

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020321\
 Data File : VD068264.D
 Acq On : 03 Feb 2021 15:55
 Operator : VA/SY
 Sample : M1292-08
 Misc : 5.14G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OU421-003-1015

Quant Time: Feb 03 23:42:50 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)

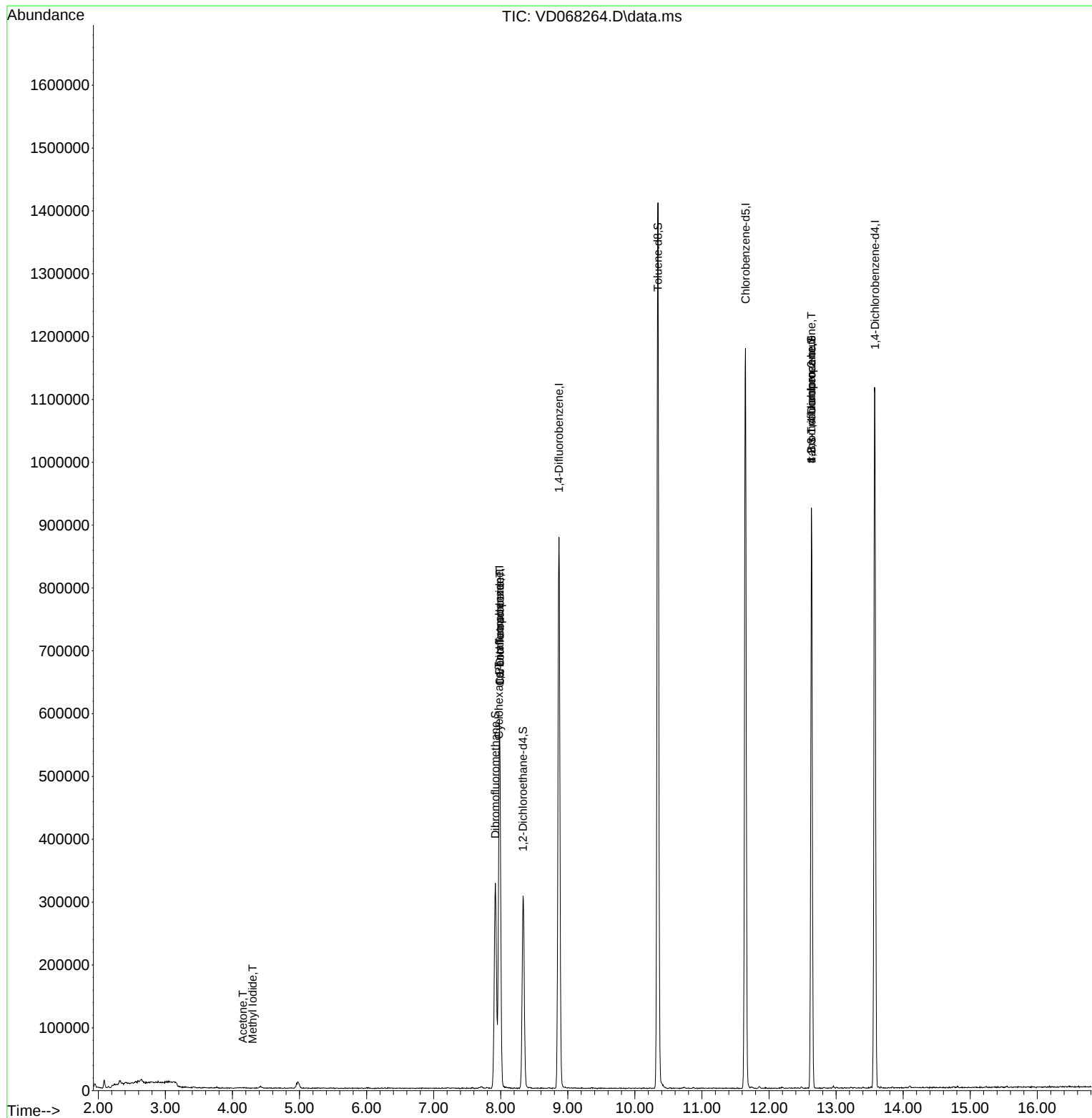
Internal Standards						
1) Pentafluorobenzene	7.979	168	441549	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	790298	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.650	117	708733	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	311716	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	241430	57.16	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.32%
35) Dibromofluoromethane	7.920	113	239336	54.78	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.56%
50) Toluene-d8	10.344	98	991031	56.71	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	113.42%
62) 4-Bromofluorobenzene	12.632	95	312881	49.71	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.42%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.303	142	253	3.20	ug/l #	38
11) Tert butyl alcohol	5.173	59	57	Below	Cal #	74
16) Acetone	4.156	43	1147	1.52	ug/l #	44
20) Methylene Chloride	4.973	84	8372	Below	Cal #	89
31) Cyclohexane	7.973	56	10132	1.11	ug/l #	24
36) 1,1-Dichloropropene	7.985	75	35135	4.41	ug/l #	47
38) Carbon Tetrachloride	7.985	117	43213	5.79	ug/l #	15
76) 1,2,3-Trichloropropane	12.632	75	159299	52.85	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	159299	106.95	ug/l #	13

