

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020521\
 Data File : VD068304.D
 Acq On : 05 Feb 2021 16:47
 Operator : VA/SY
 Sample : M1317-01RE
 Misc : 7.86G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 R-ARE

Quant Time: Feb 06 02:48:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

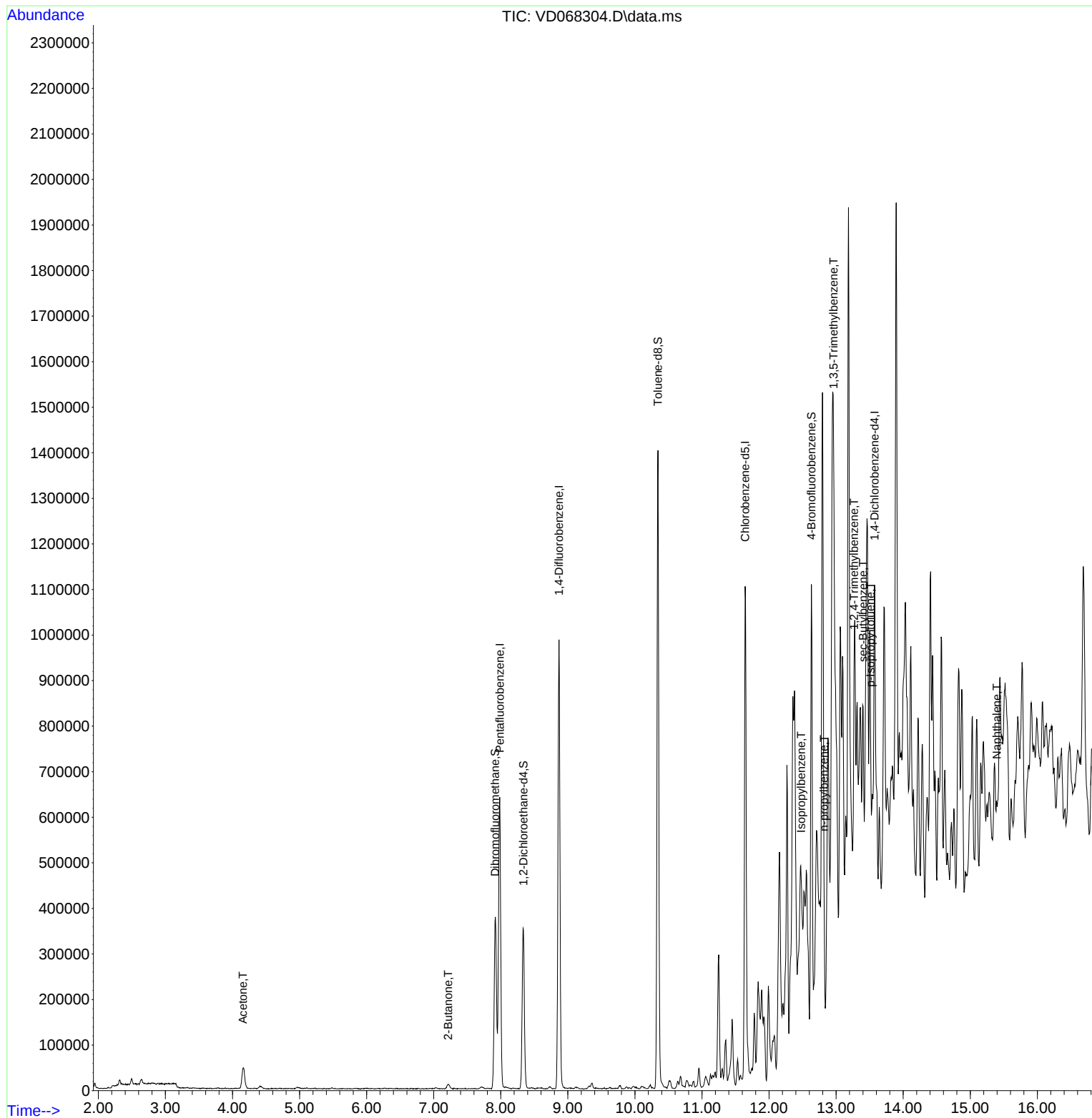
Internal Standards						
1) Pentafluorobenzene	7.985	168	491674	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	893964	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	663812	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	167334	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	283063	60.18	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.36%
35) Dibromofluoromethane	7.914	113	281520	56.96	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.92%
50) Toluene-d8	10.343	98	982682	49.71	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.42%
62) 4-Bromofluorobenzene	12.632	95	259017	36.38	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	72.76%
Target Compounds						
					Qvalue	
16) Acetone	4.156	43	84860	101.05	ug/l	99
25) 2-Butanone	7.214	43	16240	12.84	ug/l	99
73) Isopropylbenzene	12.479	105	43134	3.10	ug/l	93
78) n-propylbenzene	12.820	91	91396	5.55	ug/l	96
80) 1,3,5-Trimethylbenzene	12.961	105	49538	4.27	ug/l	98
84) 1,2,4-Trimethylbenzene	13.267	105	202590	17.60	ug/l	98
85) sec-Butylbenzene	13.402	105	84451	6.14	ug/l #	75
86) p-Isopropyltoluene	13.514	119	43552	3.48	ug/l	95
95) Naphthalene	15.396	128	111725	17.68	ug/l	97

