

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061324\
 Data File : VV036056.D
 Acq On : 13 Jun 2024 12:37
 Operator : SY/MD
 Sample : P2850-13
 Misc : 5.34g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 14 01:17:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 14 01:10:24 2024
 Response via : Initial Calibration

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

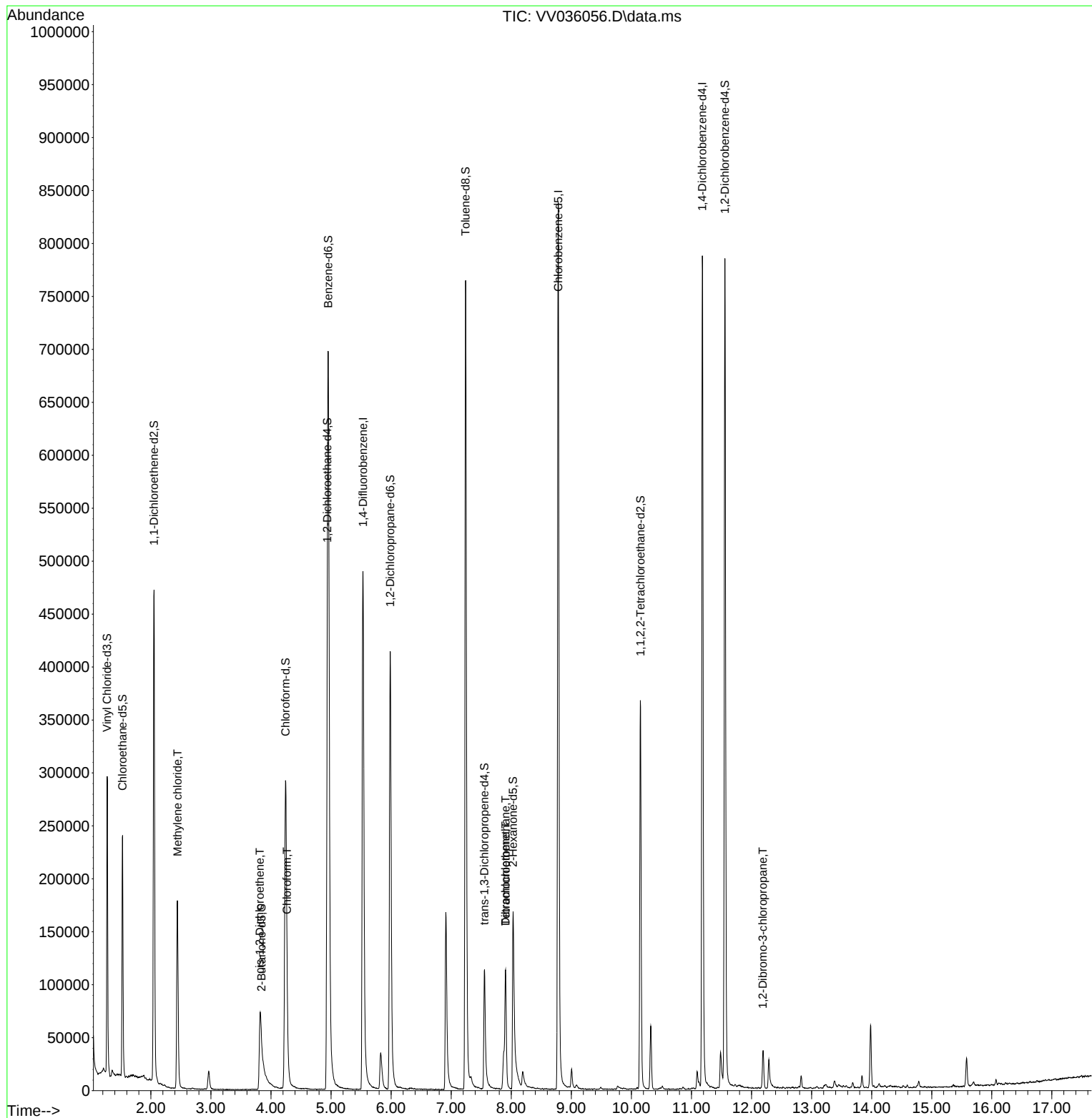
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	442781	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	472801	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	210257	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	191394	23.511	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.040%
7) Chloroethane-d5	1.529	69	152893	23.555	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.200%
11) 1,1-Dichloroethene-d2	2.053	65	82166	22.673	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	90.680%
21) 2-Butanone-d5	3.841	46	68233	36.532	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.060%
24) Chloroform-d	4.243	84	323485	22.980	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.920%
26) 1,2-Dichloroethane-d4	4.937	65	190880	25.862	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	103.440%
32) Benzene-d6	4.953	84	634262	22.568	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.280%
36) 1,2-Dichloropropane-d6	5.985	67	214558	24.243	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.960%
41) Toluene-d8	7.239	98	520186	20.977	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.920%
43) trans-1,3-Dichloroprop...	7.555	79	75739	20.871	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.480%
47) 2-Hexanone-d5	8.030	63	67407	56.215	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.420%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	186973	28.271	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.080%
66) 1,2-Dichlorobenzene-d4	11.558	152	206865	26.829	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.320%
Target Compounds						Qvalue
16) Methylene chloride	2.442	84	77350	7.720	ug/L	98
20) cis-1,2-Dichloroethene	3.815	96	32279	4.265	ug/L	97
25) Chloroform	4.268	83	8319	0.564	ug/L	78
46) Tetrachloroethene	7.905	164	27094	3.909	ug/L	98
49) Dibromochloromethane	7.905	129	24656	3.353	ug/L #	11
68) 1,2-Dibromo-3-chloropr...	12.188	75	1039	0.934	ug/L #	21

