

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032823\
 Data File : VX034799.D
 Acq On : 28 Mar 2023 17:36
 Operator : JC/MD
 Sample : 02073-01
 Misc : 5.07g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRE-1715ME

Quant Time: Mar 28 18:12:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

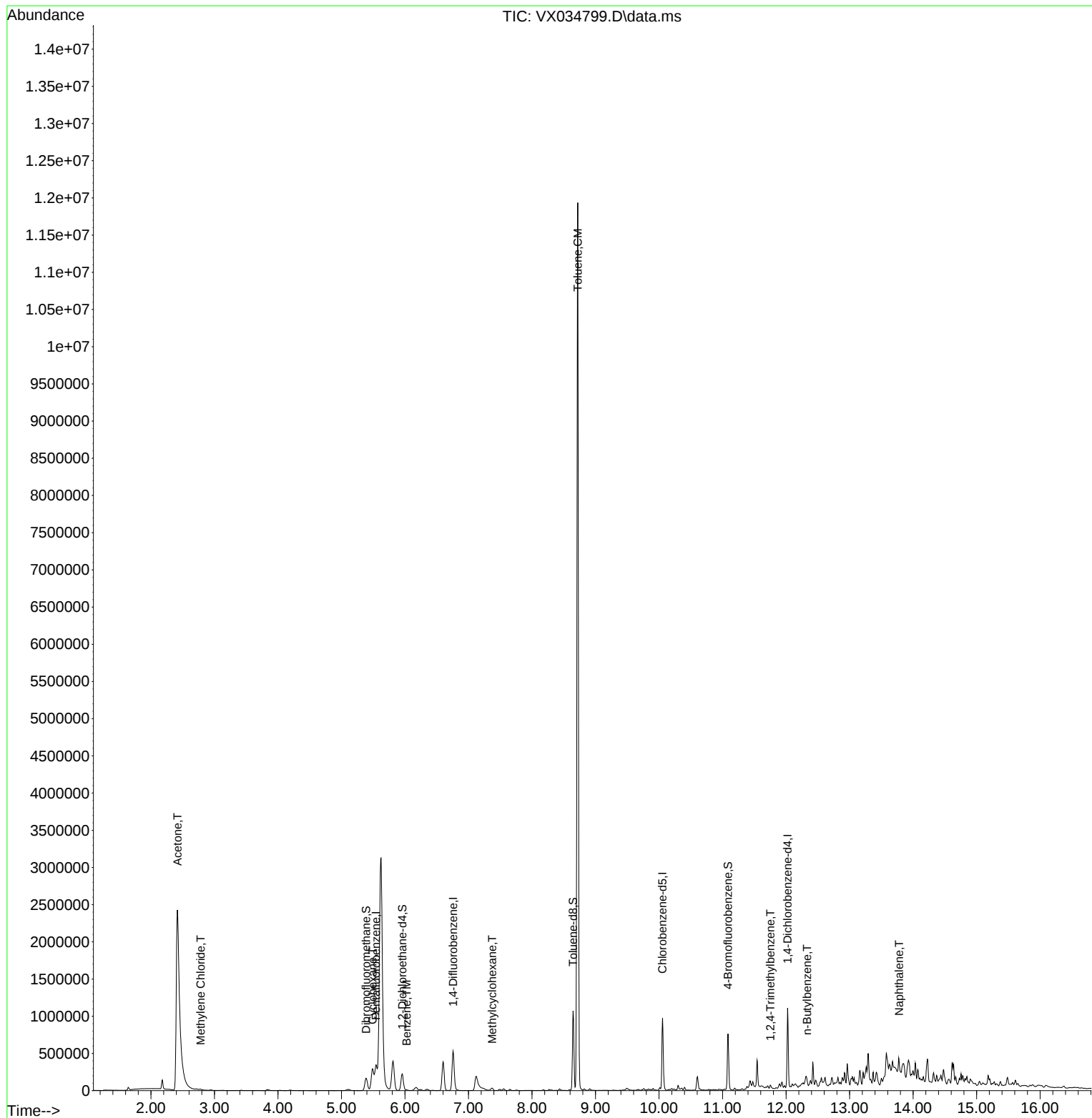
Internal Standards						
1) Pentafluorobenzene	5.544	168	310410	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	529805	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	458871	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	216376	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	225938	50.032	ug/l	0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.060%
35) Dibromofluoromethane	5.385	113	150718	43.087	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	86.180%
50) Toluene-d8	8.647	98	629907	48.238	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.480%
62) 4-Bromofluorobenzene	11.085	95	232986	44.172	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.340%
Target Compounds						
16) Acetone	2.416	43	6120956	2877.489	ug/l	Qvalue 97
20) Methylene Chloride	2.782	84	4661	1.129	ug/l	94
31) Cyclohexane	5.489	56	68281	10.781	ug/l #	42
39) Methylcyclohexane	7.373	83	13937	2.168	ug/l	98
40) Benzene	6.025	78	6404	0.407	ug/l	91
52) Toluene	8.720	92	4480586	460.459	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	19915	1.389	ug/l	99
89) n-Butylbenzene	12.329	91	17244	1.335	ug/l #	57
95) Naphthalene	13.780	128	158733	9.963	ug/l	97