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

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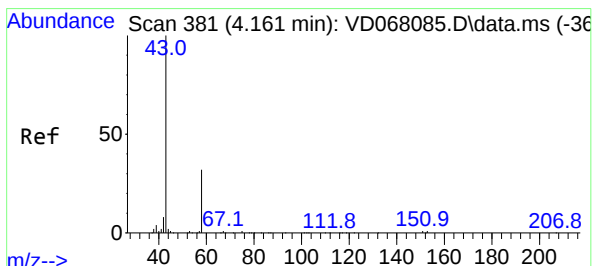
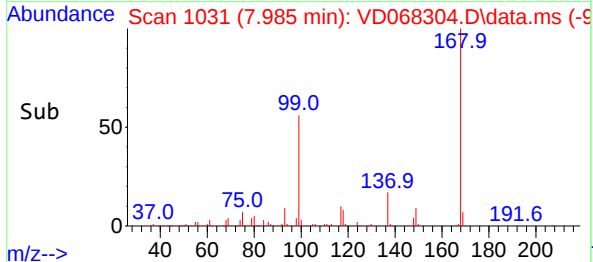
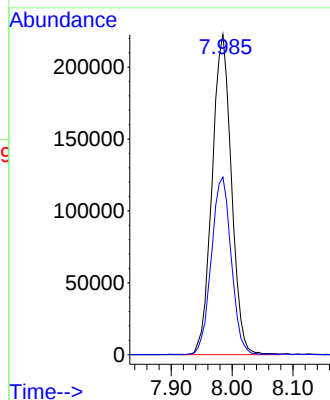
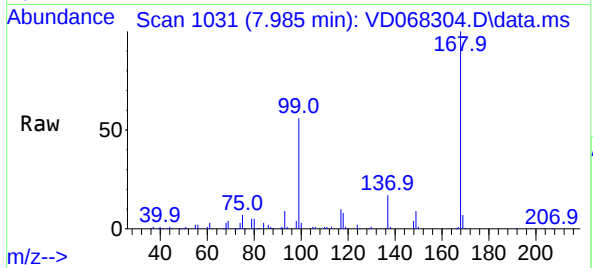




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068304.D
Acq: 05 Feb 2021 16:47

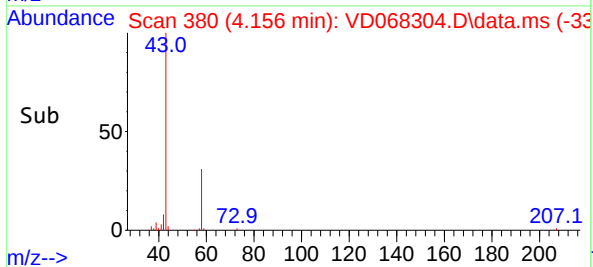
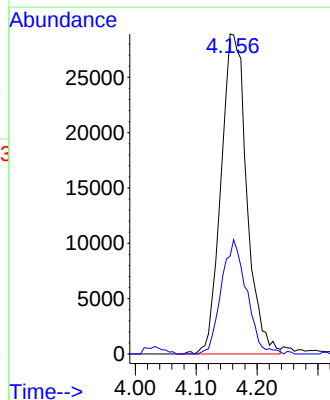
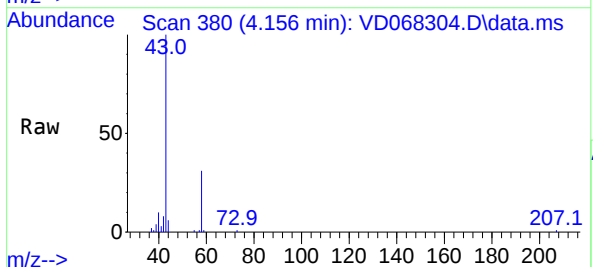
Instrument :
MSVOA_D
ClientSampleId :
R-ARE

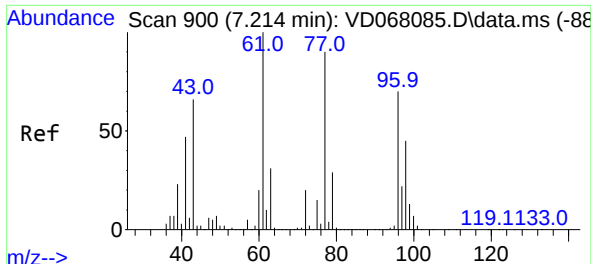
Tgt Ion:168 Resp: 491674
Ion Ratio Lower Upper
168 100
99 55.4 43.5 65.3



#16
Acetone
Concen: 101.05 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD068304.D
Acq: 05 Feb 2021 16:47

