

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012121\
 Data File : VD068132.D
 Acq On : 21 Jan 2021 14:58
 Operator : VA/SY
 Sample : M1153-02
 Misc : 7.45G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-PS-01-068

Quant Time: Jan 22 00:09:29 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)

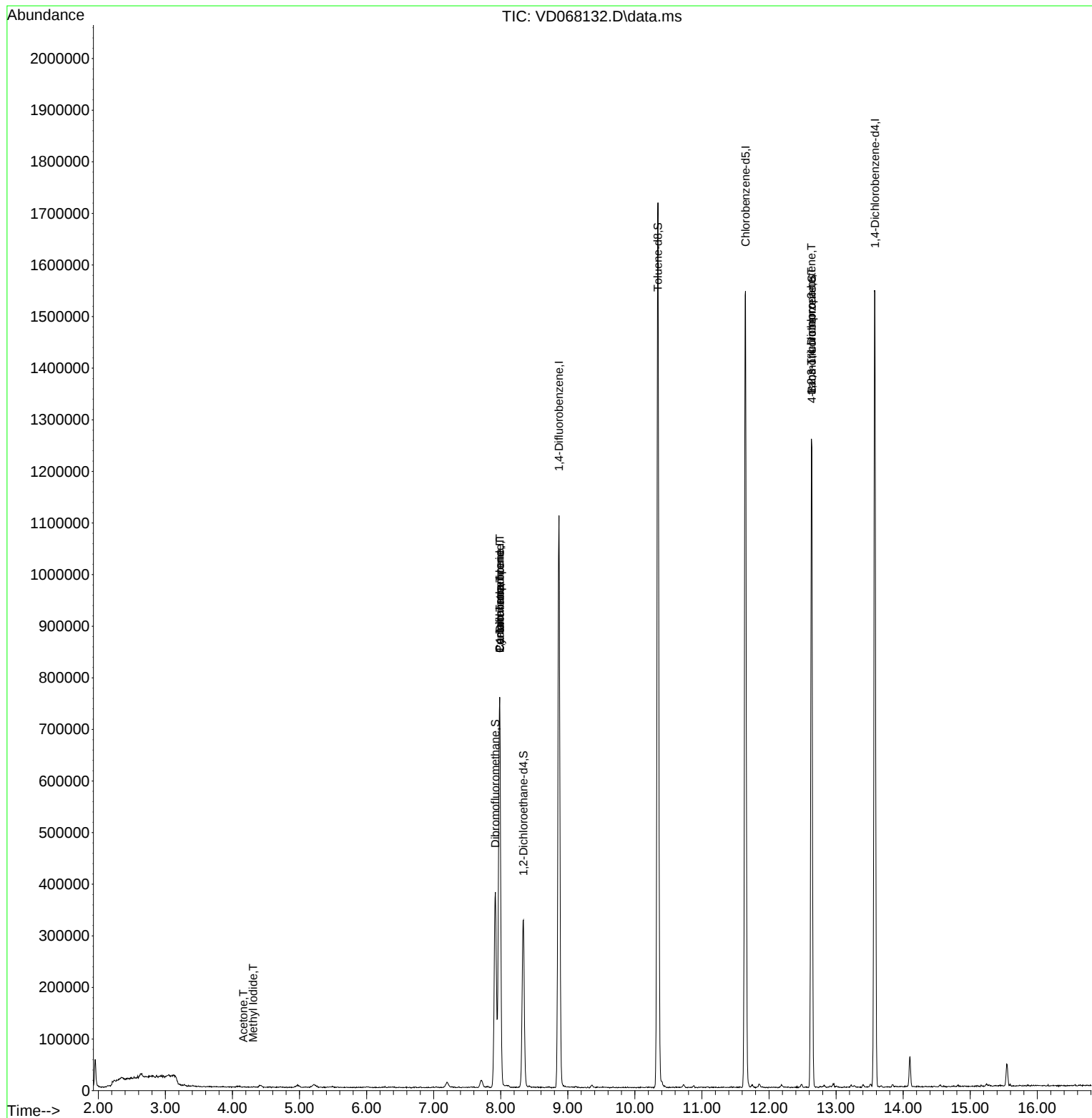
Internal Standards						
1) Pentafluorobenzene	7.985	168	576254	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	966527	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.650	117	937242	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	425934	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	264762	48.03	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.06%
35) Dibromofluoromethane	7.920	113	276816	51.80	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.60%
50) Toluene-d8	10.344	98	1209467	56.59	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	113.18%
62) 4-Bromofluorobenzene	12.638	95	443917	57.67	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	115.34%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.309	142	466	3.22	ug/l #	68
11) Tert butyl alcohol	5.220	59	6363	Below	Cal #	72
16) Acetone	4.162	43	2381	2.42	ug/l	92
20) Methylene Chloride	4.968	84	3813	Below	Cal #	79
31) Cyclohexane	7.985	56	13408	1.12	ug/l #	11
36) 1,1-Dichloropropene	7.985	75	46409	4.76	ug/l #	47
38) Carbon Tetrachloride	7.985	117	58805	6.45	ug/l #	15
76) 1,2,3-Trichloropropane	12.632	75	221785	53.85	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	221785	108.97	ug/l #	13