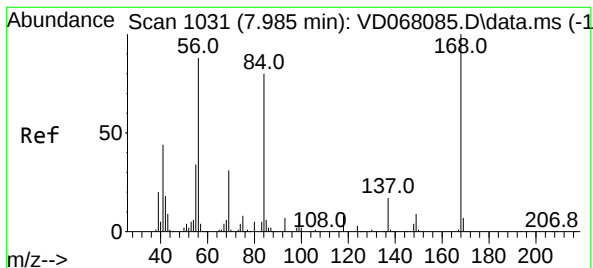
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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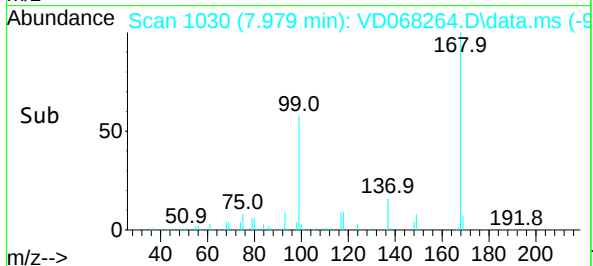
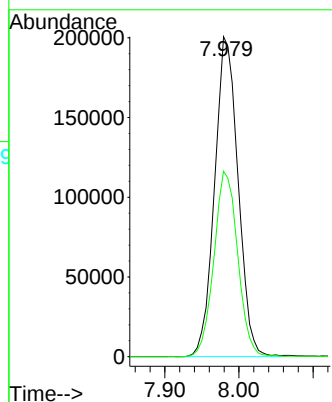
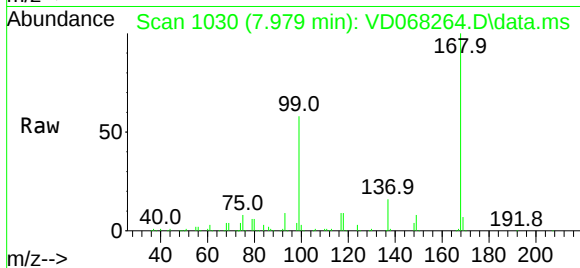




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068264.D
Acq: 03 Feb 2021 15:55

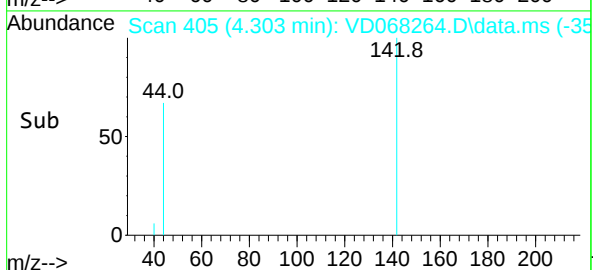
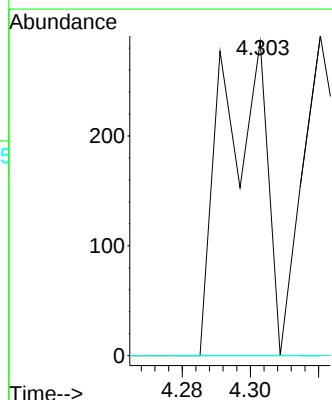
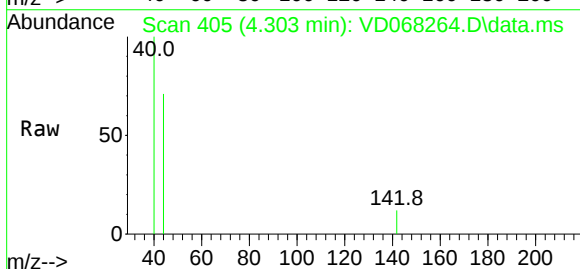
Instrument :
MSVOA_D
ClientSampleId :
OU421-003-1015

Tgt Ion:168 Resp: 441549
Ion Ratio Lower Upper
168 100
99 58.0 43.5 65.3



#10
Methyl Iodide
Concen: 3.20 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.005 min
Lab File: VD068264.D
Acq: 03 Feb 2021 15:55

Tgt Ion:142 Resp: 253
Ion Ratio Lower Upper
142 100
127 0.0 37.9 56.9#
141 0.0 11.5 17.3#



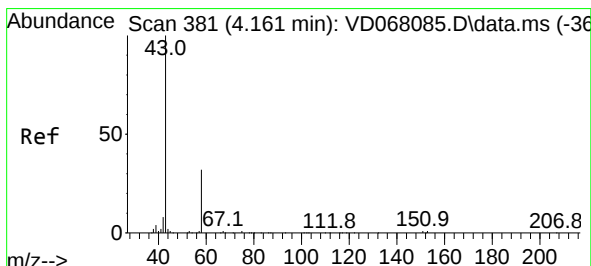
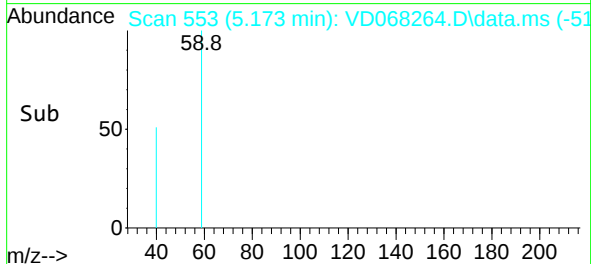
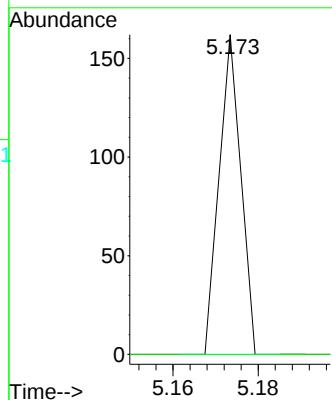
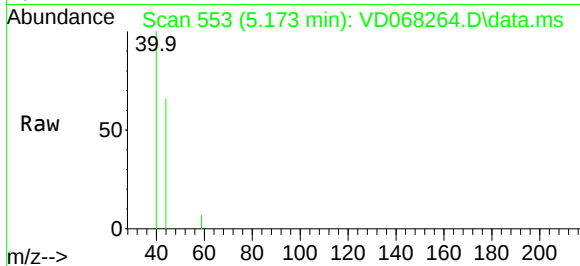