Tgt Ion: 43 Resp: 84860
Ion Ratio Lower Upper
43 100
58 30.6 24.2 36.4

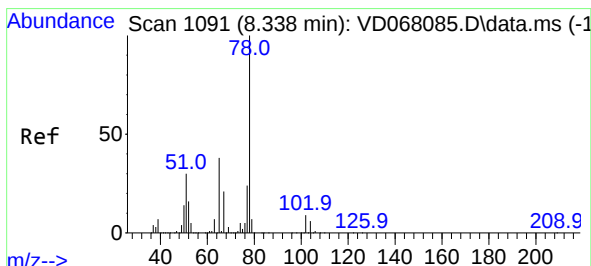
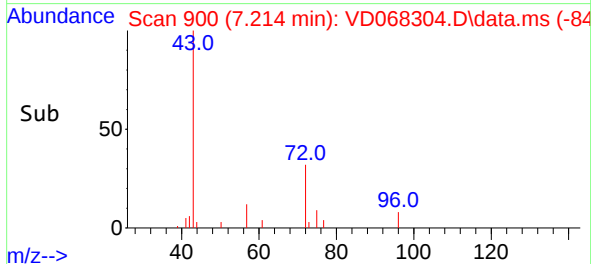
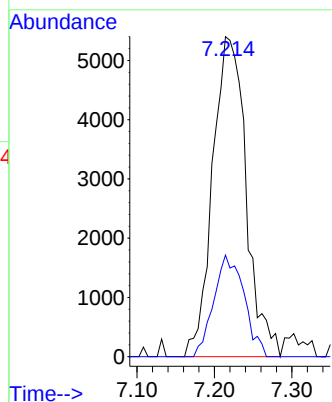
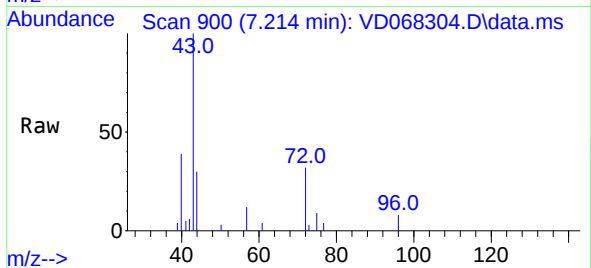




#25
2-Butanone
Concen: 12.84 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD068304.D
Acq: 05 Feb 2021 16:47

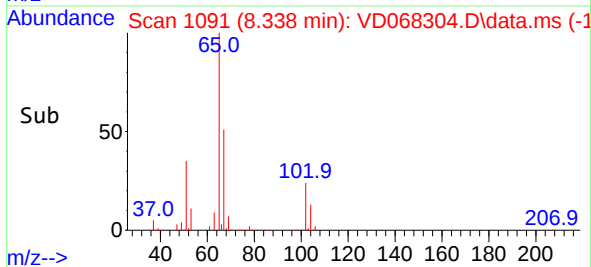
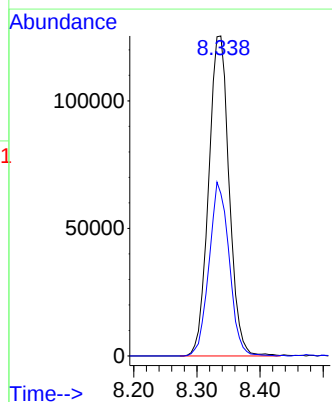
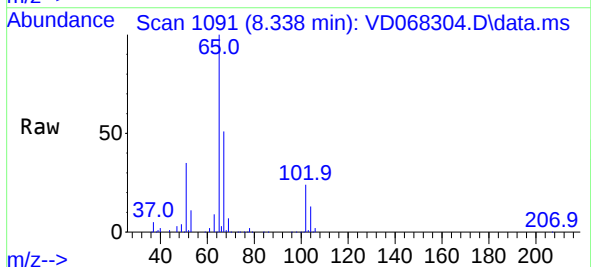
Instrument :
MSVOA_D
ClientSampled :
R-ARE

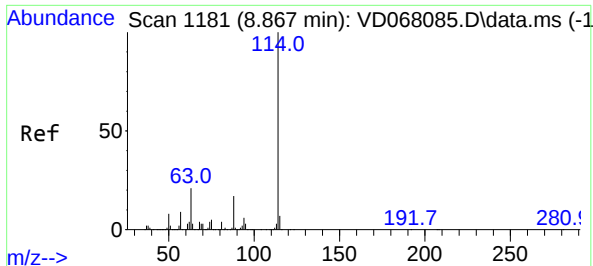
Tgt Ion: 43 Resp: 16240
Ion Ratio Lower Upper
43 100
72 31.8 25.1 37.7



#33
1,2-Dichloroethane-d4
Concen: 60.18 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD068304.D
Acq: 05 Feb 2021 16:47

Tgt Ion: 65 Resp: 283063
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.0



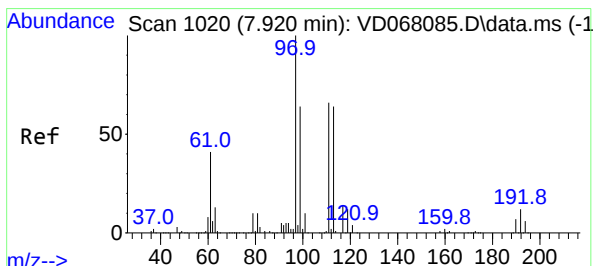
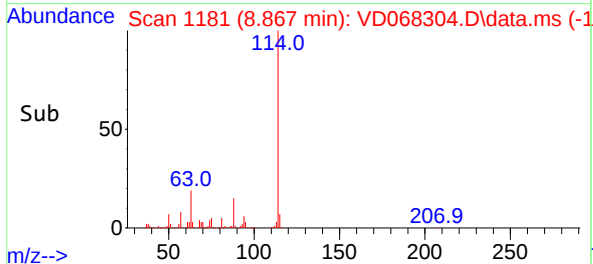
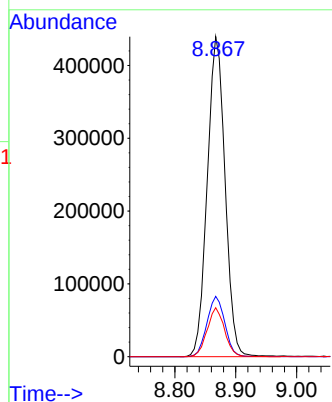
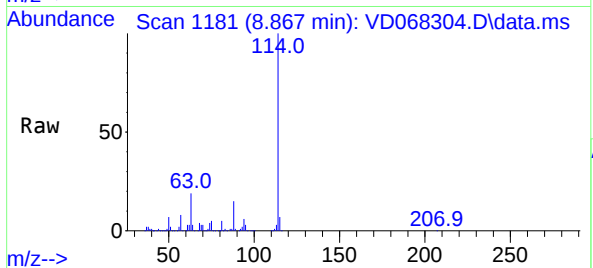