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

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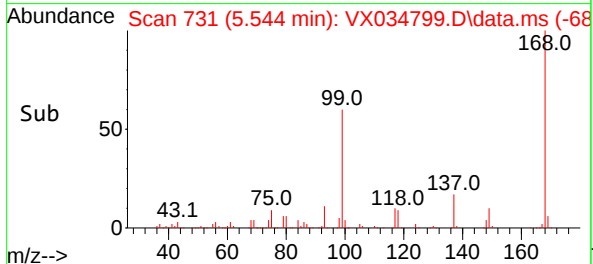
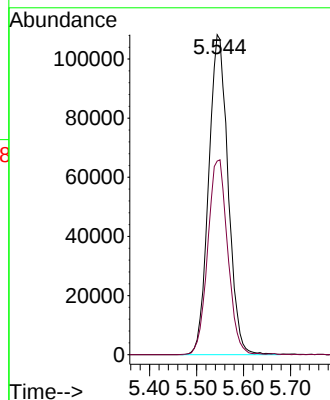
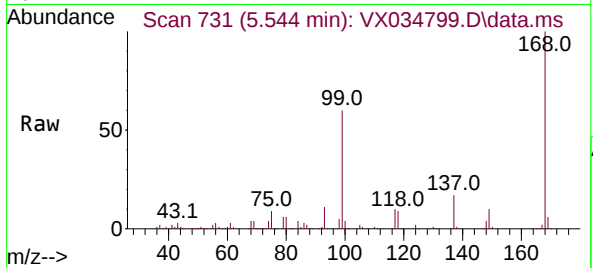




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX034799.D
Acq: 28 Mar 2023 17:36

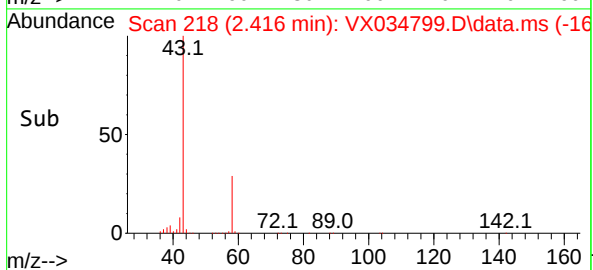
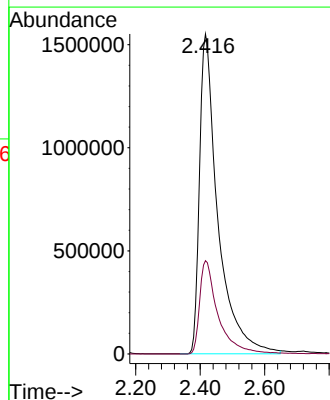
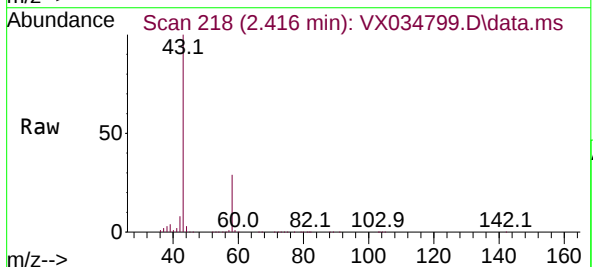
Instrument :
MSVOA_X
ClientSampleId :
TRE-1715ME

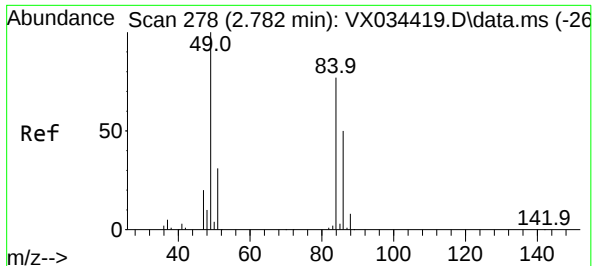
Tgt Ion:168 Resp: 310410
Ion Ratio Lower Upper
168 100
99 60.5 45.7 68.5



#16
Acetone
Concen: 2877.489 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.043 min
Lab File: VX034799.D
Acq: 28 Mar 2023 17:36

Tgt Ion: 43 Resp: 6120956
Ion Ratio Lower Upper
43 100
58 29.2 24.7 37.1

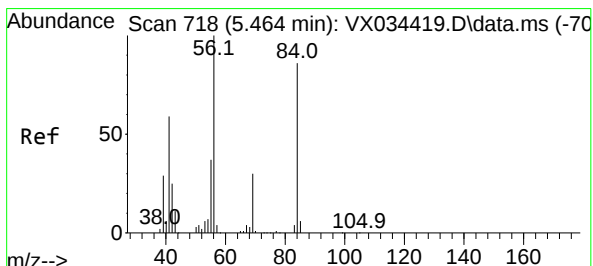
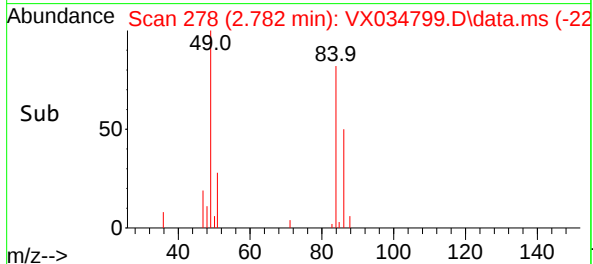
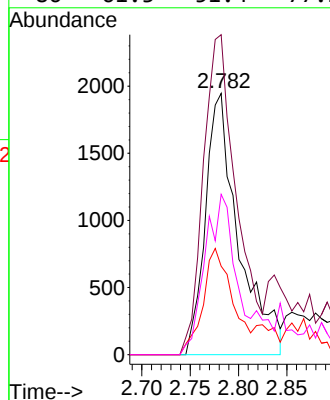
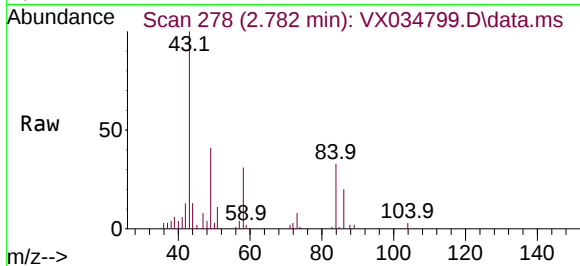