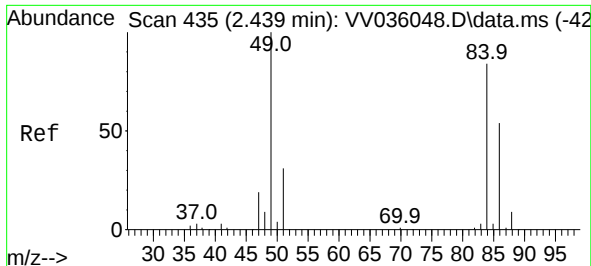
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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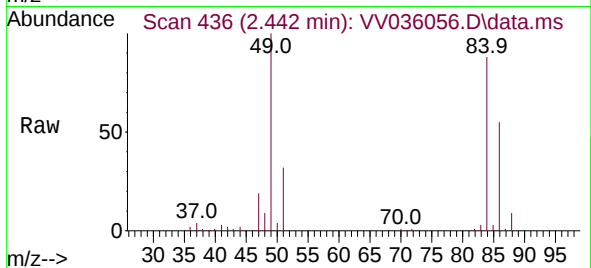
Quant Time: Jun 14 01:17:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 14 01:10:24 2024
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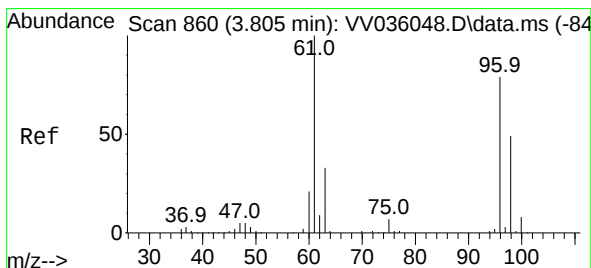
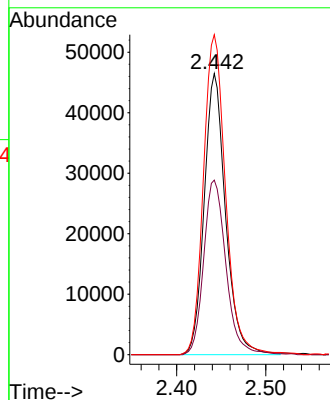
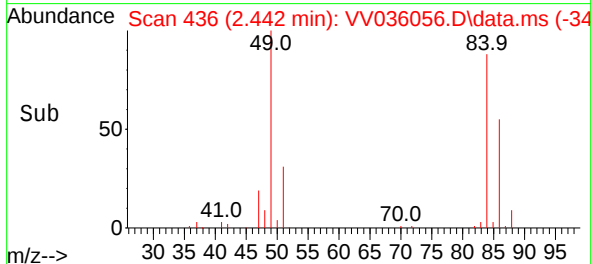


#16
Methylene chloride
Concen: 7.720 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV036056.D
Acq: 13 Jun 2024 12:37

Instrument :
MSVOA_V
ClientSampleId :

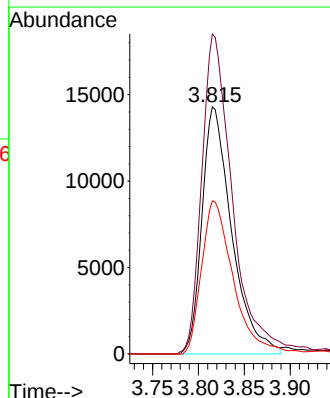
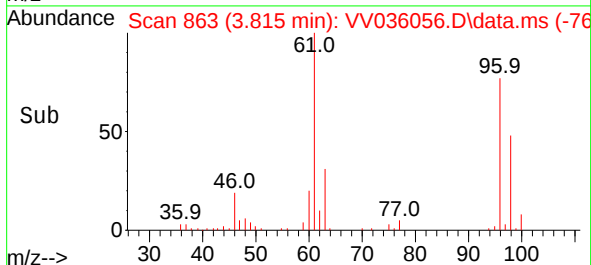
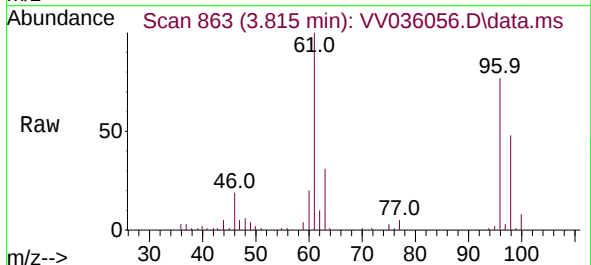