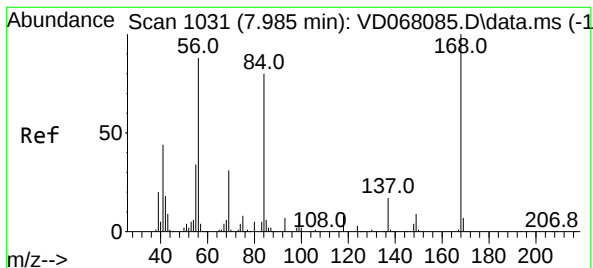
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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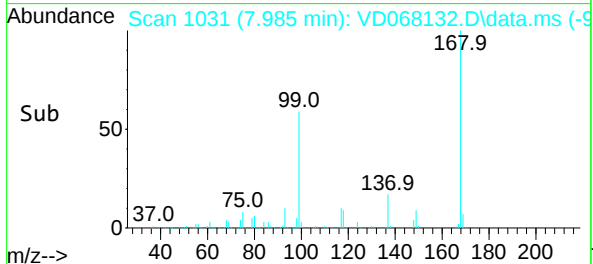
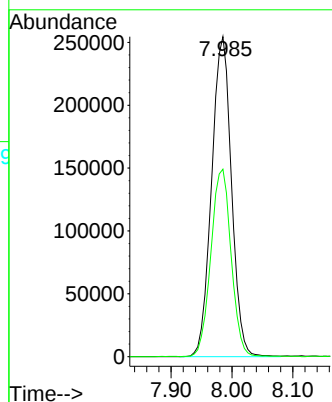
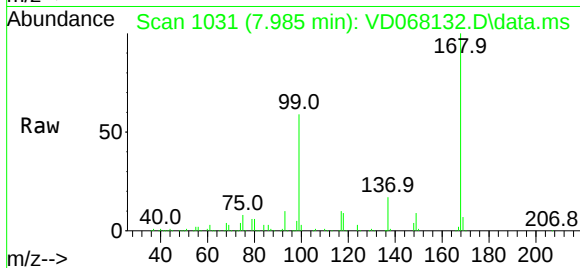




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD068132.D
Acq: 21 Jan 2021 14:58

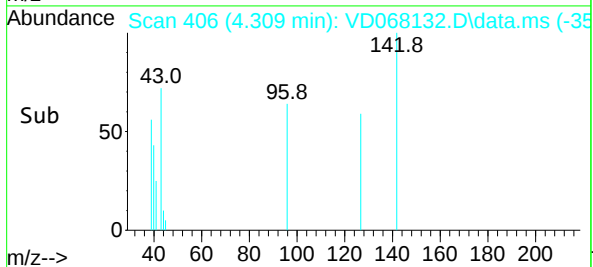
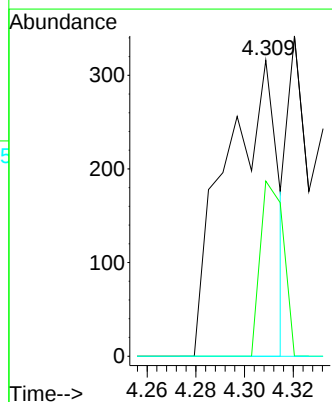
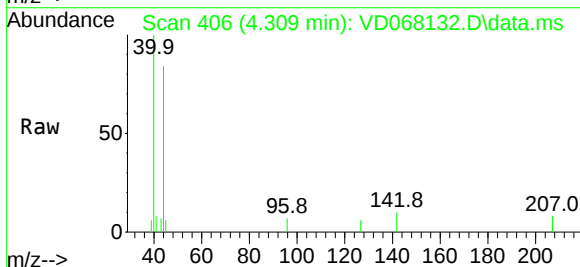
Instrument :
MSVOA_D
ClientSampleId :
FK-PS-01-068

Tgt Ion:168 Resp: 576254
Ion Ratio Lower Upper
168 100
99 58.6 43.5 65.3



#10
Methyl Iodide
Concen: 3.22 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.001 min
Lab File: VD068132.D
Acq: 21 Jan 2021 14:58

Tgt Ion:142 Resp: 466
Ion Ratio Lower Upper
142 100
127 26.6 37.9 56.9#
141 0.0 11.5 17.3#

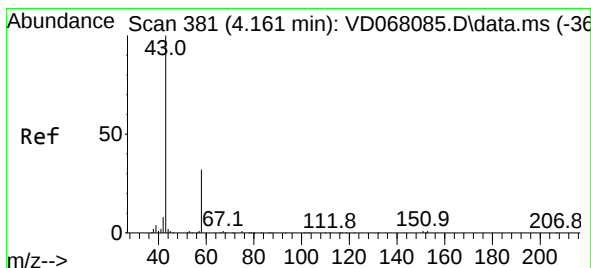
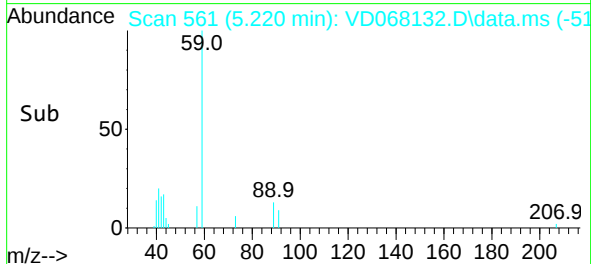
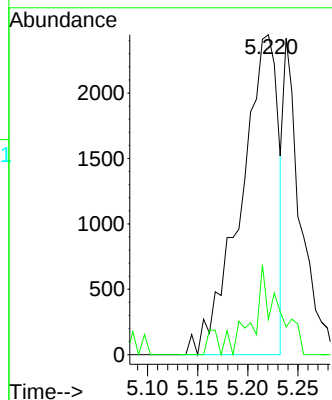
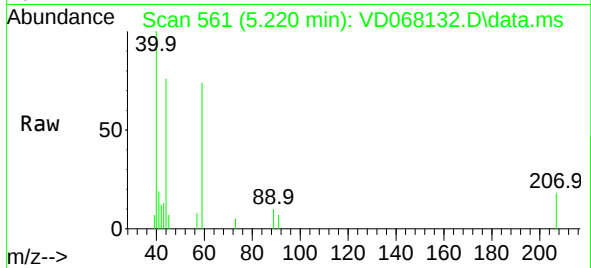




