

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071624\
 Data File : VV036568.D
 Acq On : 16 Jul 2024 15:36
 Operator : SY/MD
 Sample : P3238-10
 Misc : 5.50g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 17 02:28:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 17 02:15:19 2024
 Response via : Initial Calibration

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

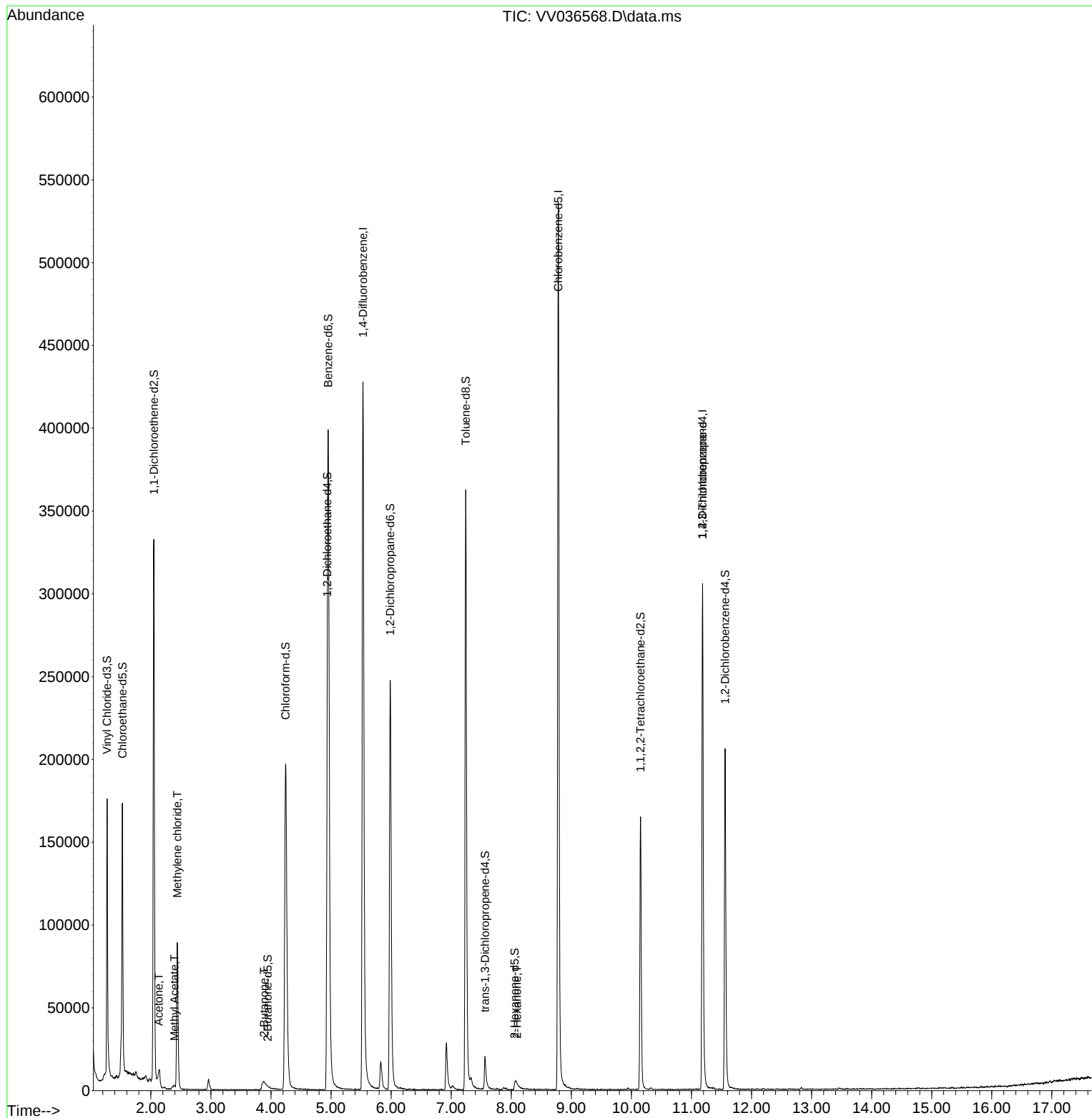
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	395112	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	318507	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	88051	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	112202	19.821	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.280%
7) Chloroethane-d5	1.526	69	106963	21.612	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.440%
11) 1,1-Dichloroethene-d2	2.050	65	51455	17.702	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.800%
21) 2-Butanone-d5	3.944	46	477	0.492	ug/L	0.11
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.980%#
24) Chloroform-d	4.243	84	217930	18.949	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	75.800%