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068304.D
Acq: 05 Feb 2021 16:47

Instrument :
MSVOA_D
ClientSampled :
R-ARE

Tgt Ion:114 Resp: 893964

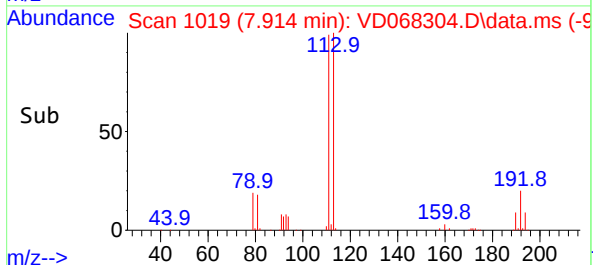
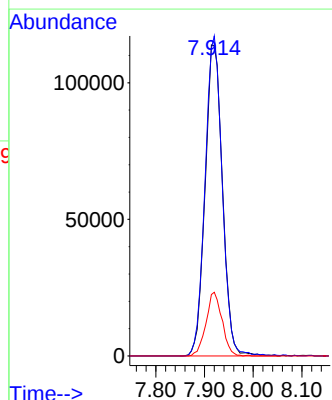
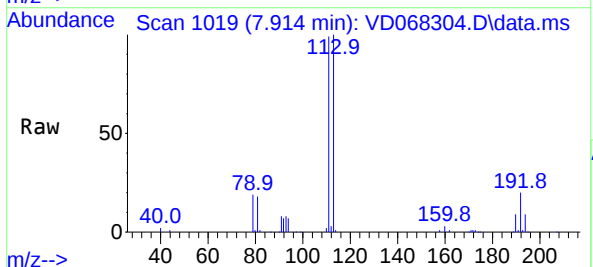
Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	34.8
88	15.3	0.0	31.6

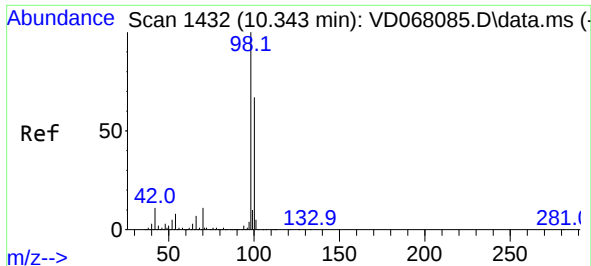


#35
Dibromofluoromethane
Concen: 56.96 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068304.D
Acq: 05 Feb 2021 16:47

Tgt Ion:113 Resp: 281520

Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.4	122.0
192	18.9	16.1	24.1

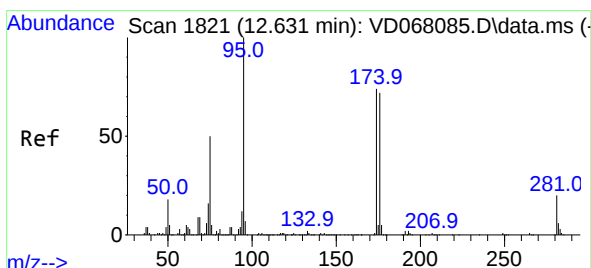
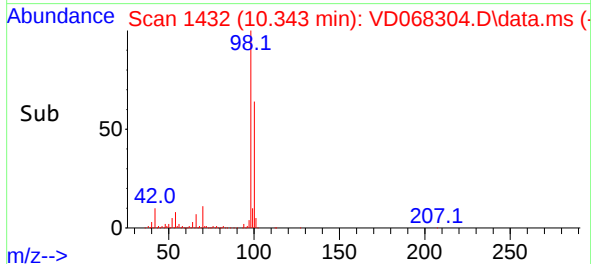
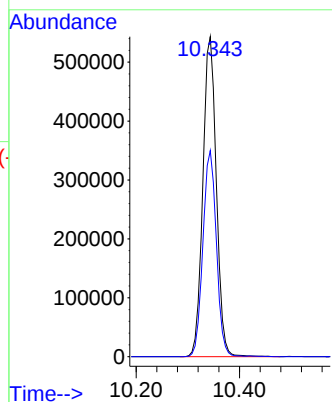
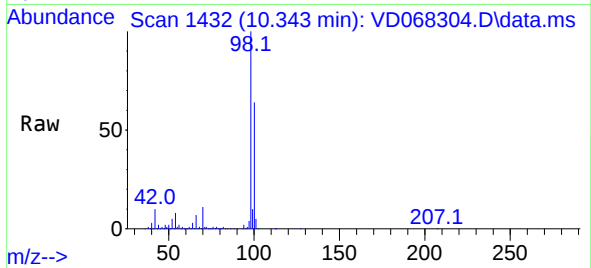




#50
Toluene-d8
Concen: 49.71 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068304.D
Acq: 05 Feb 2021 16:47