#20
Methylene Chloride
Concen: 1.129 ug/l
RT: 2.782 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX034799.D
Acq: 28 Mar 2023 17:36

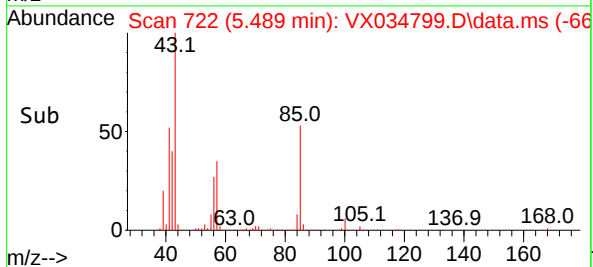
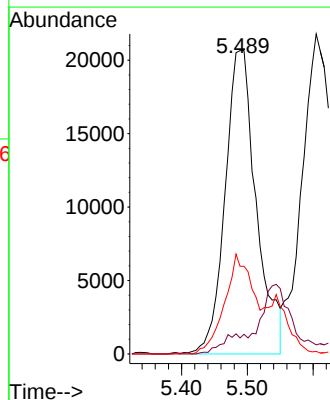
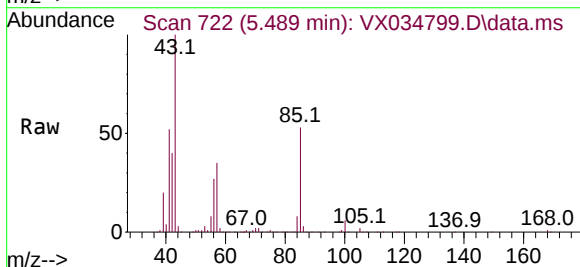
Instrument :
MSVOA_X
ClientSampleId :
TRE-1715ME

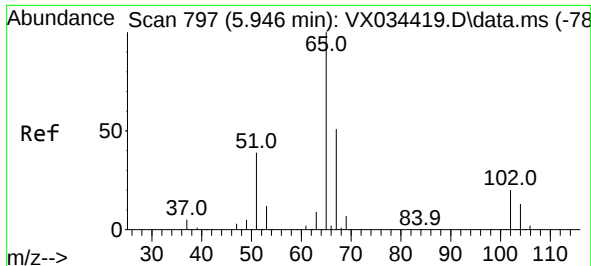
Tgt Ion:	84	Resp:	4661
Ion	Ratio	Lower	Upper
84	100		
49	122.4	103.8	155.8
51	33.8	31.8	47.8
86	61.3	51.4	77.2



#31
Cyclohexane
Concen: 10.781 ug/l
RT: 5.489 min Scan# 722
Delta R.T. 0.024 min
Lab File: VX034799.D
Acq: 28 Mar 2023 17:36

Tgt Ion:	56	Resp:	68281
Ion	Ratio	Lower	Upper
56	100		
69	5.0	23.7	35.5#
84	28.9	68.5	102.7#





#33

1,2-Dichloroethane-d4

Concen: 50.032 ug/l

RT: 5.958 min Scan# 797

Delta R.T. 0.012 min

Lab File: VX034799.D

Acq: 28 Mar 2023 17:36

Instrument :

MSVOA_X

ClientSampleId :

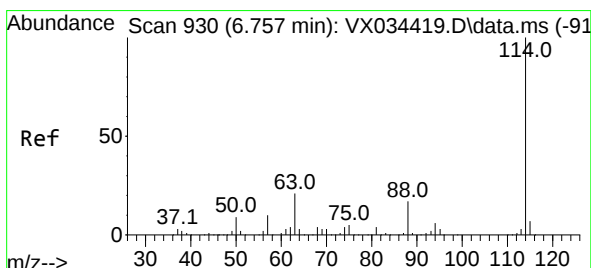
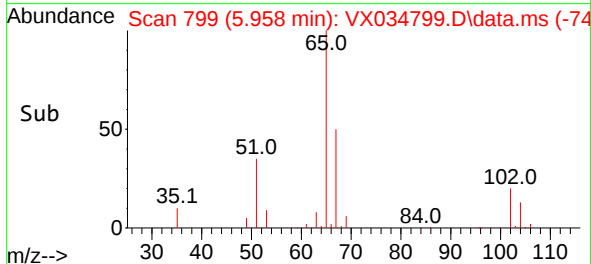
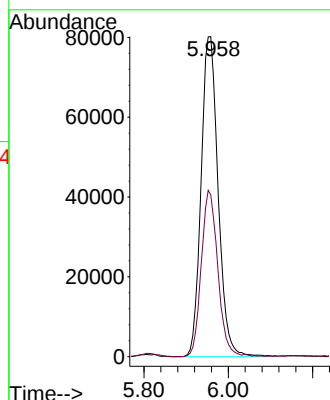
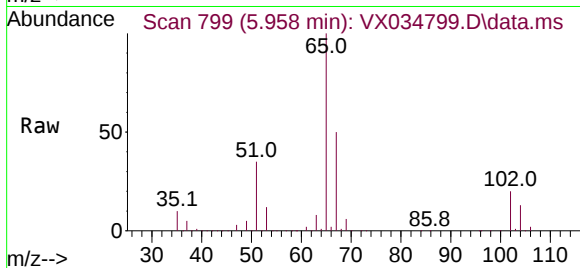
TRE-1715ME