26) 1,2-Dichloroethane-d4	4.937	65	111664	19.576	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.320%
32) Benzene-d6	4.953	84	361142	22.728	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.920%
36) 1,2-Dichloropropane-d6	5.985	67	121481	25.653	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.600%
41) Toluene-d8	7.243	98	258673	17.643	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	70.560%
43) trans-1,3-Dichloroprop...	7.564	79	13513	6.863	ug/L	0.01
Spiked Amount	25.000	Range	30 - 135	Recovery	=	27.440%#
47) 2-Hexanone-d5	8.056	63	1180	2.244	ug/L	0.03
Spiked Amount	50.000	Range	20 - 135	Recovery	=	4.480%#
56) 1,1,2,2-Tetrachloroeth...	10.153	84	78306	19.634	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	78.520%
66) 1,2-Dichlorobenzene-d4	11.561	152	58316	19.516	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	78.080%
Target Compounds					Qvalue	
13) Acetone	2.134	43	6185	4.515	ug/L	87
15) Methyl Acetate	2.391	43	1570	0.848	ug/L	95
16) Methylene chloride	2.439	84	41501	5.109	ug/L	97
22) 2-Butanone	3.886	43	1229	1.069	ug/L #	70
48) 2-Hexanone	8.095	43	2020	1.506	ug/L #	49
61) 1,2,3-Trichloropropane	11.185	75	8644	5.518	ug/L #	56

