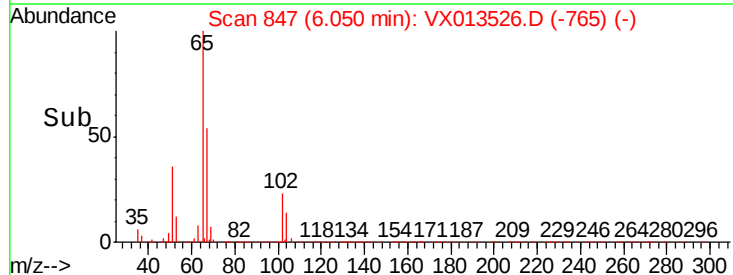
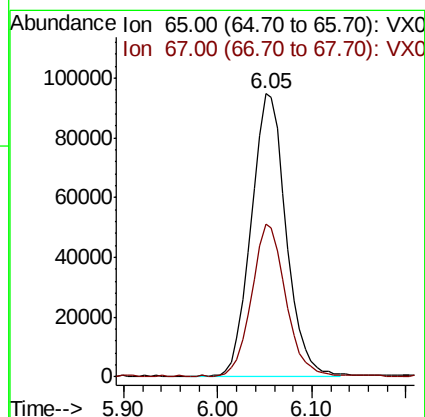
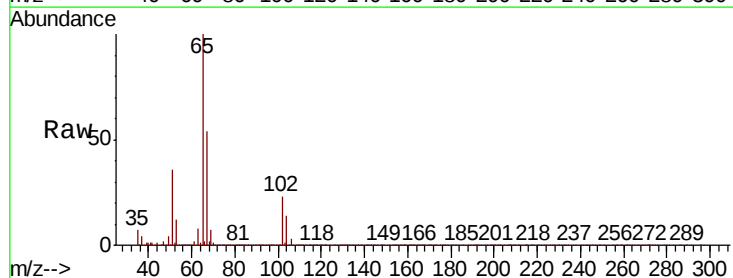
Tot Ion	Ratio	Lower	Upper
128	100		
49	156.5	0.0	388.3
130	128.2	0.0	318.5

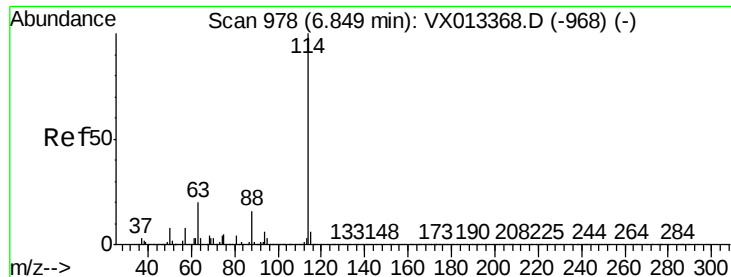


#27

1,2-Dichloroethane-d4
 Concen: 29.594 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX013526.D
 Acq: 22 Nov 2019 12:29