Tgt Ion: 65 Resp: 225938

Ion Ratio Lower Upper

65 100

67 50.4 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX034799.D

Acq: 28 Mar 2023 17:36

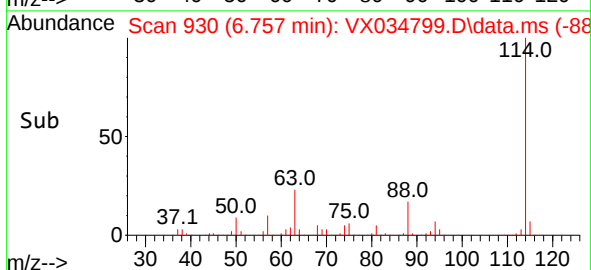
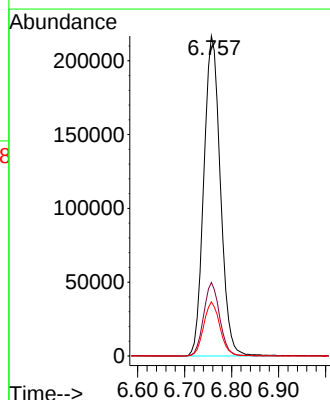
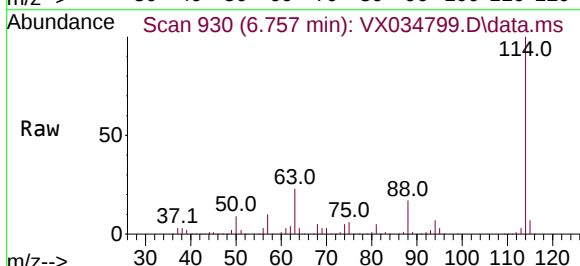
Tgt Ion: 114 Resp: 529805

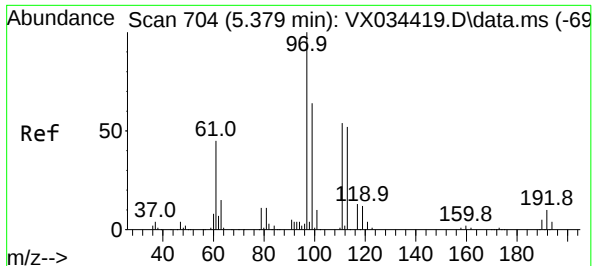
Ion Ratio Lower Upper

114 100

63 23.0 0.0 42.2

88 16.9 0.0 33.2

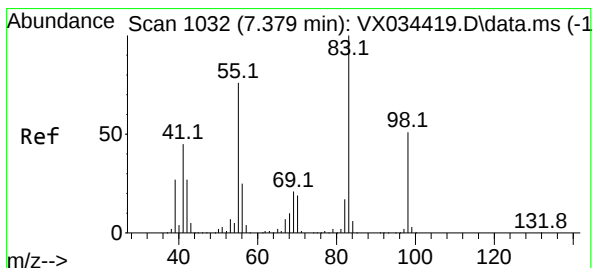
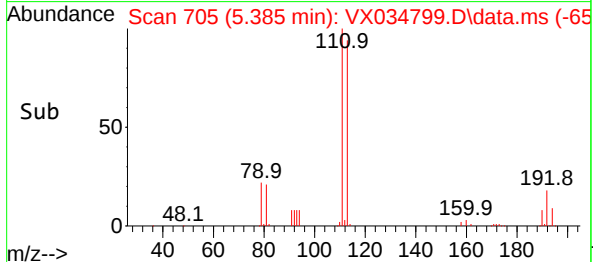
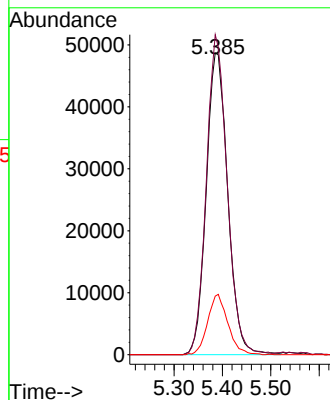
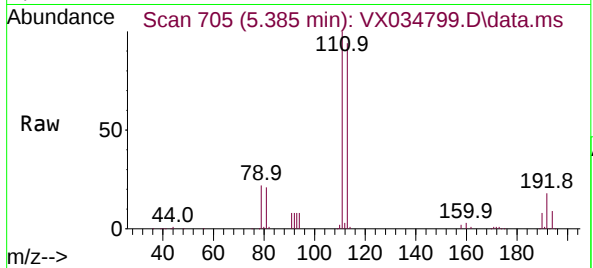




#35
Dibromofluoromethane
Concen: 43.087 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX034799.D
Acq: 28 Mar 2023 17:36