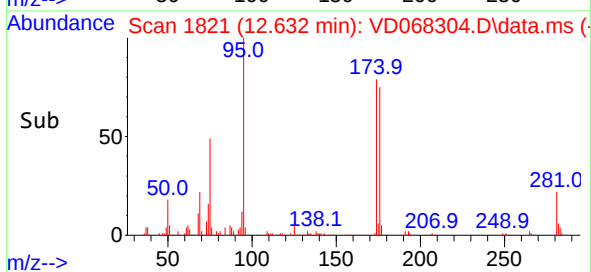
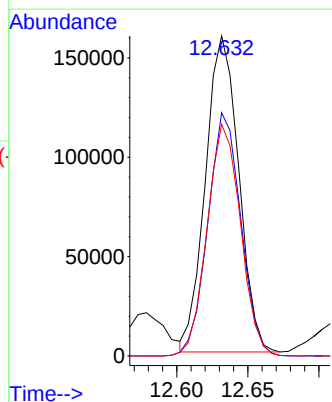
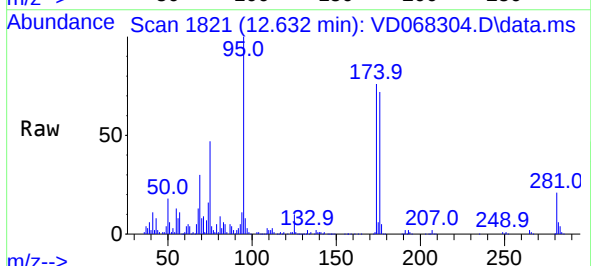
Instrument :
MSVOA_D
ClientSampled :
R-ARE

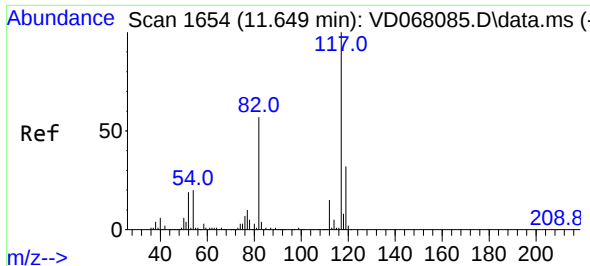
Tgt Ion: 98 Resp: 982682
Ion Ratio Lower Upper
98 100
100 64.3 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 36.38 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068304.D
Acq: 05 Feb 2021 16:47

Tgt Ion: 95 Resp: 259017
Ion Ratio Lower Upper
95 100
174 76.4 0.0 172.4
176 73.8 0.0 168.4

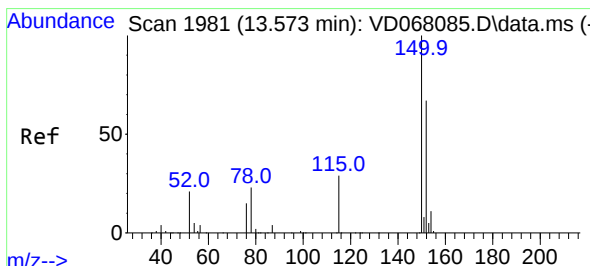
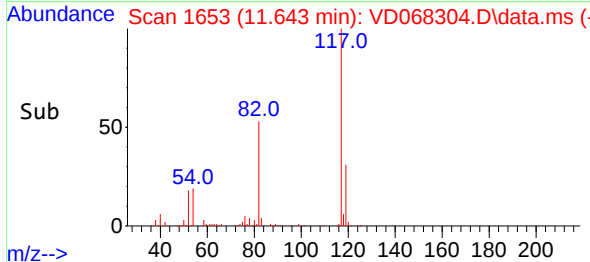
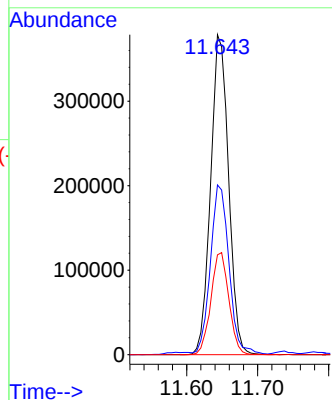
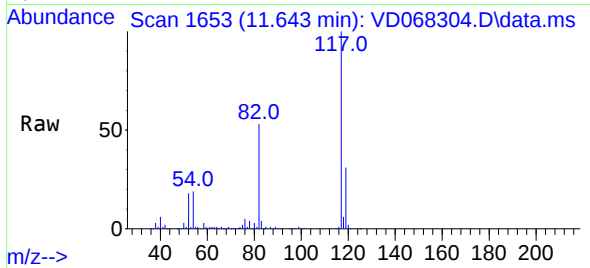




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068304.D
Acq: 05 Feb 2021 16:47

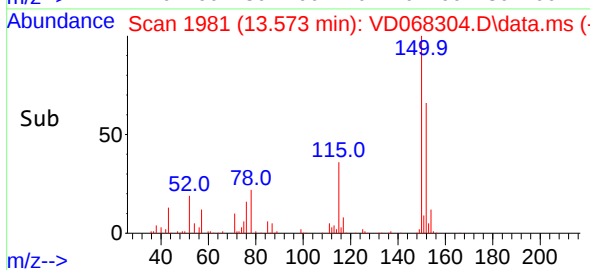
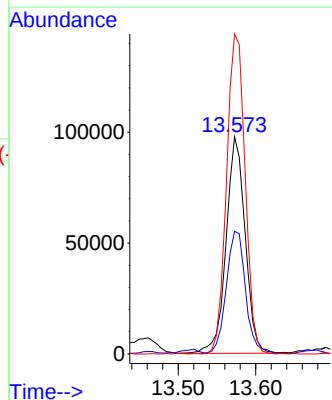
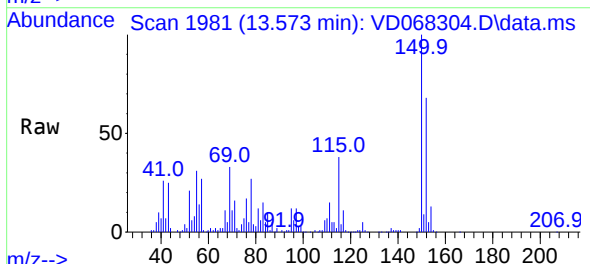
Instrument :
MSVOA_D
ClientSampled :
R-ARE