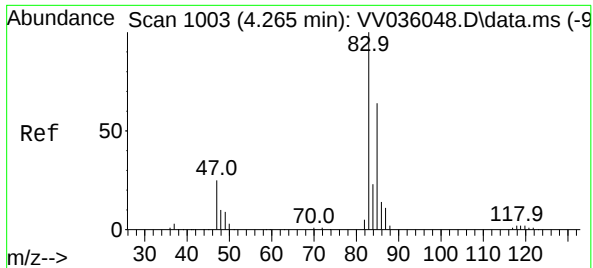
Tgt Ion: 84 Resp: 77350
Ion Ratio Lower Upper
84 100
86 62.1 44.6 82.8
49 113.8 81.1 150.5



#20
cis-1,2-Dichloroethene
Concen: 4.265 ug/L
RT: 3.815 min Scan# 863
Delta R.T. 0.010 min
Lab File: VV036056.D
Acq: 13 Jun 2024 12:37

Tgt Ion: 96 Resp: 32279
Ion Ratio Lower Upper
96 100
61 129.5 87.9 163.3
98 62.0 44.4 82.5





#25

Chloroform

Concen: 0.564 ug/L

RT: 4.268 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV036056.D

Acq: 13 Jun 2024 12:37

Instrument :

MSVOA_V

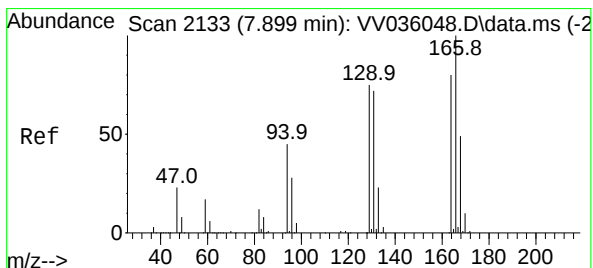
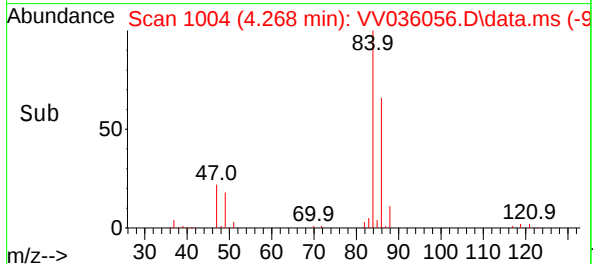
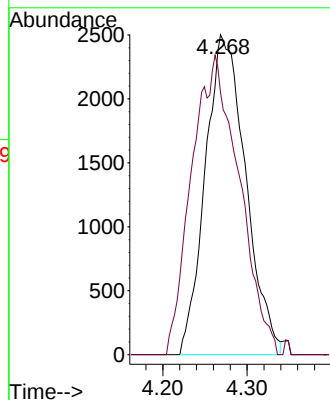
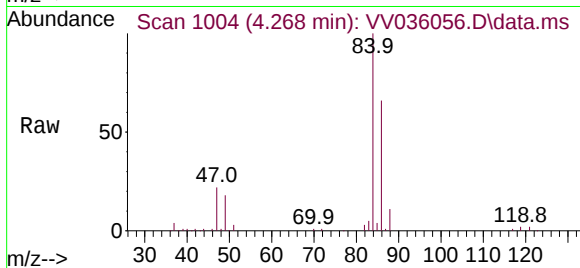
ClientSampleId :