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.220 min Scan# 561
Delta R.T. 0.000 min
Lab File: VD068132.D
Acq: 21 Jan 2021 14:58

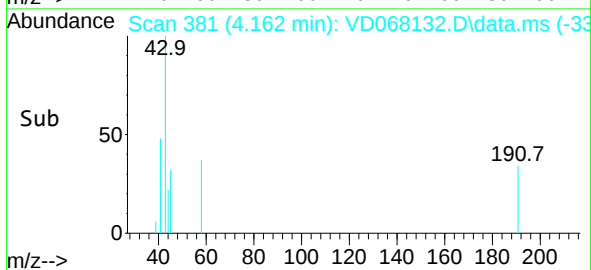
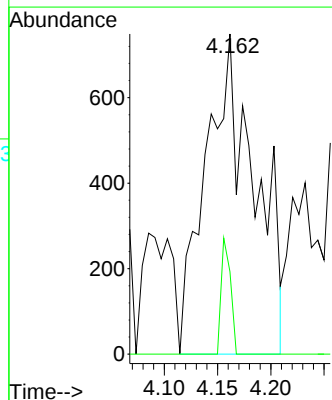
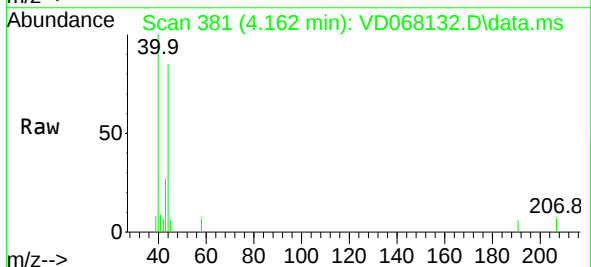
Instrument :
MSVOA_D
ClientSampleId :
FK-PS-01-068

Tgt Ion: 59 Resp: 6363
Ion Ratio Lower Upper
59 100
57 19.5 7.4 11.2#



#16
Acetone
Concen: 2.42 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068132.D
Acq: 21 Jan 2021 14:58

Tgt Ion: 43 Resp: 2381
Ion Ratio Lower Upper
43 100
58 25.8 24.2 36.4

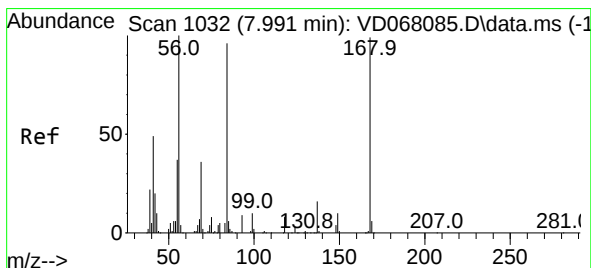
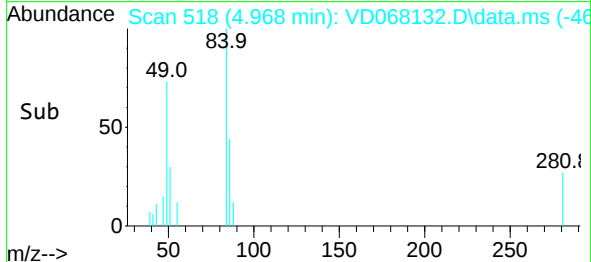
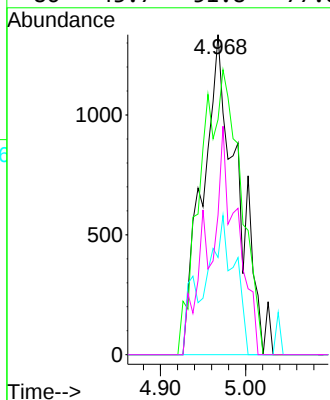
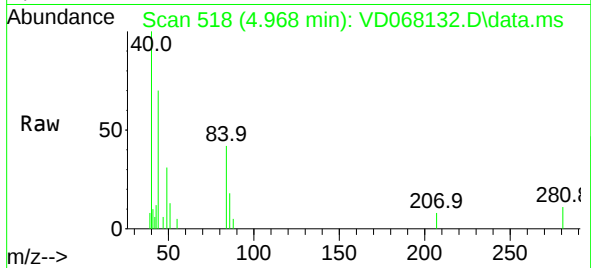




#20
Methylene Chloride
Concen: Below Cal
RT: 4.968 min Scan# 518
Delta R.T. -0.005 min
Lab File: VD068132.D
Acq: 21 Jan 2021 14:58