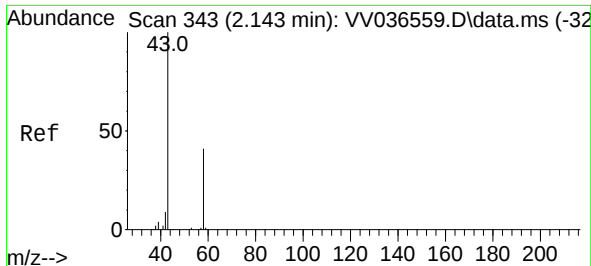
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

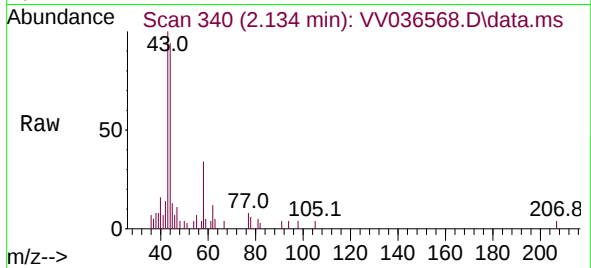
Quant Time: Jul 17 02:28:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071124SMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jul 17 02:15:19 2024
Response via : Initial Calibration



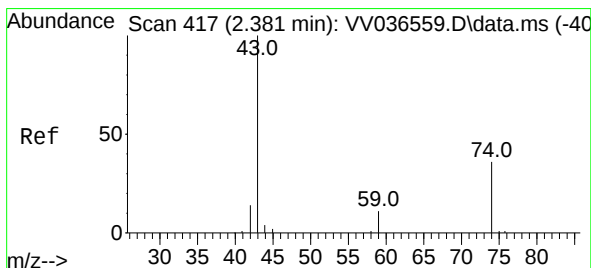
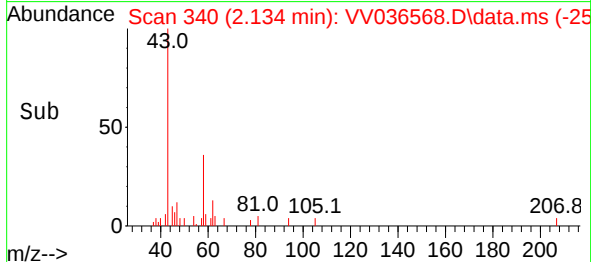
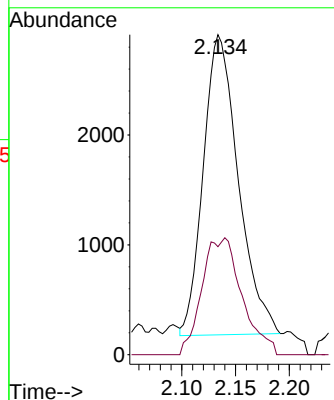


#13
Acetone
Concen: 4.515 ug/L
RT: 2.134 min Scan# 343
Delta R.T. -0.010 min
Lab File: VV036568.D
Acq: 16 Jul 2024 15:36

Instrument :
MSVOA_V
ClientSampleId :

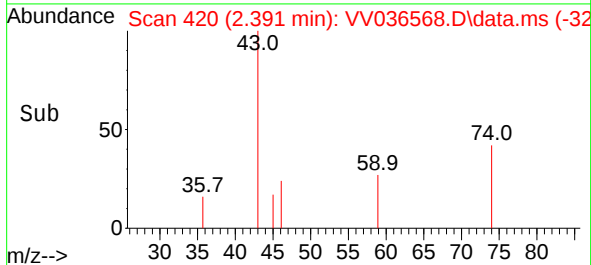
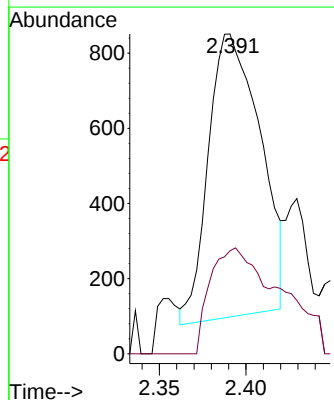
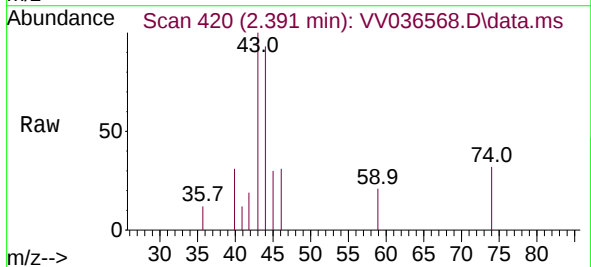


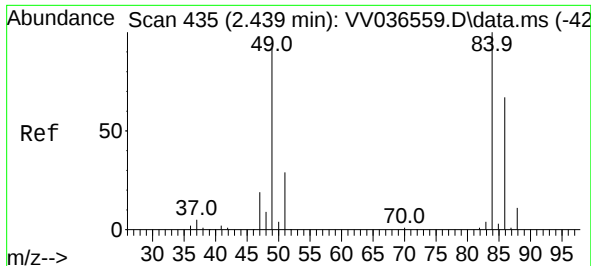
Tgt Ion: 43 Resp: 6185
Ion Ratio Lower Upper
43 100
58 19.6 0.0 28.4



#15
Methyl Acetate
Concen: 0.848 ug/L
RT: 2.391 min Scan# 420
Delta R.T. 0.010 min
Lab File: VV036568.D
Acq: 16 Jul 2024 15:36

Tgt Ion: 43 Resp: 1570
Ion Ratio Lower Upper
43 100
74 35.5 26.3 39.5





#16

Methylene chloride

Concen: 5.109 ug/L

RT: 2.439 min Scan# 41

Delta R.T. 0.000 min

Lab File: VV036568.D

Acq: 16 Jul 2024 15:36

Instrument :