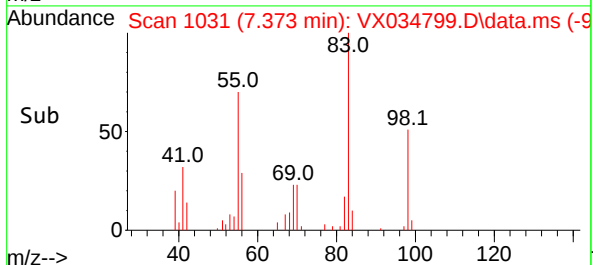
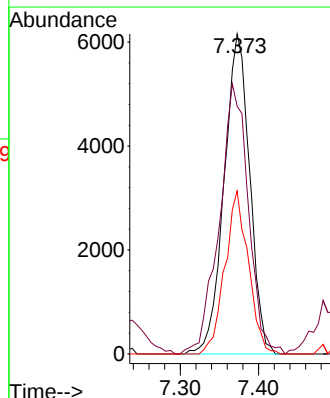
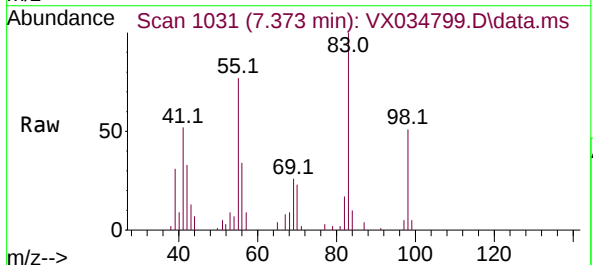
Instrument :
MSVOA_X
ClientSampleId :
TRE-1715ME

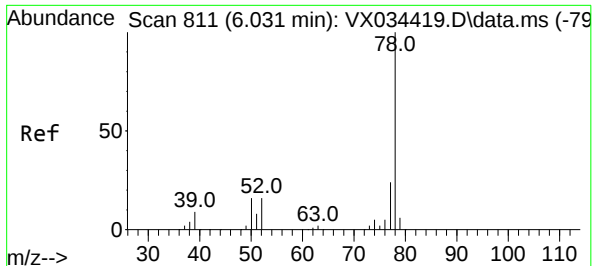
Tgt Ion:113 Resp: 150718
Ion Ratio Lower Upper
113 100
111 102.8 83.7 125.5
192 18.7 15.4 23.2



#39
Methylcyclohexane
Concen: 2.168 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX034799.D
Acq: 28 Mar 2023 17:36

Tgt Ion: 83 Resp: 13937
Ion Ratio Lower Upper
83 100
55 77.4 60.5 90.7
98 51.0 40.4 60.6

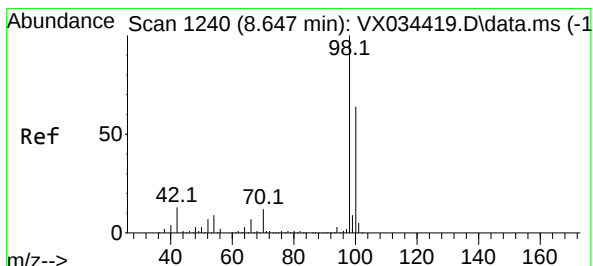
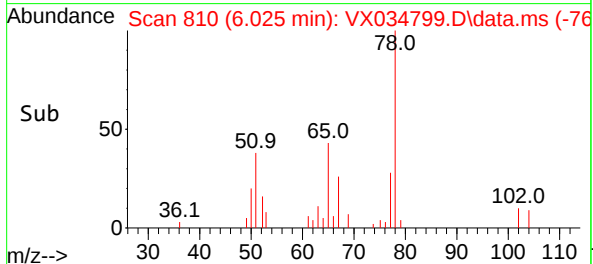
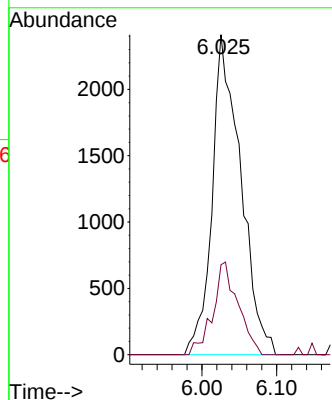
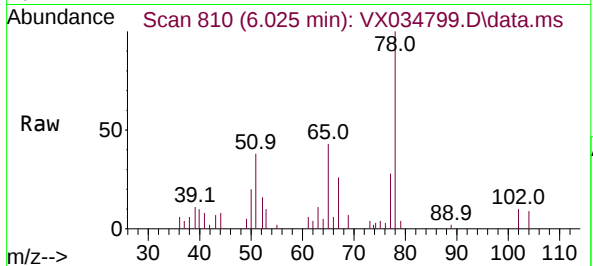




#40
Benzene
Concen: 0.407 ug/l
RT: 6.025 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX034799.D
Acq: 28 Mar 2023 17:36

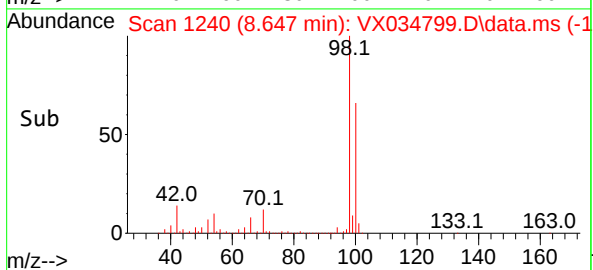
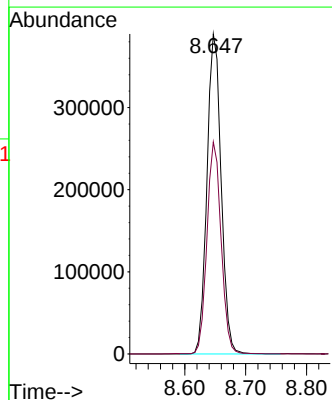
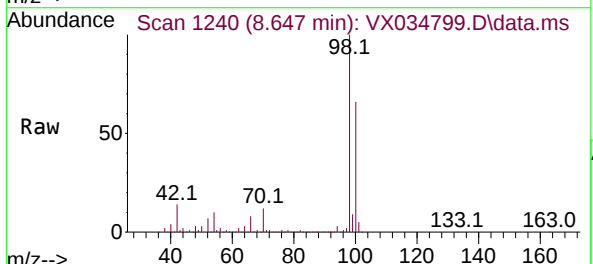
Instrument :
MSVOA_X
ClientSampleId :
TRE-1715ME