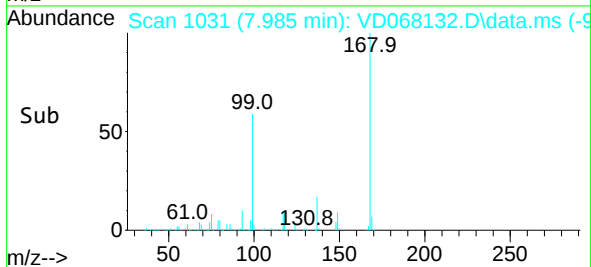
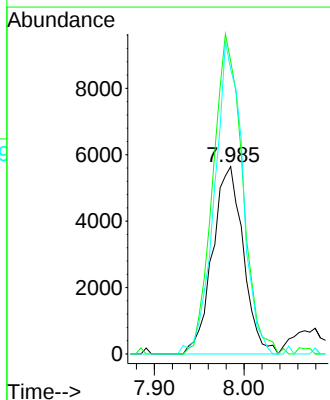
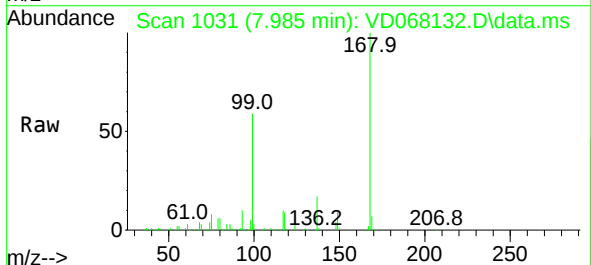
Instrument :
MSVOA_D
ClientSampleID :
FK-PS-01-068

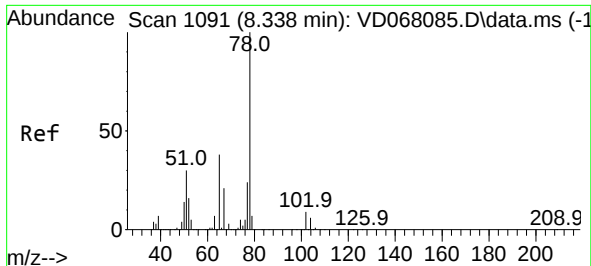
Tgt Ion:	84	Resp:	3813
Ion	Ratio	Lower	Upper
84	100		
49	73.5	77.4	116.2#
51	30.4	26.1	39.1
86	43.7	51.8	77.8#



#31
Cyclohexane
Concen: 1.12 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.005 min
Lab File: VD068132.D
Acq: 21 Jan 2021 14:58

Tgt Ion:	56	Resp:	13408
Ion	Ratio	Lower	Upper
56	100		
69	156.2	30.1	45.1#
84	151.9	82.1	123.1#

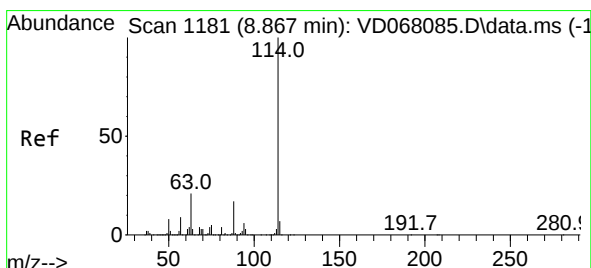
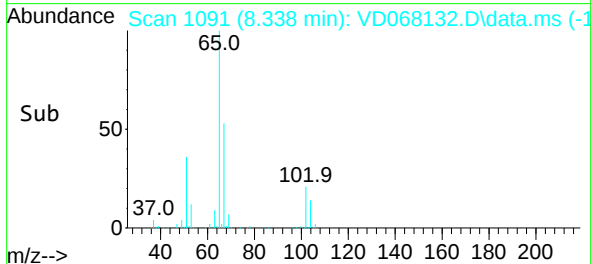
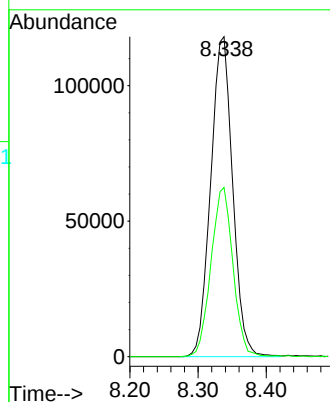
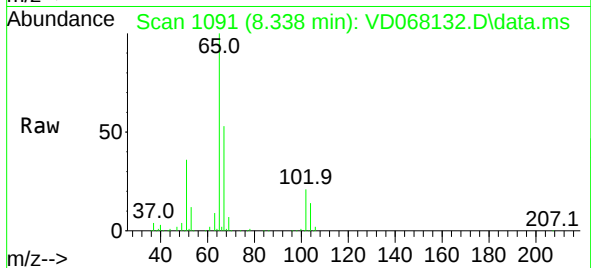




#33
 1,2-Dichloroethane-d4
 Concen: 48.03 ug/l
 RT: 8.338 min Scan# 1091
 Delta R.T. 0.000 min
 Lab File: VD068132.D
 Acq: 21 Jan 2021 14:58