MSVOA_V

ClientSampleId :

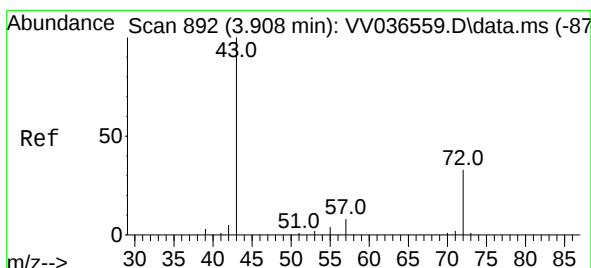
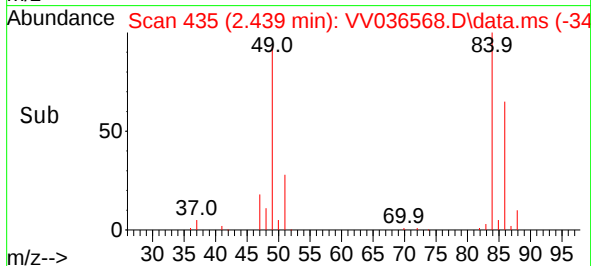
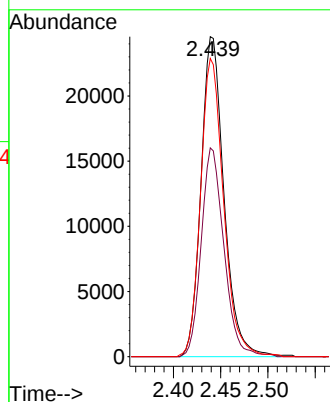
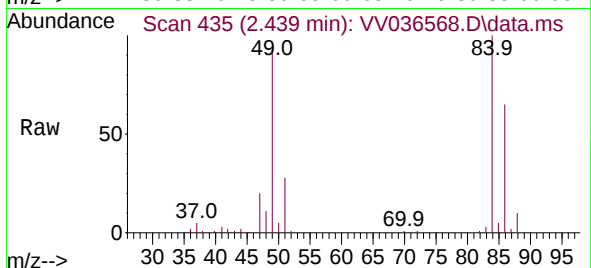
Tgt Ion: 84 Resp: 41501

Ion Ratio Lower Upper

84 100

86 65.3 46.3 86.1

49 93.2 68.1 126.5



#22

2-Butanone

Concen: 1.069 ug/L

RT: 3.886 min Scan# 885

Delta R.T. -0.023 min

Lab File: VV036568.D

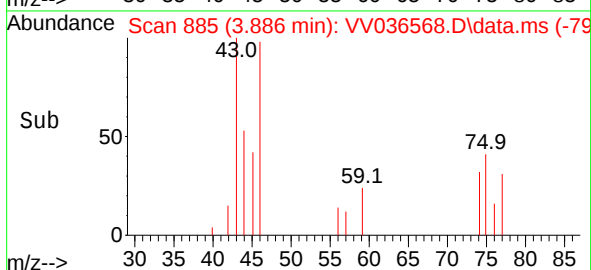
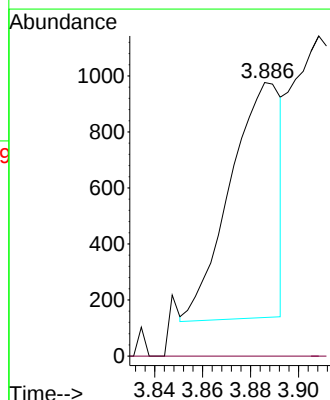
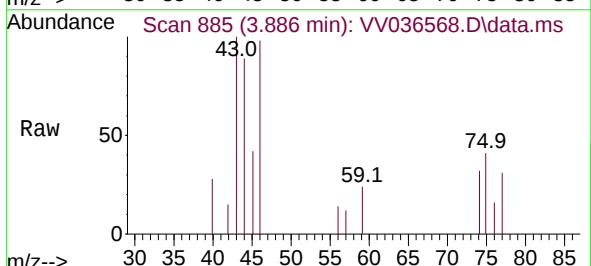
Acq: 16 Jul 2024 15:36