#11

Tert butyl alcohol
Concen: Below Cal
RT: 5.173 min Scan# 553
Delta R.T. -0.047 min
Lab File: VD068264.D
Acq: 03 Feb 2021 15:55

Instrument :
MSVOA_D
ClientSampleId :
OU421-003-1015

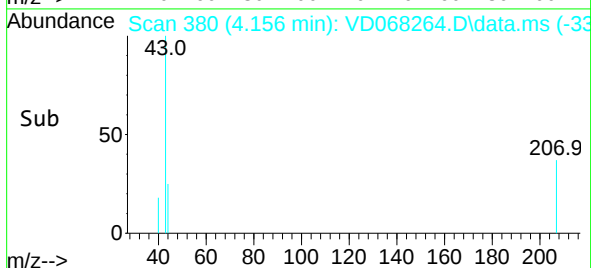
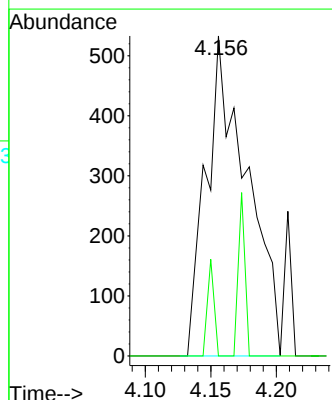
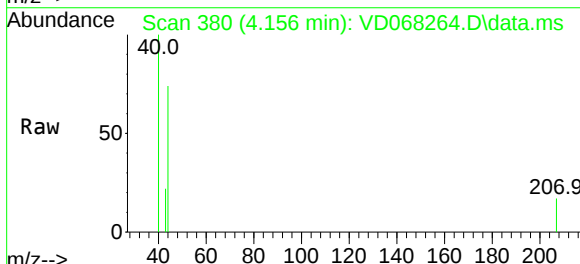
Tgt Ion: 59 Resp: 57
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#16

Acetone
Concen: 1.52 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD068264.D
Acq: 03 Feb 2021 15:55

Tgt Ion: 43 Resp: 1147
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.4#



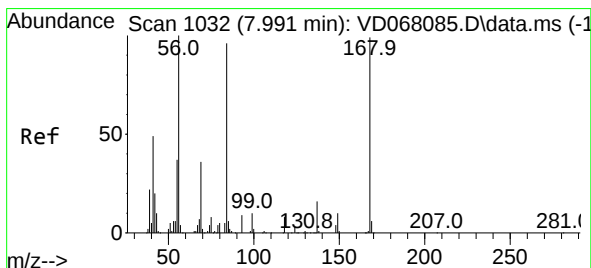
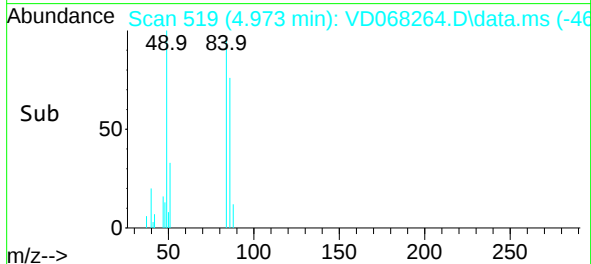
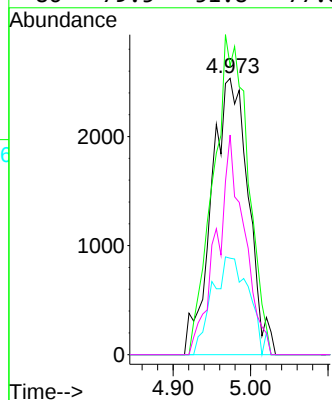
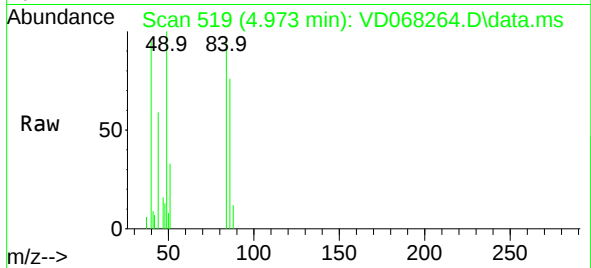


#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.000 min
Lab File: VD068264.D
Acq: 03 Feb 2021 15:55