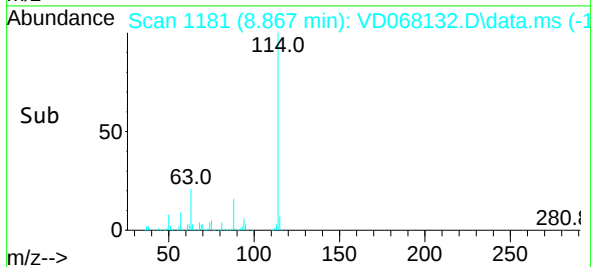
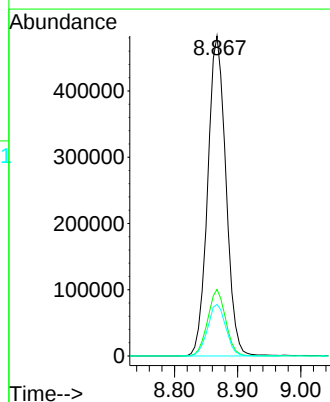
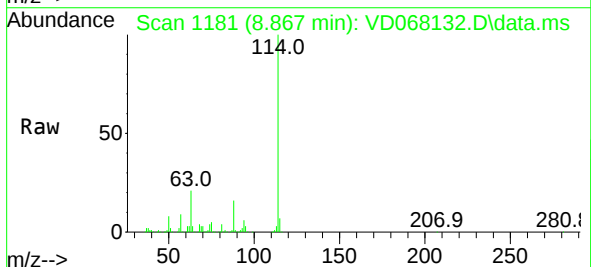
Instrument :
 MSVOA_D
 ClientSampleId :
 FK-PS-01-068

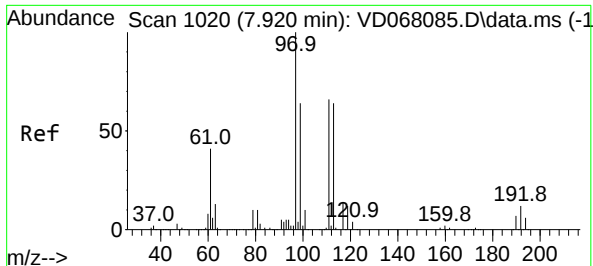
Tgt Ion: 65 Resp: 264762
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.867 min Scan# 1181
 Delta R.T. 0.000 min
 Lab File: VD068132.D
 Acq: 21 Jan 2021 14:58

Tgt Ion: 114 Resp: 966527
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 34.8
 88 16.1 0.0 31.6





#35

Dibromofluoromethane

Concen: 51.80 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068132.D

Acq: 21 Jan 2021 14:58

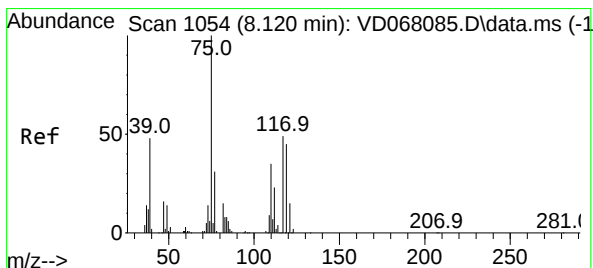
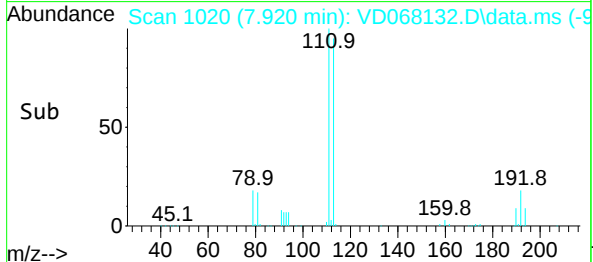
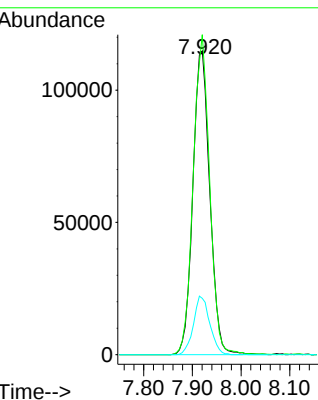
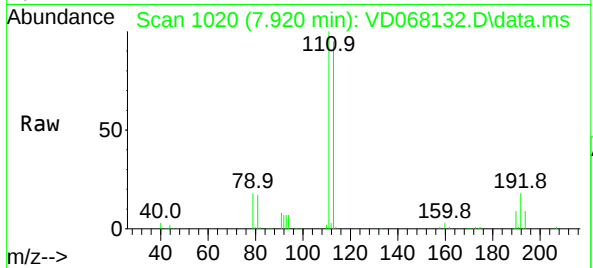
Tgt Ion:113 Resp: 276816

Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.0

192 18.5 16.1 24.1



#36

1,1-Dichloropropene

Concen: 4.76 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.135 min

Lab File: VD068132.D

Acq: 21 Jan 2021 14:58

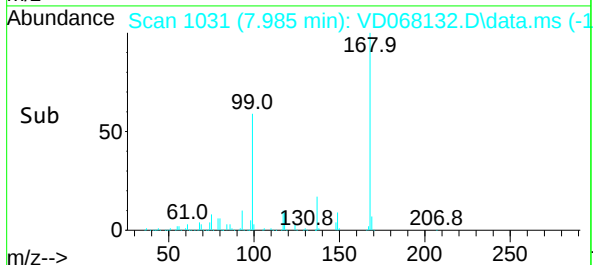
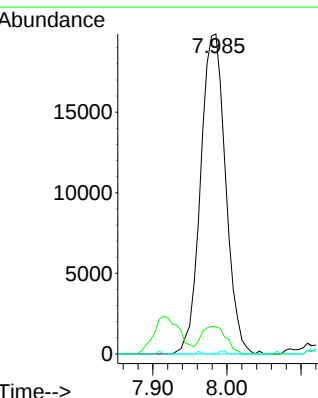
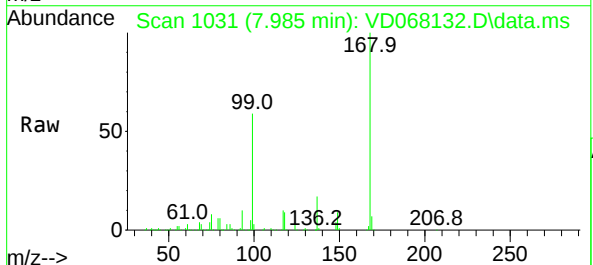
Tgt Ion: 75 Resp: 46409