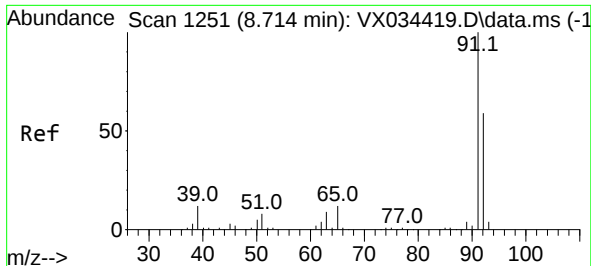
Tgt Ion: 78 Resp: 6404
Ion Ratio Lower Upper
78 100
77 28.1 19.0 28.4



#50
Toluene-d8
Concen: 48.238 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034799.D
Acq: 28 Mar 2023 17:36

Tgt Ion: 98 Resp: 629907
Ion Ratio Lower Upper
98 100
100 66.0 52.5 78.7

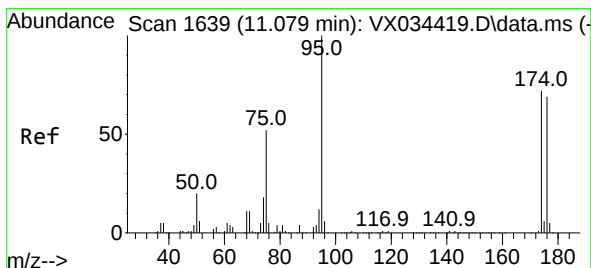
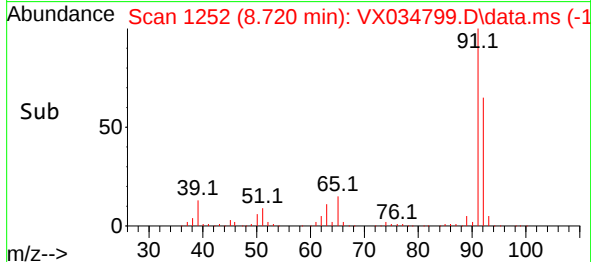
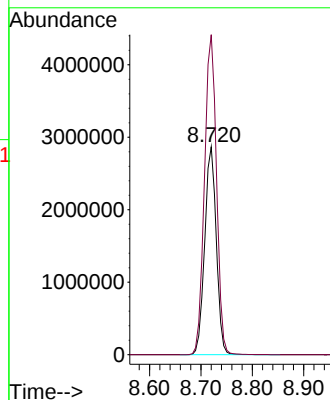
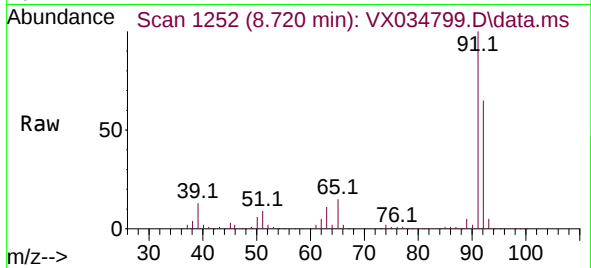




#52
Toluene
Concen: 460.459 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX034799.D
Acq: 28 Mar 2023 17:36

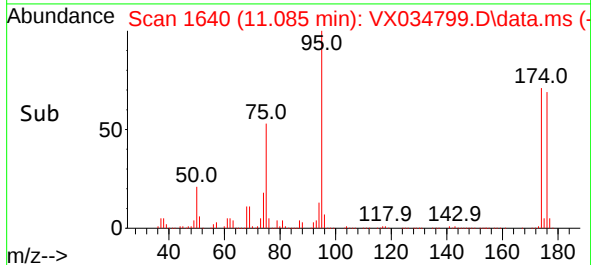
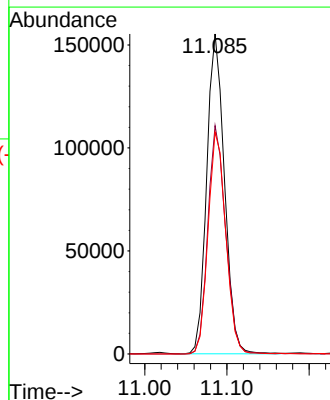
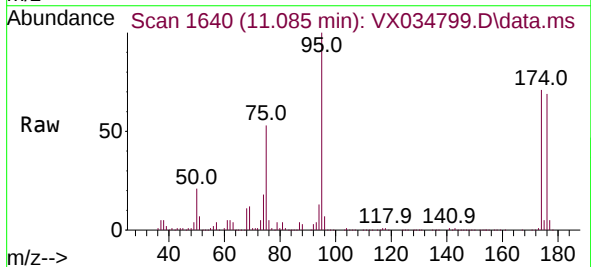
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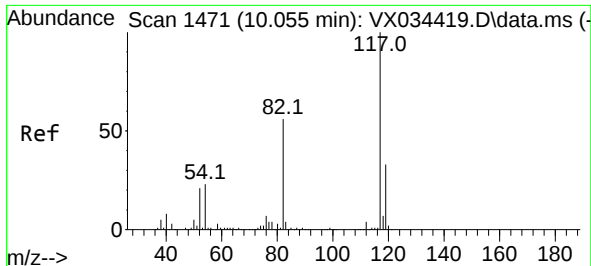
Tgt Ion: 92 Resp: 4480586
Ion Ratio Lower Upper
92 100
91 160.0 136.8 205.2