Instrument :
MSVOA_D
ClientSampleId :
OU421-003-1015

Tgt Ion: 84 Resp: 8372

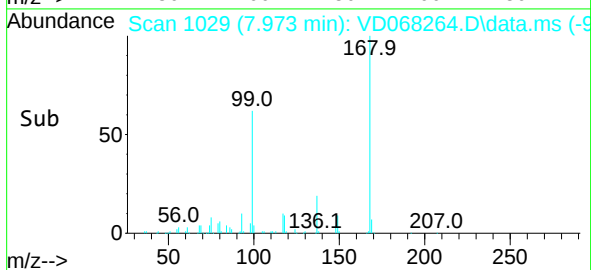
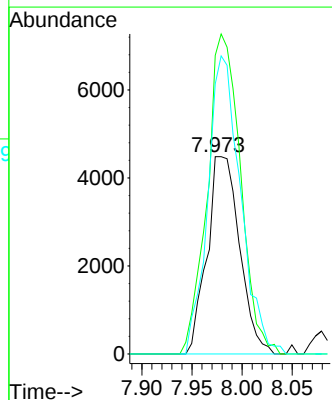
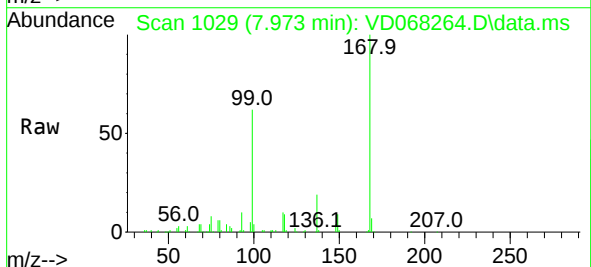
Ion	Ratio	Lower	Upper
84	100		
49	104.5	77.4	116.2
51	34.9	26.1	39.1
86	79.5	51.8	77.8#

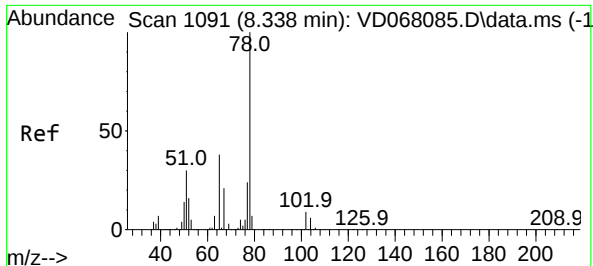


#31
Cyclohexane
Concen: 1.11 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.017 min
Lab File: VD068264.D
Acq: 03 Feb 2021 15:55

Tgt Ion: 56 Resp: 10132

Ion	Ratio	Lower	Upper
56	100		
69	151.3	30.1	45.1#
84	136.9	82.1	123.1#

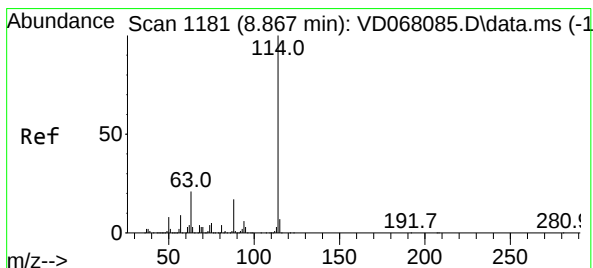
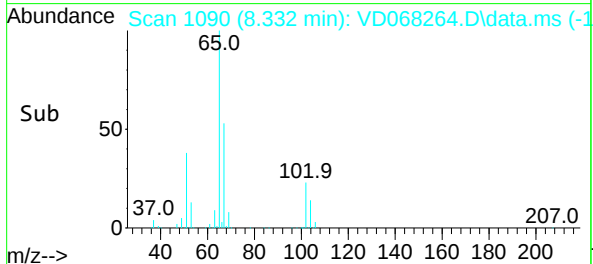
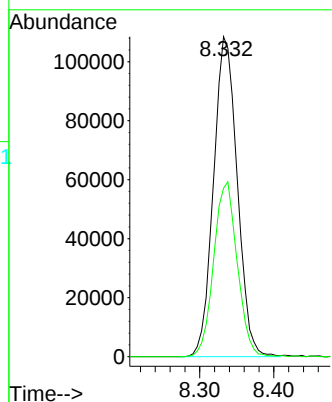
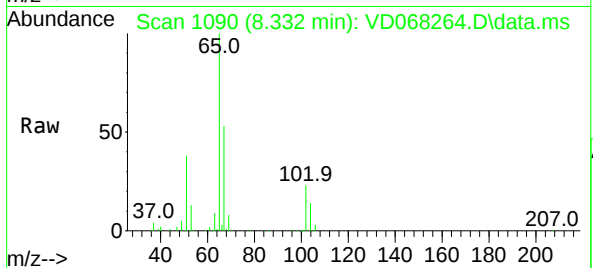




#33
1,2-Dichloroethane-d4
Concen: 57.16 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068264.D
Acq: 03 Feb 2021 15:55

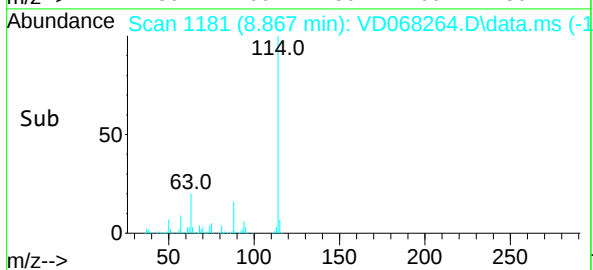
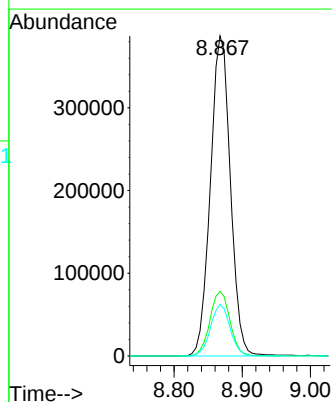
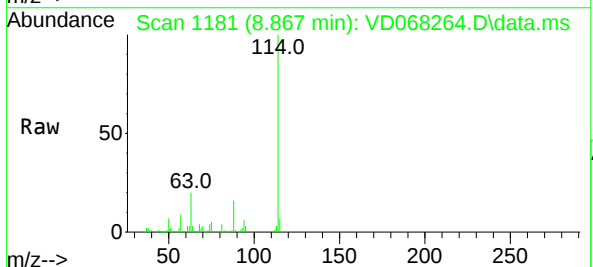
Instrument :
MSVOA_D
ClientSampleId :
OU421-003-1015