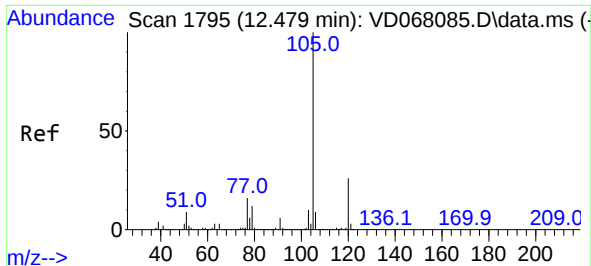
Tgt Ion:117 Resp: 663812
Ion Ratio Lower Upper
117 100
82 52.4 41.4 62.0
119 31.2 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068304.D
Acq: 05 Feb 2021 16:47

Tgt Ion:152 Resp: 167334
Ion Ratio Lower Upper
152 100
115 56.8 28.9 86.8
150 144.1 0.0 344.4

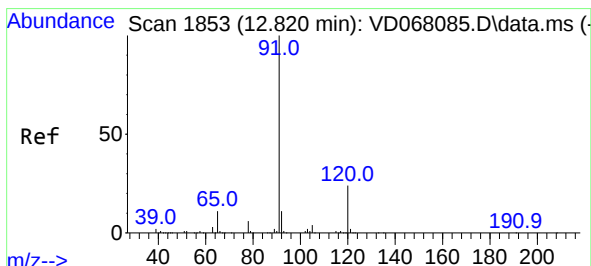
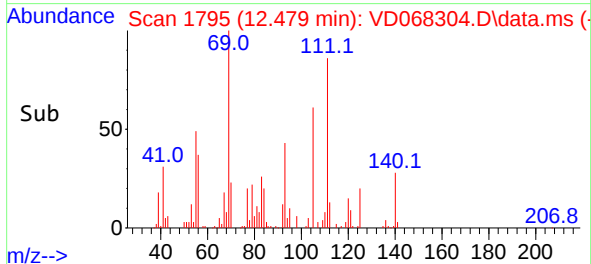
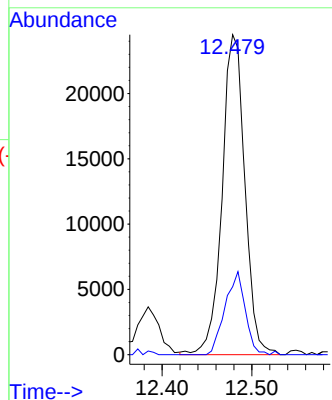
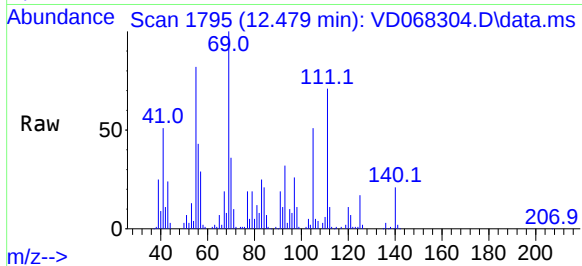




#73
Isopropylbenzene
Concen: 3.10 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VD068304.D
Acq: 05 Feb 2021 16:47

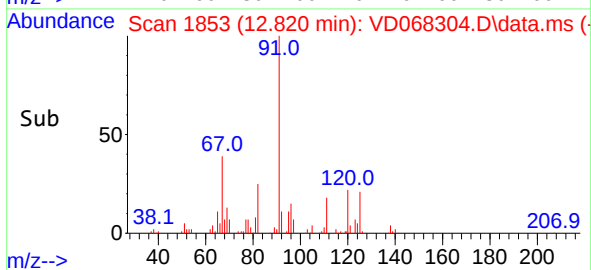
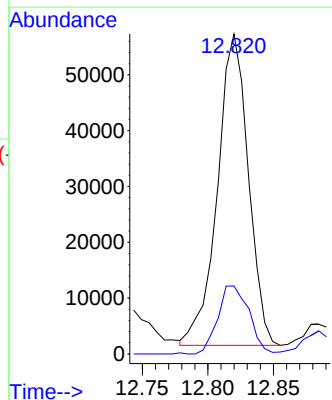
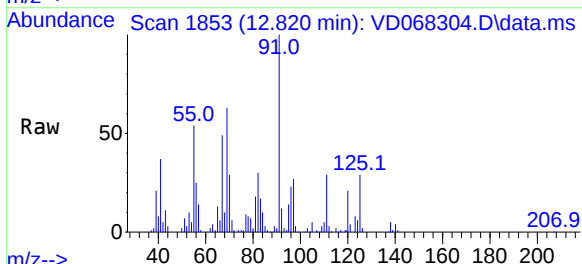
Instrument :
MSVOA_D
ClientSampled :
R-ARE