#62
4-Bromofluorobenzene
Concen: 44.172 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX034799.D
Acq: 28 Mar 2023 17:36

Tgt Ion: 95 Resp: 232986
Ion Ratio Lower Upper
95 100
174 71.2 0.0 147.4
176 69.0 0.0 140.6

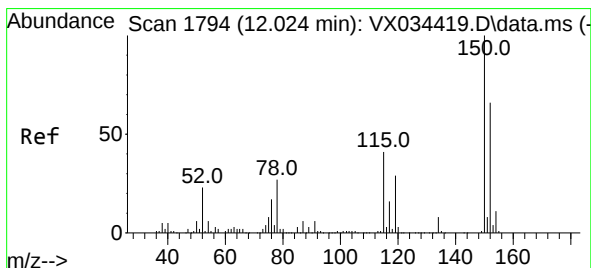
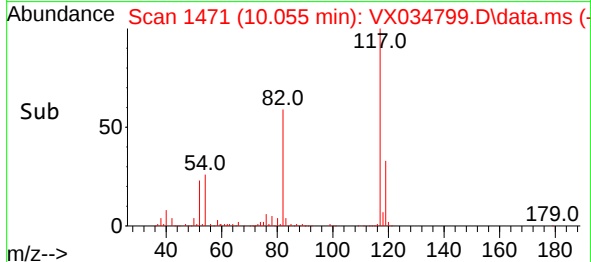
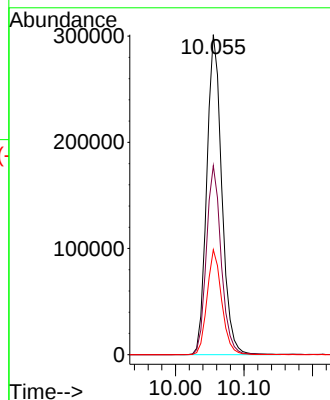
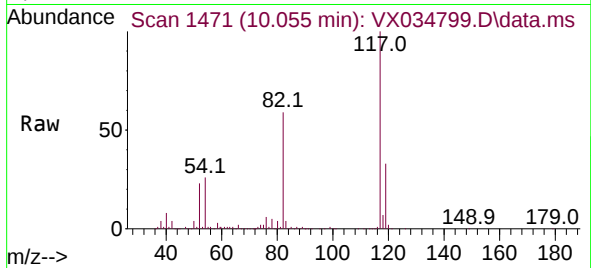




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034799.D
Acq: 28 Mar 2023 17:36

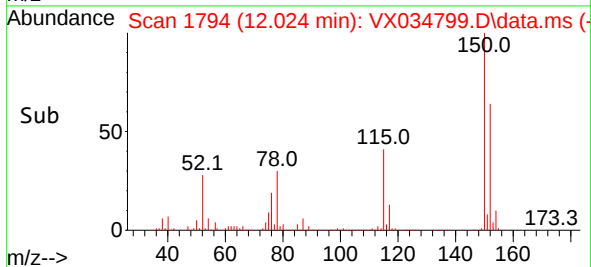
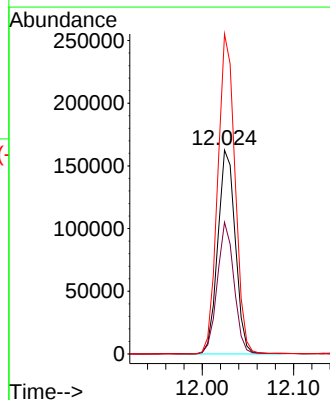
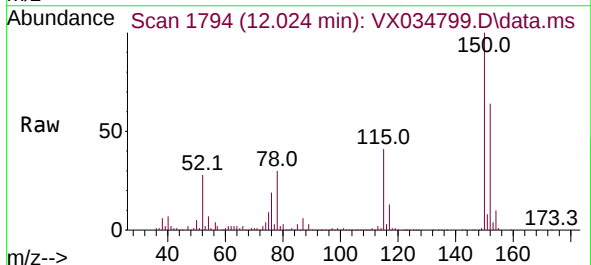
Instrument :
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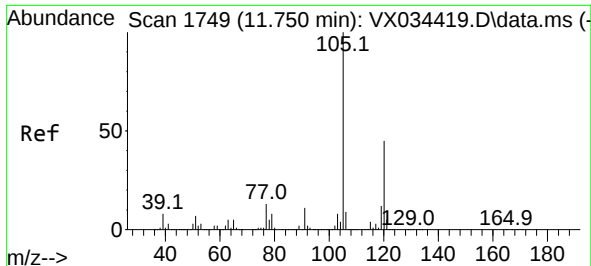
Tgt Ion:117 Resp: 458871
Ion Ratio Lower Upper
117 100
82 59.0 45.0 67.4
119 32.8 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034799.D
Acq: 28 Mar 2023 17:36