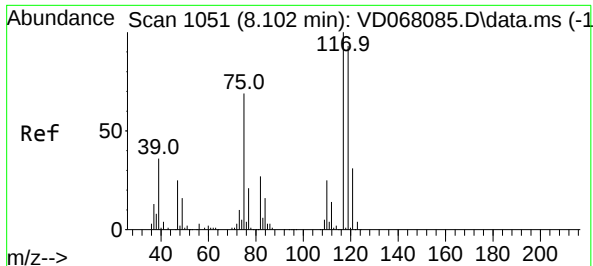
Ion Ratio Lower Upper

75 100

110 8.6 19.4 58.2#

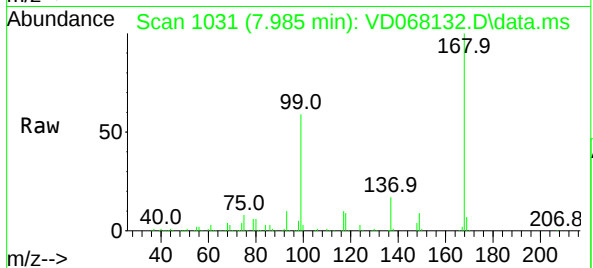
77 0.3 25.3 37.9#



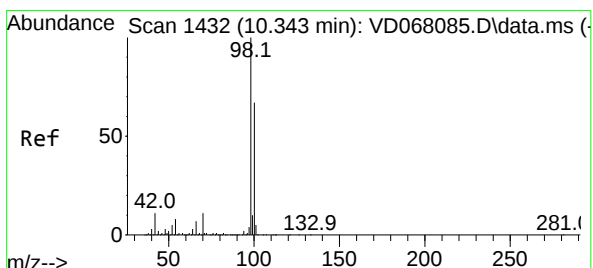
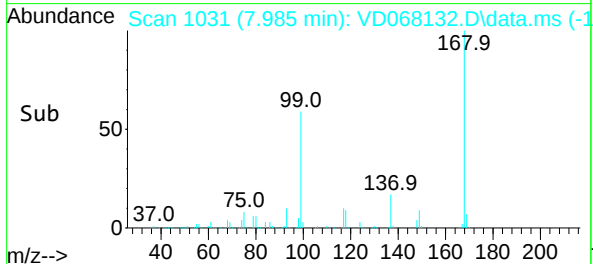
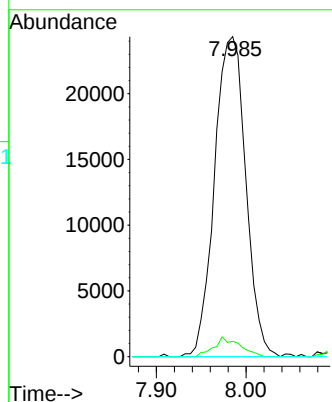


#38
Carbon Tetrachloride
Concen: 6.45 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.117 min
Lab File: VD068132.D
Acq: 21 Jan 2021 14:58

Instrument :
MSVOA_D
ClientSampleId :
FK-PS-01-068

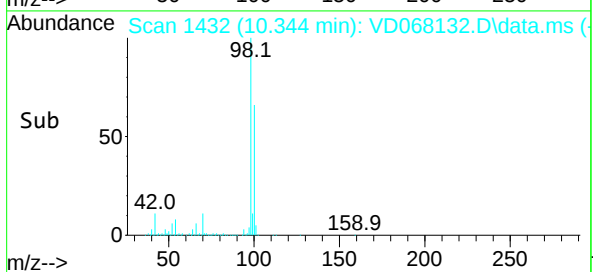
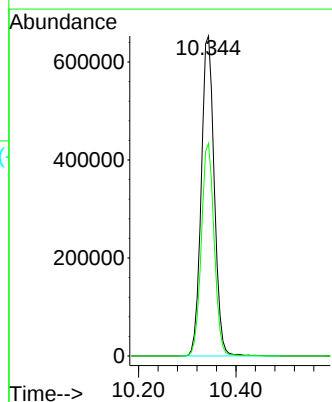
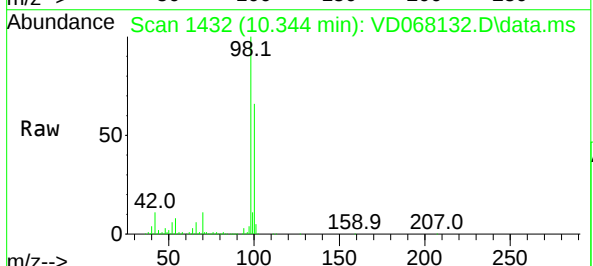