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.3	41.0	61.6

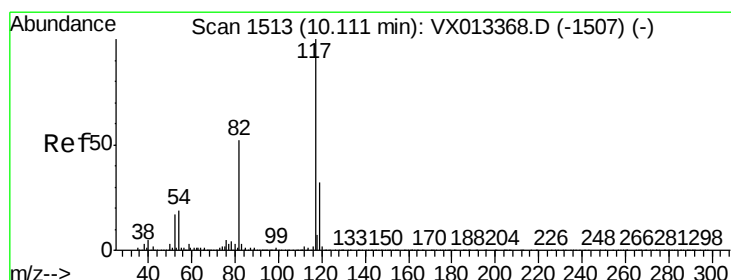
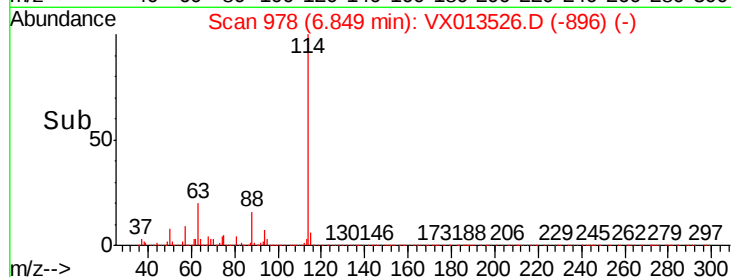
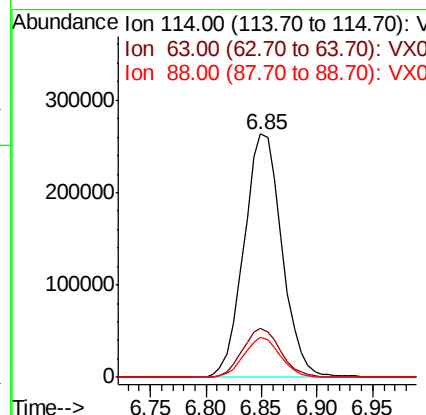
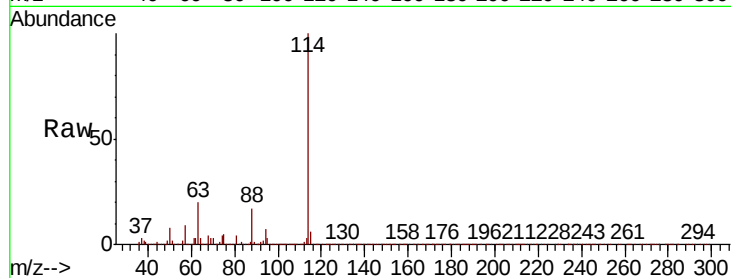




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX013526.D
Acq: 22 Nov 2019 12:29

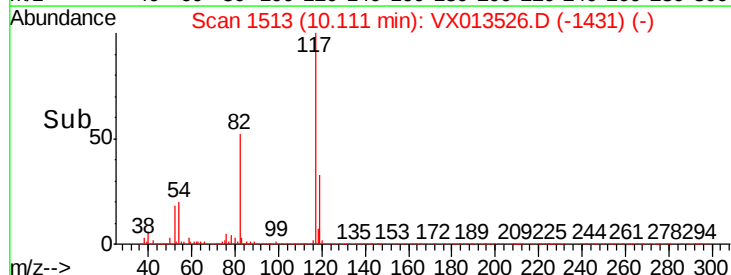
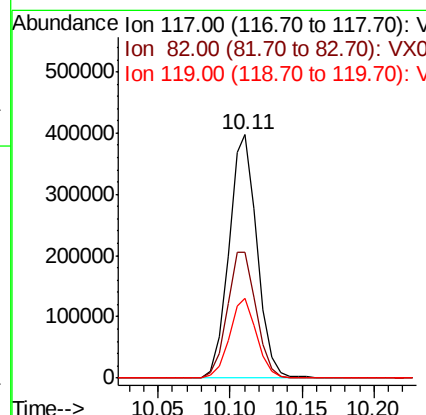
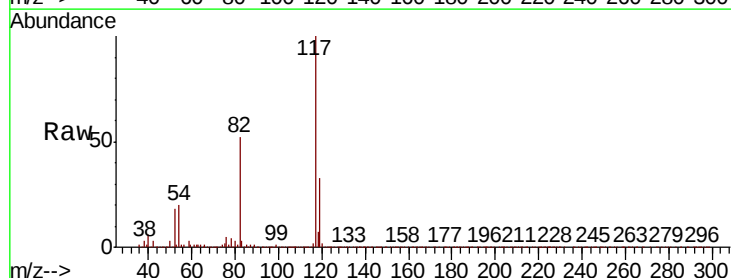
Instrument :
MSVOA_X
ClientSampleId :
55-ST-23