Tgt Ion:152 Resp: 216376
Ion Ratio Lower Upper
152 100
115 61.6 45.0 135.0
150 155.9 0.0 352.4

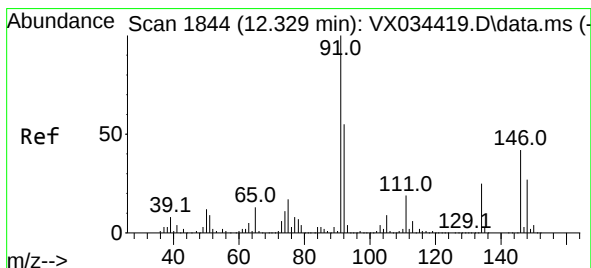
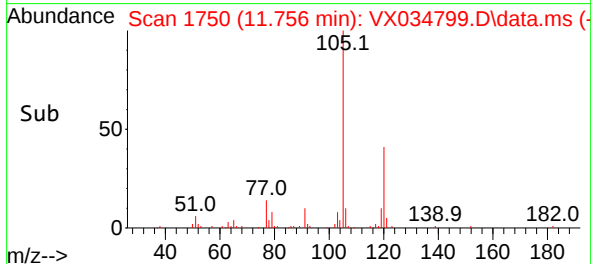
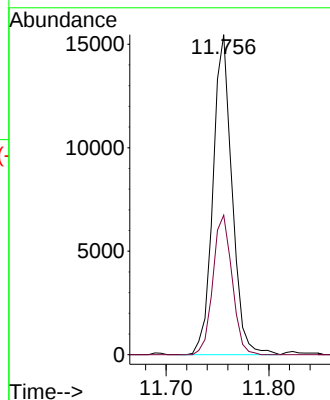
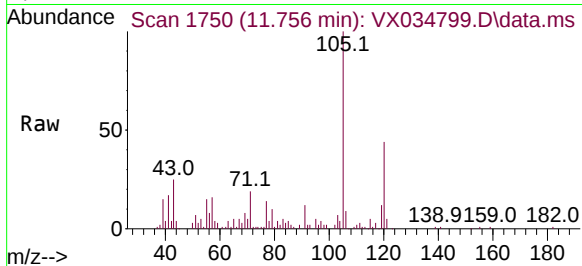




#84
1,2,4-Trimethylbenzene
Concen: 1.389 ug/l
RT: 11.756 min Scan# 11750
Delta R.T. 0.006 min
Lab File: VX034799.D
Acq: 28 Mar 2023 17:36

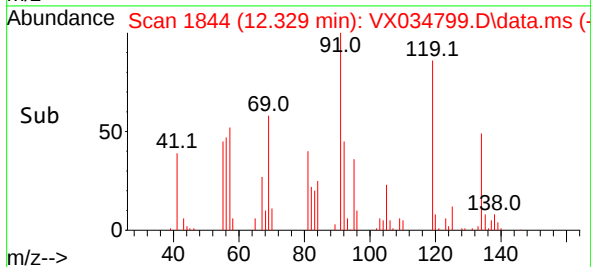
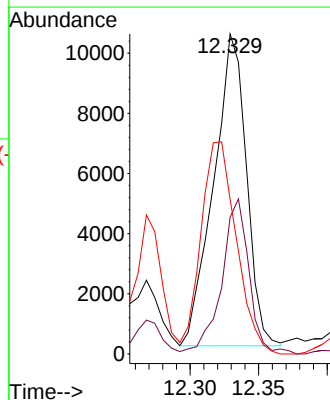
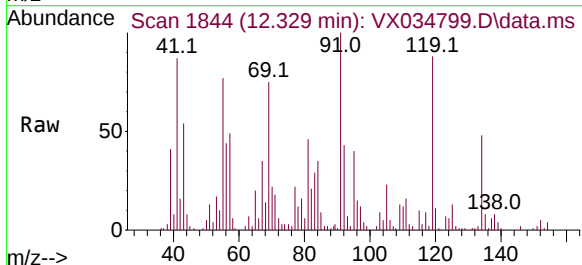
Instrument :
MSVOA_X
ClientSampleId :
TRE-1715ME

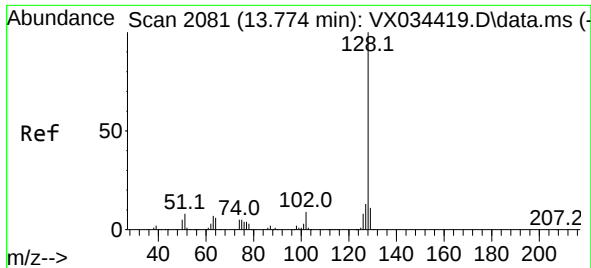
Tgt Ion:105 Resp: 19915
Ion Ratio Lower Upper
105 100
120 43.8 22.4 67.0



#89
n-Butylbenzene
Concen: 1.335 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX034799.D
Acq: 28 Mar 2023 17:36

Tgt Ion: 91 Resp: 17244
Ion Ratio Lower Upper
91 100
92 41.6 27.7 83.0
134 73.1 13.0 38.9#





#95
Naphthalene
Concen: 9.963 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX034799.D
Acq: 28 Mar 2023 17:36

Instrument :
MSVOA_X
ClientSampleId :
TRE-1715ME

Tgt Ion:128 Resp: 158733
Ion Ratio Lower Upper
128 100
127 14.0 10.2 15.4
129 11.9 8.6 13.0