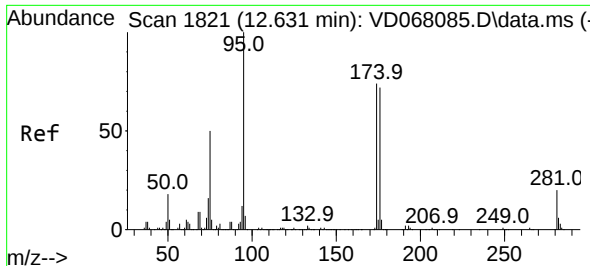
Tgt Ion:117 Resp: 58805
Ion Ratio Lower Upper
117 100
119 4.8 77.3 115.9#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 56.59 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068132.D
Acq: 21 Jan 2021 14:58

Tgt Ion: 98 Resp: 1209467
Ion Ratio Lower Upper
98 100
100 65.8 53.0 79.4

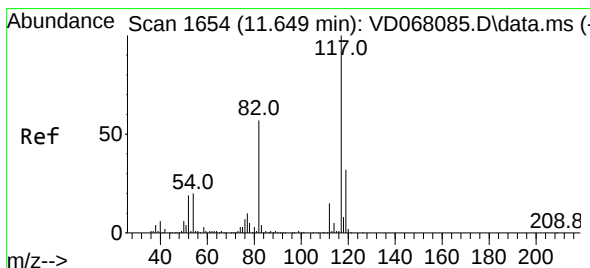
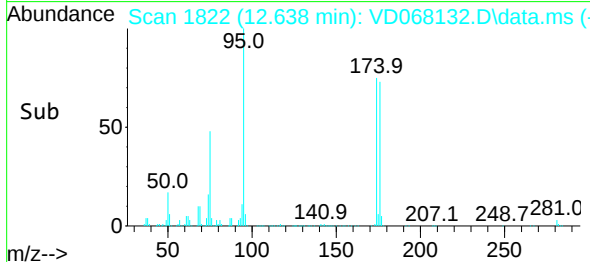
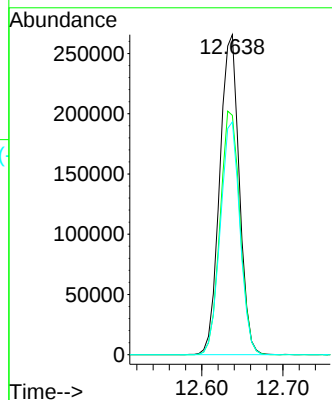
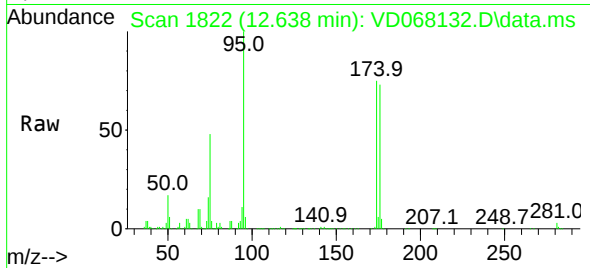




#62
4-Bromofluorobenzene
Concen: 57.67 ug/l
RT: 12.638 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VD068132.D
Acq: 21 Jan 2021 14:58

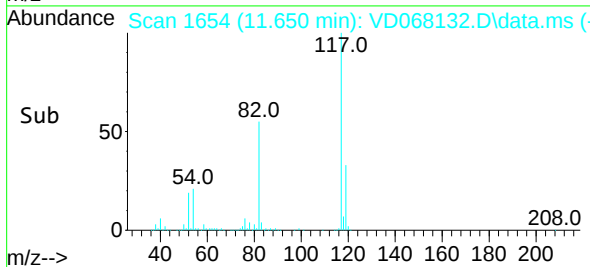
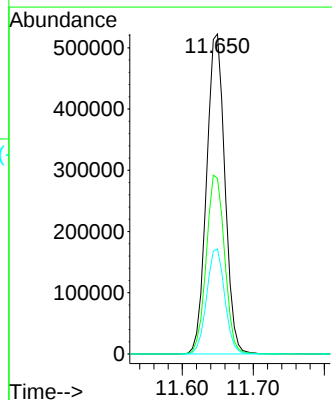
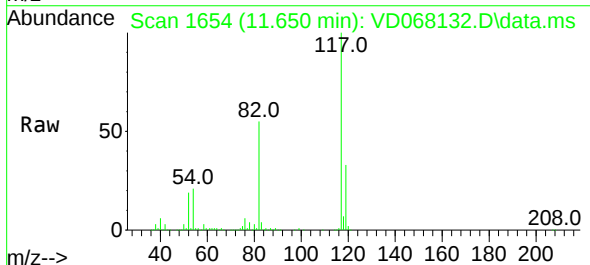
Instrument :
MSVOA_D
ClientSampleId :
FK-PS-01-068

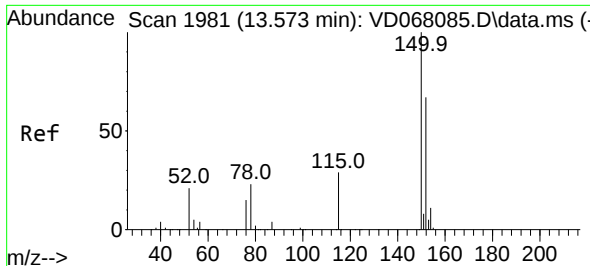
Tgt Ion: 95 Resp: 443917
Ion Ratio Lower Upper
95 100
174 77.4 0.0 172.4
176 73.1 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.650 min Scan# 1654
Delta R.T. 0.001 min
Lab File: VD068132.D
Acq: 21 Jan 2021 14:58

Tgt Ion: 117 Resp: 937242
Ion Ratio Lower Upper
117 100
82 54.9 41.4 62.0
119 32.9 26.1 39.1