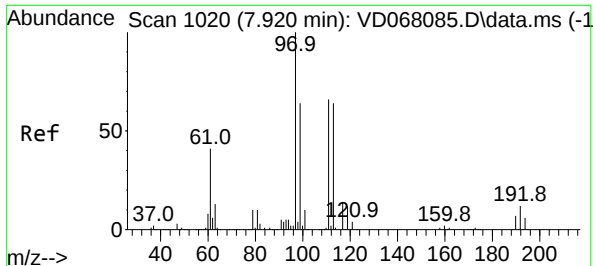
Tgt Ion: 65 Resp: 241430
Ion Ratio Lower Upper
65 100
67 54.1 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068264.D
Acq: 03 Feb 2021 15:55

Tgt Ion: 114 Resp: 790298
Ion Ratio Lower Upper
114 100
63 20.2 0.0 34.8
88 16.2 0.0 31.6





#35

Dibromofluoromethane

Concen: 54.78 ug/l

RT: 7.920 min Scan# 1020

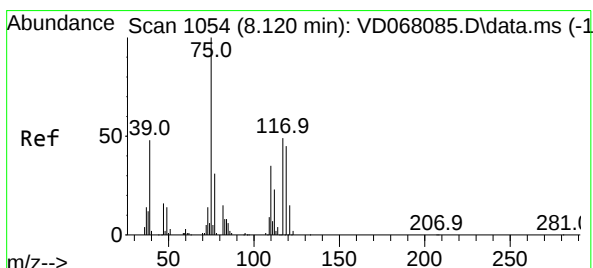
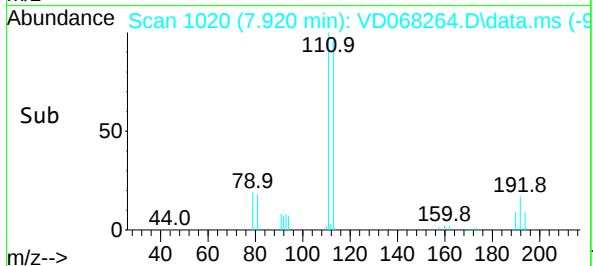
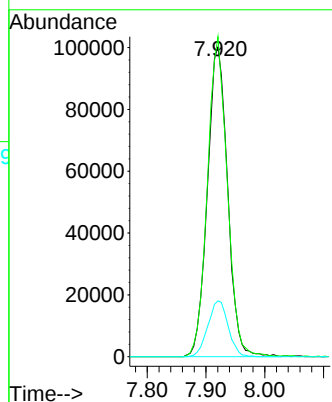
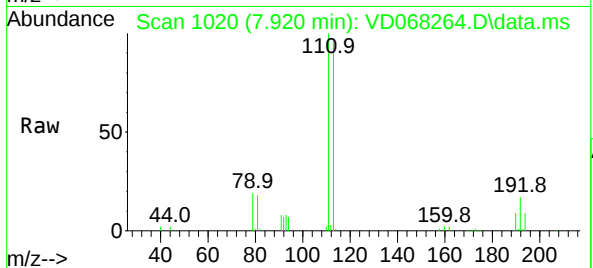
Delta R.T. 0.000 min

Lab File: VD068264.D

Acq: 03 Feb 2021 15:55

Tgt Ion:	113	Resp:	239336
Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.4	122.0
192	18.1	16.1	24.1

Instrument :
MSVOA_D
ClientSampleId :
OU421-003-1015



#36

1,1-Dichloropropene

Concen: 4.41 ug/l

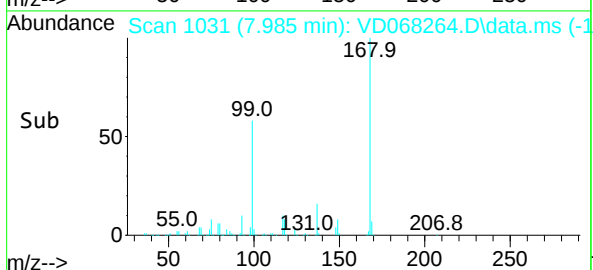
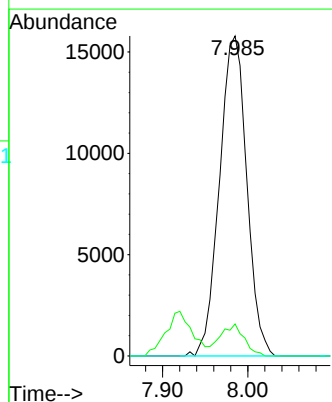
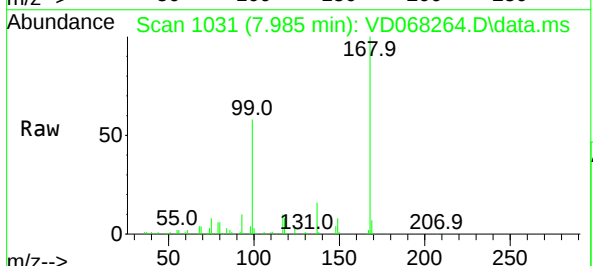
RT: 7.985 min Scan# 1031