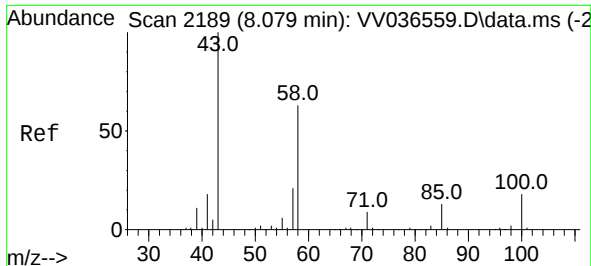
Tgt Ion: 43 Resp: 1229

Ion Ratio Lower Upper

43 100

72 0.0 5.9 17.6#





#48

2-Hexanone

Concen: 1.506 ug/L

RT: 8.095 min Scan# 2189

Delta R.T. 0.016 min

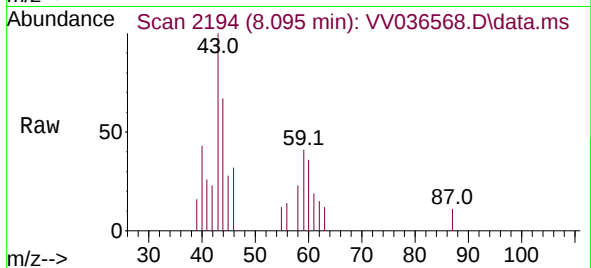
Lab File: VV036568.D

Acq: 16 Jul 2024 15:36

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 2020

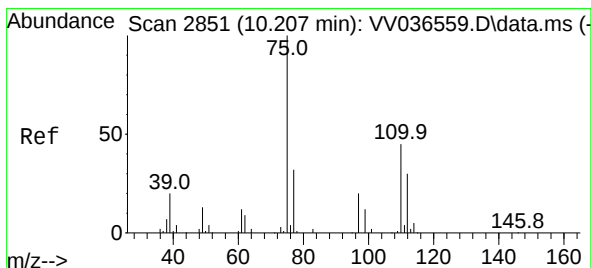
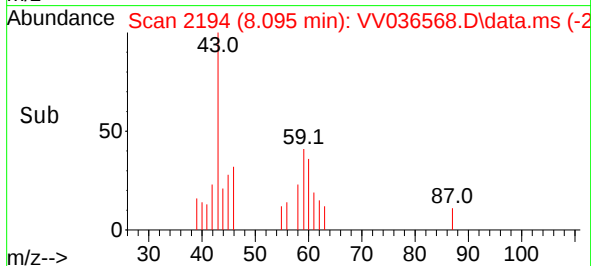
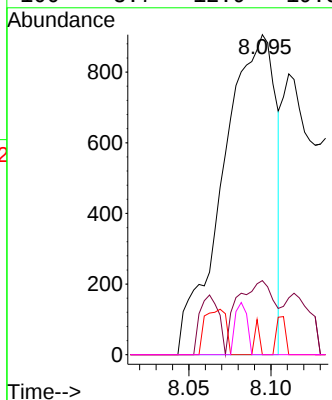
Ion Ratio Lower Upper

43 100

58 16.2 49.5 74.3#

57 0.0 15.3 22.9#

100 3.7 12.9 19.3#



#61

1,2,3-Trichloropropane

Concen: 5.518 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.977 min

Lab File: VV036568.D

Acq: 16 Jul 2024 15:36

Tgt Ion: 75 Resp: 8644

Ion Ratio Lower Upper

75 100

77 40.2 25.6 38.4#

110 1.5 34.8 52.2#