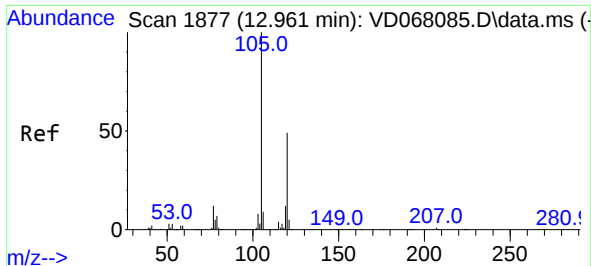
Tgt Ion:105 Resp: 43134
Ion Ratio Lower Upper
105 100
120 23.0 13.2 39.6



#78
n-propylbenzene
Concen: 5.55 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VD068304.D
Acq: 05 Feb 2021 16:47

Tgt Ion: 91 Resp: 91396
Ion Ratio Lower Upper
91 100
120 22.1 12.0 36.0

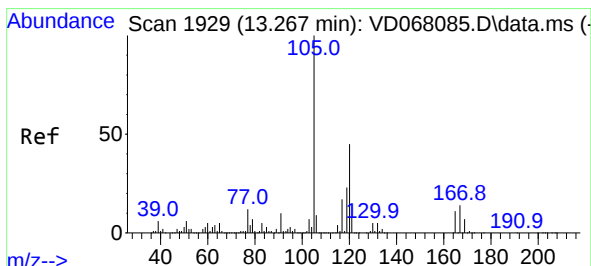
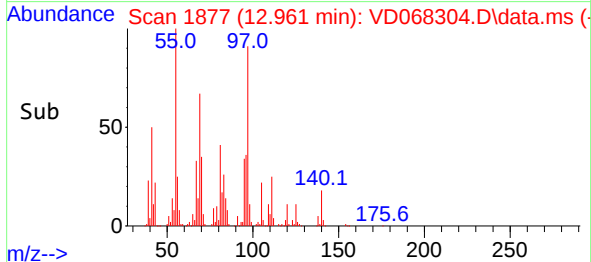
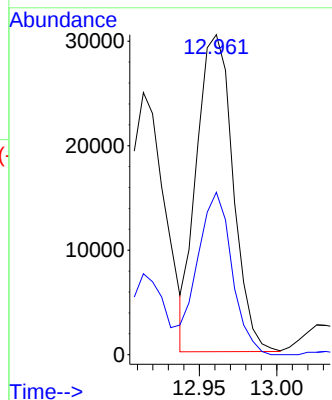
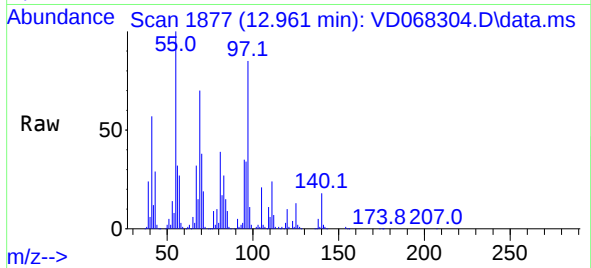




#80
1,3,5-Trimethylbenzene
Concen: 4.27 ug/l
RT: 12.961 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VD068304.D
Acq: 05 Feb 2021 16:47

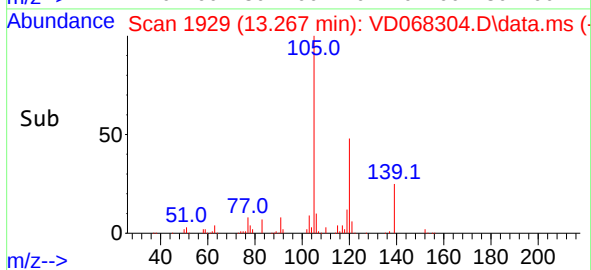
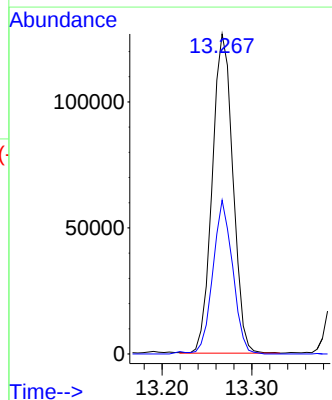
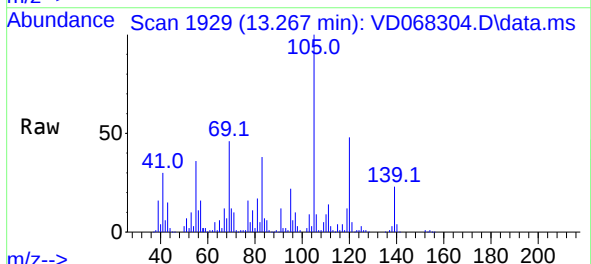
Instrument :
MSVOA_D
ClientSampled :
R-ARE

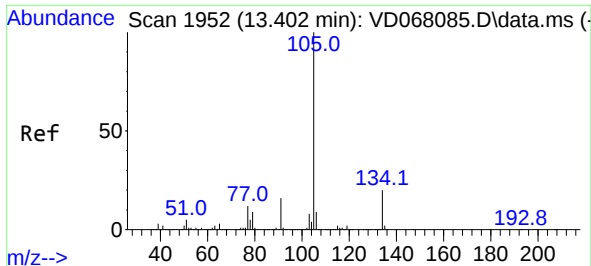
Tgt Ion:105 Resp: 49538
Ion Ratio Lower Upper
105 100
120 49.9 24.2 72.6



#84
1,2,4-Trimethylbenzene
Concen: 17.60 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.000 min
Lab File: VD068304.D
Acq: 05 Feb 2021 16:47