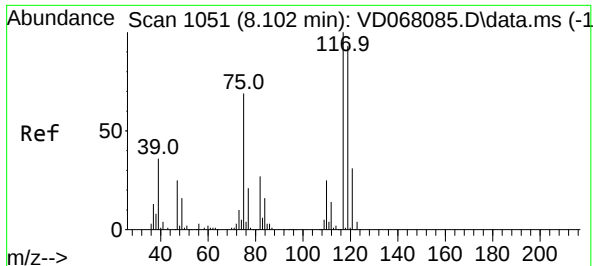
Delta R.T. -0.135 min

Lab File: VD068264.D

Acq: 03 Feb 2021 15:55

Tgt Ion:	75	Resp:	35135
Ion	Ratio	Lower	Upper
75	100		
110	8.6	19.4	58.2#
77	0.0	25.3	37.9#

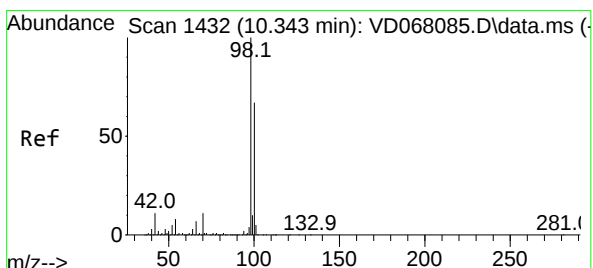
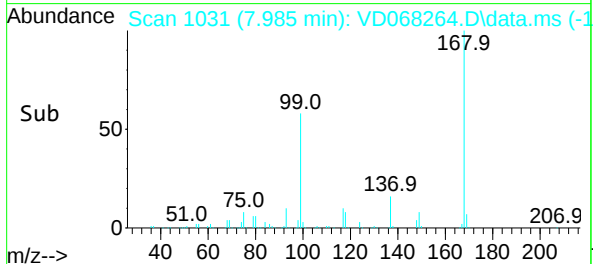
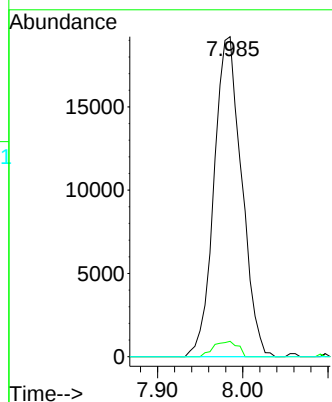
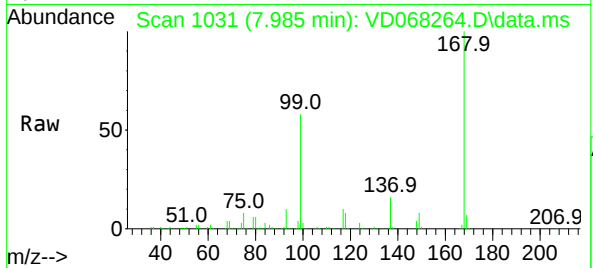




#38
Carbon Tetrachloride
Concen: 5.79 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.117 min
Lab File: VD068264.D
Acq: 03 Feb 2021 15:55

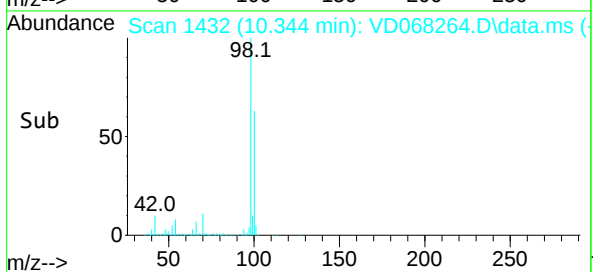
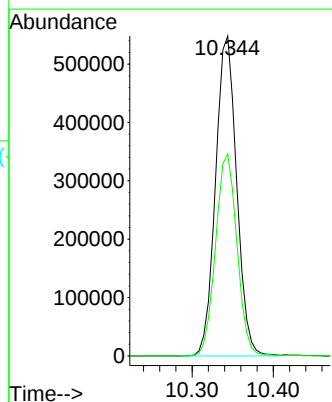
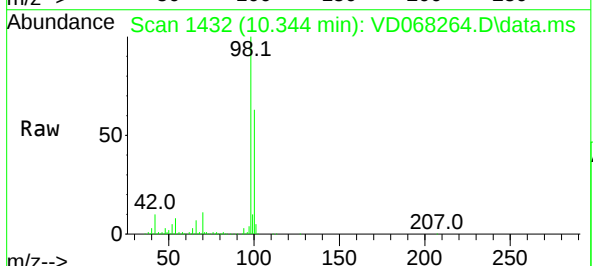
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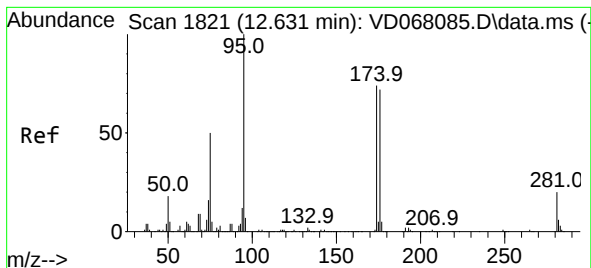
Tgt Ion:117 Resp: 43213
Ion Ratio Lower Upper
117 100
119 4.8 77.3 115.9#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 56.71 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068264.D
Acq: 03 Feb 2021 15:55