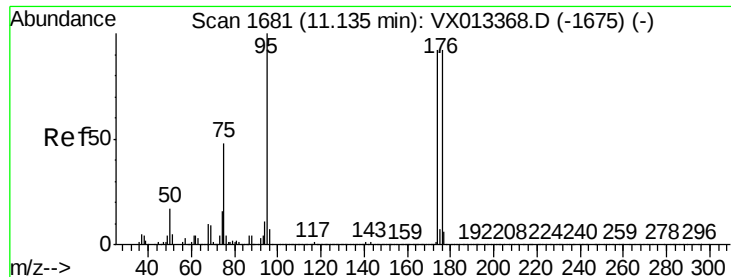
Tot Ion:	114	Resp:	623251
Ion	Ratio	Lower	Upper
114	100		
63	20.1	16.1	24.1
88	15.7	12.3	18.5



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013526.D
Acq: 22 Nov 2019 12:29

Tgt Ion:	117	Resp:	542152
Ion	Ratio	Lower	Upper
117	100		
82	53.5	43.7	65.5
119	31.7	25.5	38.3

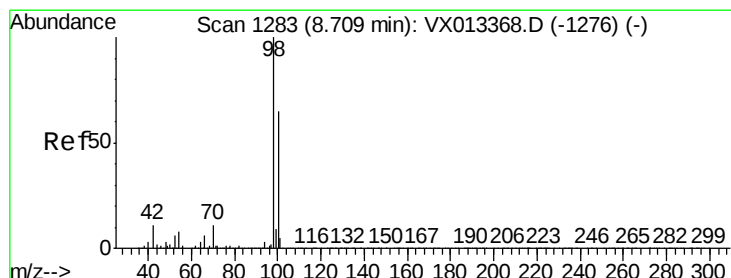
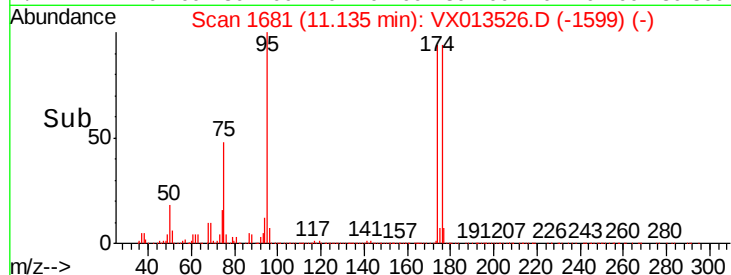
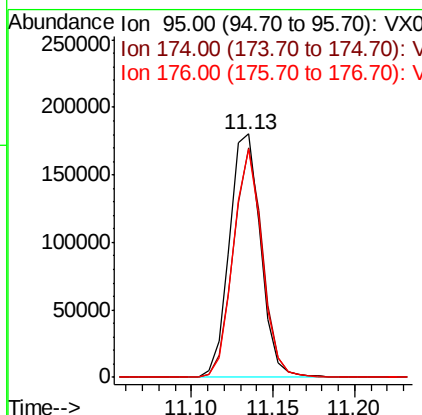
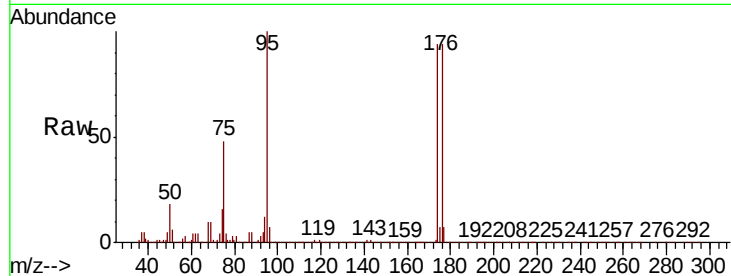




#60
4-Bromofluorobenzene
Concen: 27.546 ug/l
RT: 11.13 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX013526.D
Acq: 22 Nov 2019 12:29

Instrument :
MSVOA_X
ClientSampleId :
55-ST-23

Tot Ion: 95 Resp: 240034
Ion Ratio Lower Upper
95 100
174 88.8 70.2 105.2
176 86.8 68.3 102.5



#63
Toluene-d8
Concen: 30.100 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013526.D
Acq: 22 Nov 2019 12:29

Tgt Ion: 98 Resp: 737943
Ion Ratio Lower Upper
98 100
100 66.0 52.5 78.7