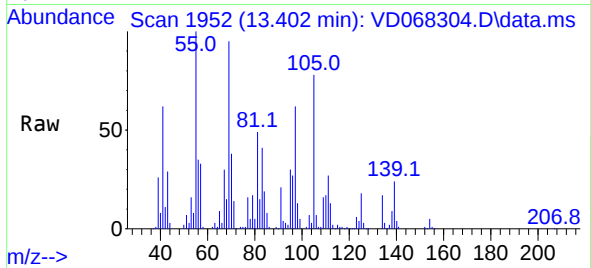
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Ion Ratio Lower Upper
105 100
120 46.0 22.4 67.0



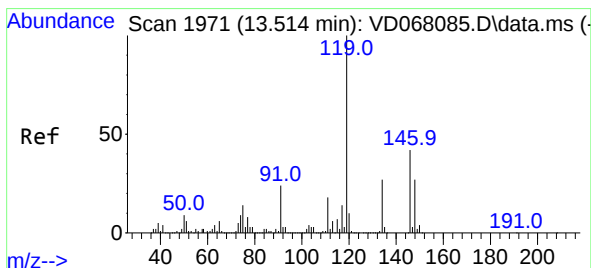
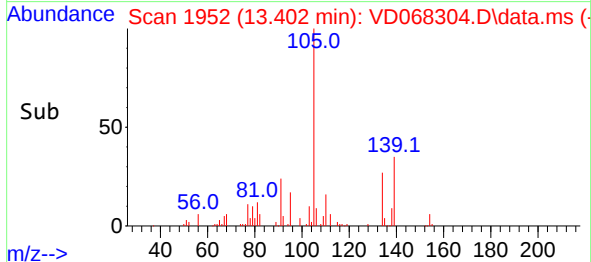
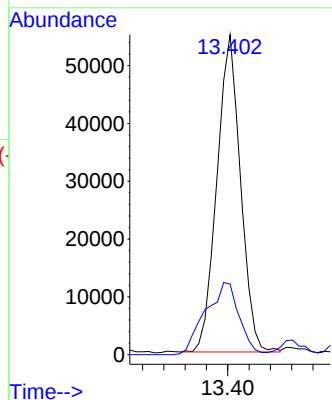


#85
 sec-Butylbenzene
 Concen: 6.14 ug/l
 RT: 13.402 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VD068304.D
 Acq: 05 Feb 2021 16:47

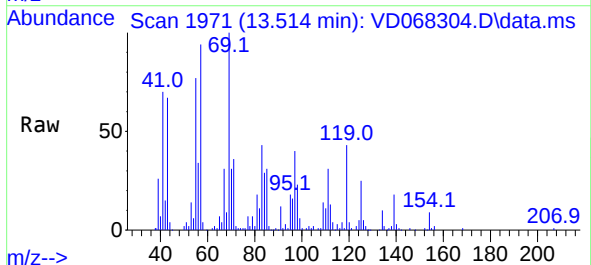
Instrument :
 MSVOA_D
 ClientSampled :
 R-ARE



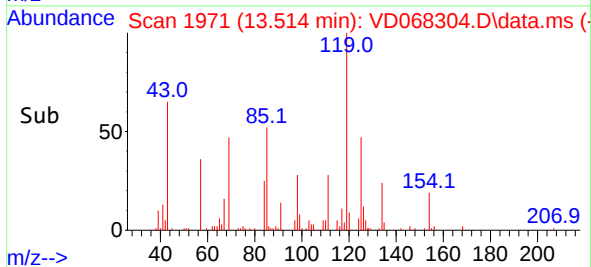
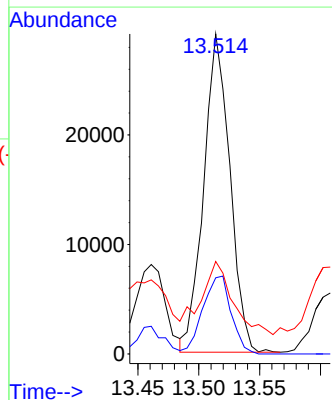
Tgt Ion:105 Resp: 84451
 Ion Ratio Lower Upper
 105 100
 134 32.4 10.3 30.9#

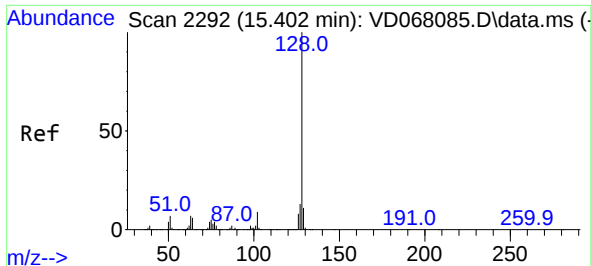


#86
 p-Isopropyltoluene
 Concen: 3.48 ug/l
 RT: 13.514 min Scan# 1971
 Delta R.T. 0.000 min
 Lab File: VD068304.D
 Acq: 05 Feb 2021 16:47



Tgt Ion:119 Resp: 43552
 Ion Ratio Lower Upper
 119 100
 134 26.5 12.9 38.7
 91 27.4 11.7 35.0





#95
Naphthalene
Concen: 17.68 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. -0.006 min
Lab File: VD068304.D
Acq: 05 Feb 2021 16:47

Instrument :
MSVOA_D
ClientSampleId :
R-ARE

Tgt Ion:128 Resp: 111725
Ion Ratio Lower Upper
128 100
127 15.0 10.2 15.2
129 11.2 8.8 13.2