Tgt Ion: 98 Resp: 991031
Ion Ratio Lower Upper
98 100
100 64.2 53.0 79.4

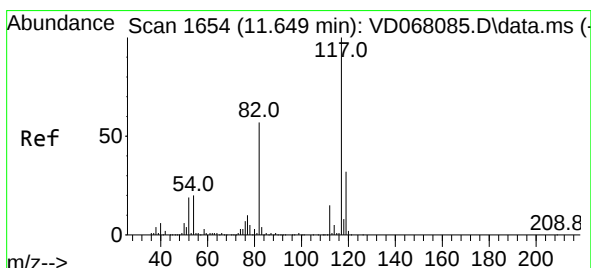
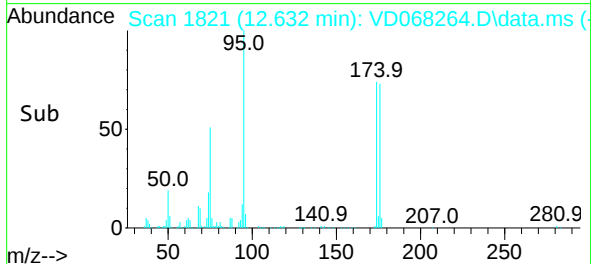
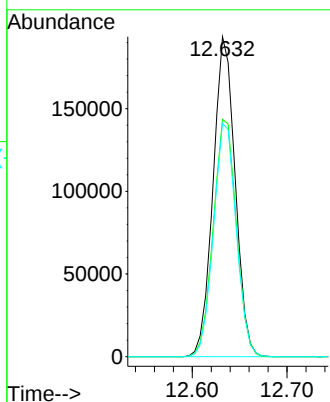
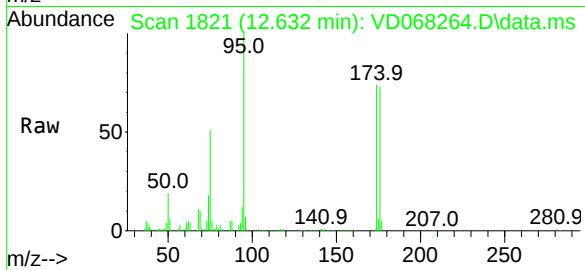




#62
4-Bromofluorobenzene
Concen: 49.71 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068264.D
Acq: 03 Feb 2021 15:55

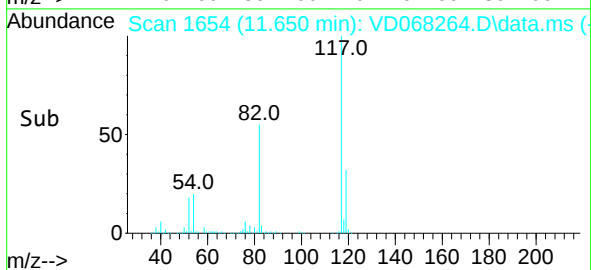
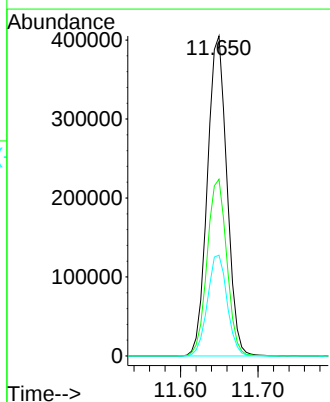
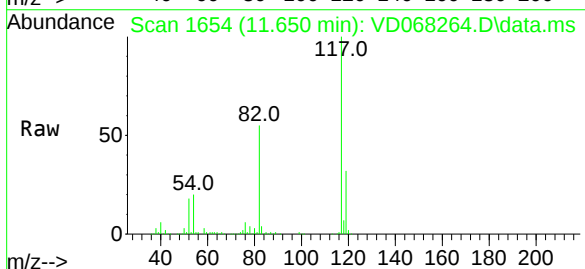
Instrument :
MSVOA_D
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OU421-003-1015

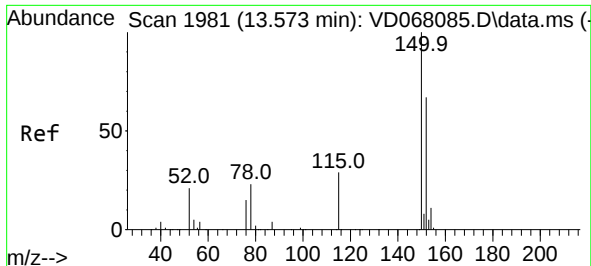
Tgt Ion: 95 Resp: 312881
Ion Ratio Lower Upper
95 100
174 77.9 0.0 172.4
176 75.1 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.650 min Scan# 1654
Delta R.T. 0.001 min
Lab File: VD068264.D
Acq: 03 Feb 2021 15:55

Tgt Ion: 117 Resp: 708733
Ion Ratio Lower Upper
117 100
82 55.3 41.4 62.0
119 31.5 26.1 39.1