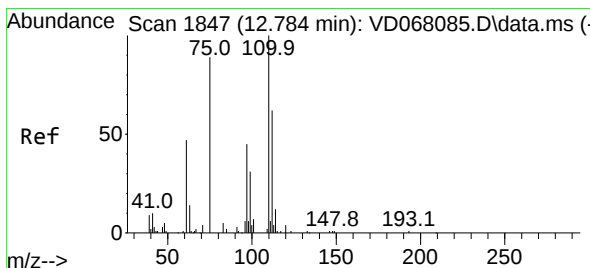
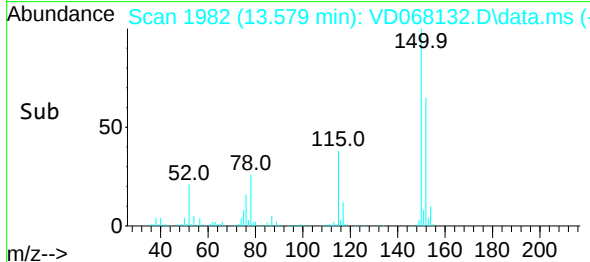
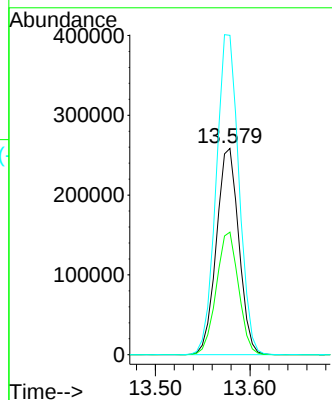
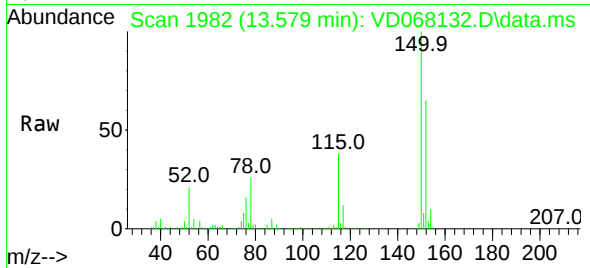




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.006 min
Lab File: VD068132.D
Acq: 21 Jan 2021 14:58

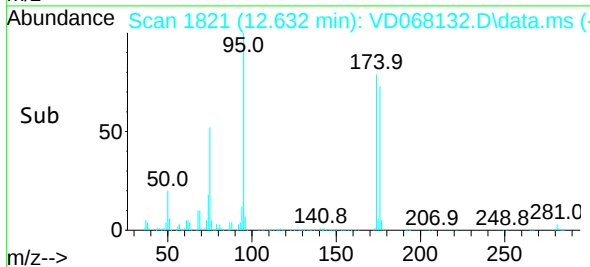
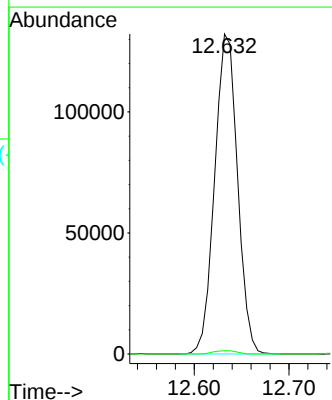
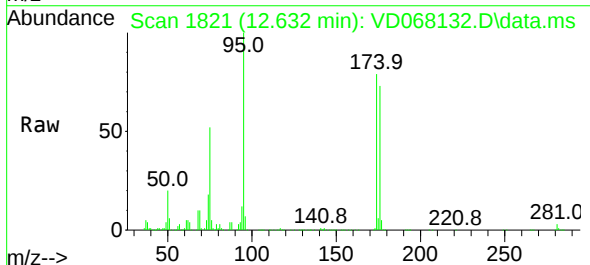
Instrument :
MSVOA_D
ClientSampleId :
FK-PS-01-068

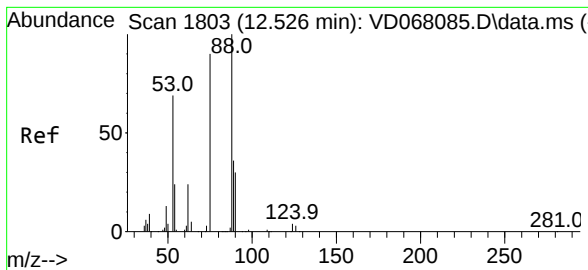
Tgt Ion:152 Resp: 425934
Ion Ratio Lower Upper
152 100
115 59.0 28.9 86.8
150 157.4 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 53.85 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068132.D
Acq: 21 Jan 2021 14:58

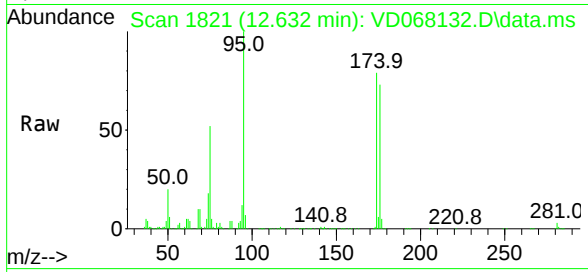
Tgt Ion: 75 Resp: 221785
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 108.97 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068132.D
 Acq: 21 Jan 2021 14:58

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-PS-01-068



Tgt Ion: 75 Resp: 221785
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.2 105.2#
 89 0.0 40.3 60.5#