Tgt Ion: 83 Resp: 8319

Ion Ratio Lower Upper

83 100

85 81.9 45.2 84.0



#46

Tetrachloroethene

Concen: 3.909 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. 0.006 min

Lab File: VV036056.D

Acq: 13 Jun 2024 12:37

Tgt Ion:164 Resp: 27094

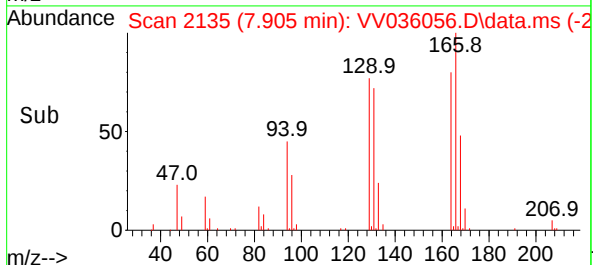
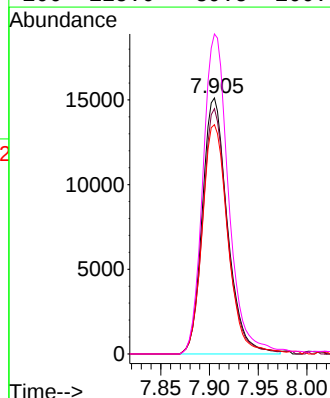
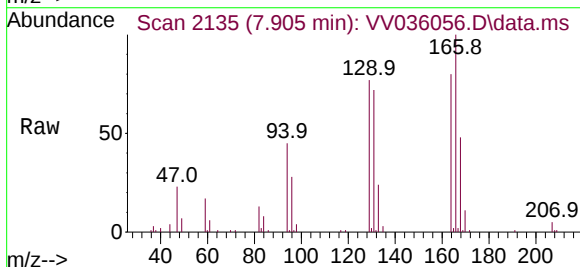
Ion Ratio Lower Upper

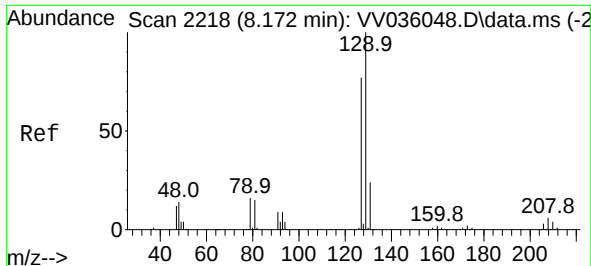
164 100

129 95.8 64.6 120.0

131 89.6 63.2 117.4

166 125.0 89.5 166.3





#49

Dibromochloromethane

Concen: 3.353 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. -0.267 min

Lab File: VV036056.D

Acq: 13 Jun 2024 12:37

Instrument :

MSVOA_V

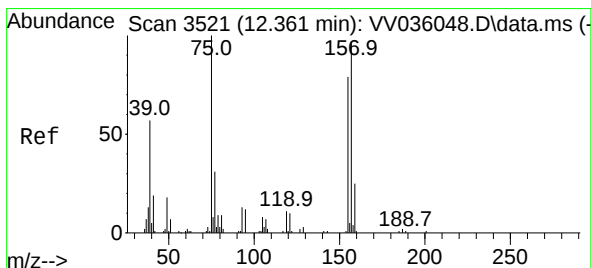
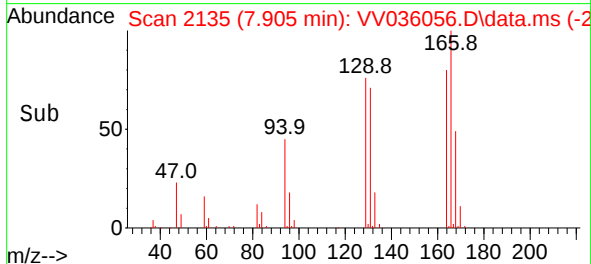
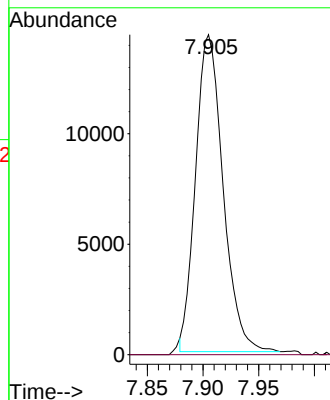
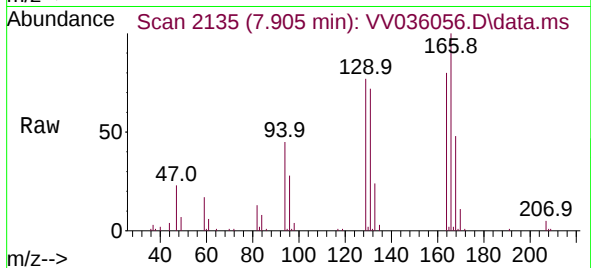
ClientSampleId :

Tgt Ion:129 Resp: 24656

Ion Ratio Lower Upper

129 100

127 0.0 53.9 100.1#



#68

1,2-Dibromo-3-chloropropane

Concen: 0.934 ug/L

RT: 12.188 min Scan# 3467

Delta R.T. -0.174 min

Lab File: VV036056.D

Acq: 13 Jun 2024 12:37

Tgt Ion: 75 Resp: 1039

Ion Ratio Lower Upper

75 100

155 36.0 63.3 94.9#

157 0.0 82.4 123.6#