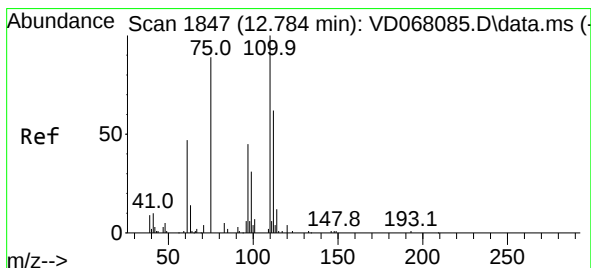
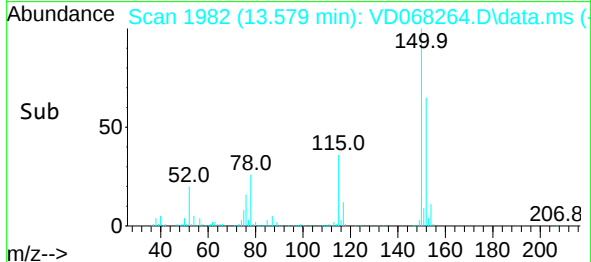
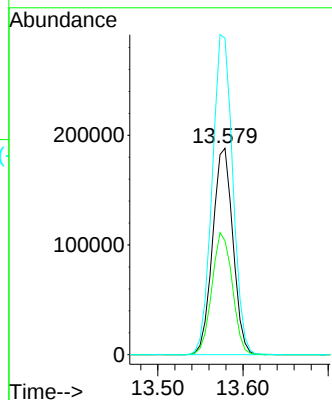
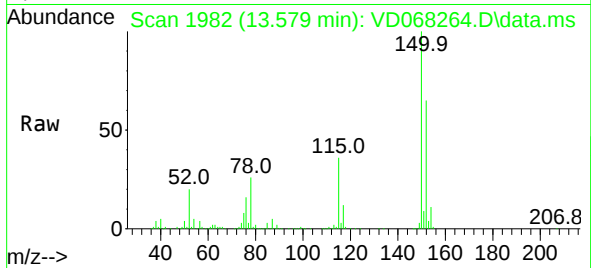




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.006 min
Lab File: VD068264.D
Acq: 03 Feb 2021 15:55

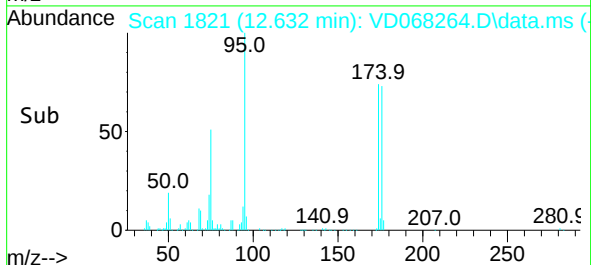
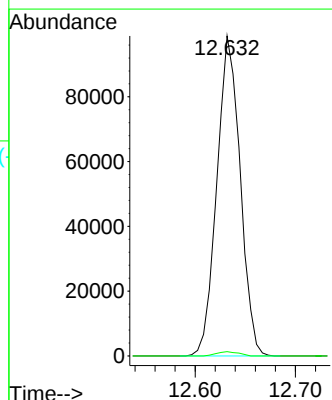
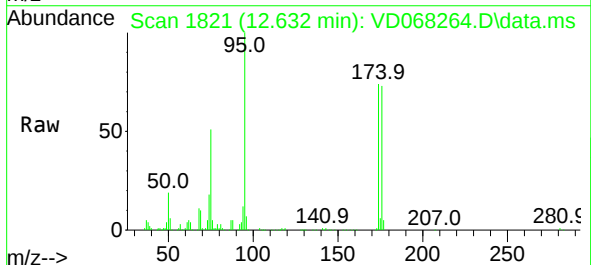
Instrument :
MSVOA_D
ClientSampleId :
OU421-003-1015

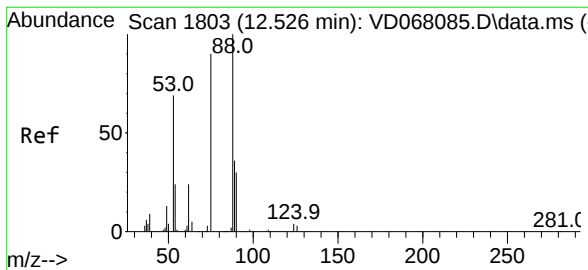
Tgt Ion:152 Resp: 311716
Ion Ratio Lower Upper
152 100
115 59.2 28.9 86.8
150 157.1 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 52.85 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068264.D
Acq: 03 Feb 2021 15:55

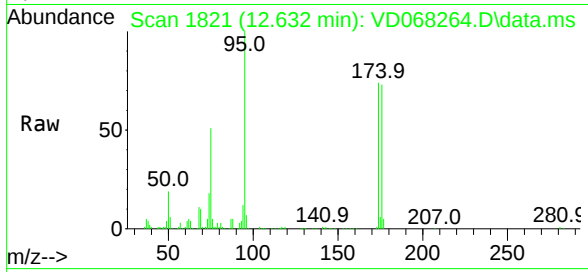
Tgt Ion: 75 Resp: 159299
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 106.95 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068264.D
 Acq: 03 Feb 2021 15:55

Instrument :
 MSVOA_D
 ClientSampleId :
 OU421-003-1015



Tgt Ion: 75 Resp: 159299
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.2 105.2#
 89 0.0 40.3 60.5#

