

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050423\
 Data File : VD075996.D
 Acq On : 04 May 2023 10:50
 Operator : KP/SY
 Sample : VD0504SBL01
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 05 00:47:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 05 00:35:29 2023
 Response via : Initial Calibration

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

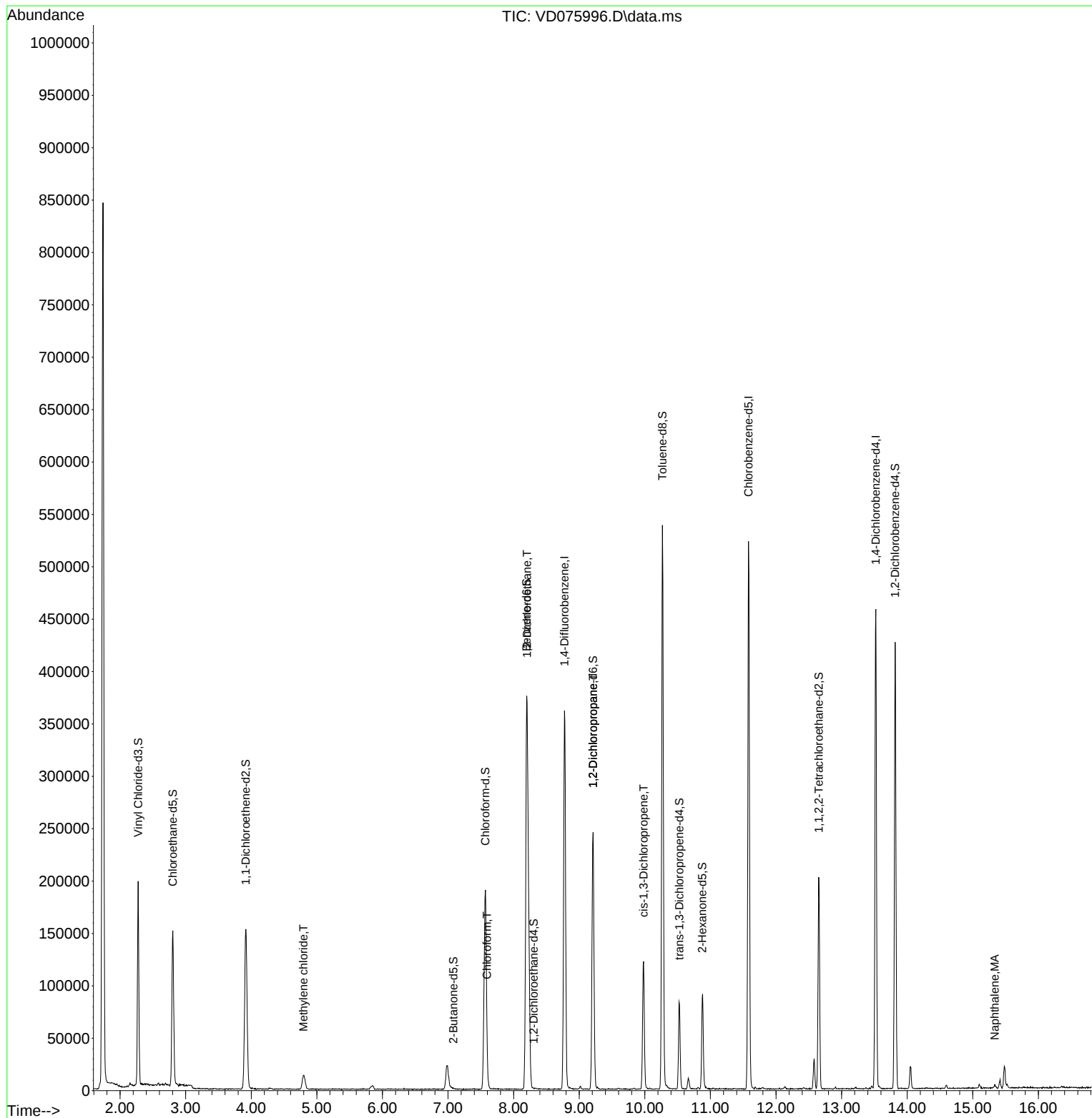
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	359365	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	333938	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	139243	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	181476	23.020	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.080%
7) Chloroethane-d5	2.805	69	160576	23.574	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.280%
11) 1,1-Dichloroethene-d2	3.917	65	41452	22.807	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.240%
21) 2-Butanone-d5	7.081	46	185	0.270	ug/L	0.09
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.540%#
24) Chloroform-d	7.569	84	208971	23.254	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.000%
26) 1,2-Dichloroethane-d4	8.305	65	167	0.044	ug/L	0.08
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.160%#
32) Benzene-d6	8.199	84	439254	22.568	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.280%
36) 1,2-Dichloropropane-d6	9.210	67	132229	24.545	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.160%
41) Toluene-d8	10.269	98	393978	21.622	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.480%
43) trans-1,3-Dichloroprop...	10.528	79	50321	22.598	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.400%
47) 2-Hexanone-d5	10.875	63	33463	51.588	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.180%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	104052	25.240	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.960%
66) 1,2-Dichlorobenzene-d4	13.816	152	124029	25.183	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.720%
Target Compounds						
					Qvalue	
16) Methylene chloride	4.793	84	6104	0.837	ug/L	95
25) Chloroform	7.593	83	6136	0.705	ug/L	87
27) 1,2-Dichloroethane	8.205	62	1875	0.418	ug/L #	68
37) 1,2-Dichloropropane	9.210	63	13051	2.813	ug/L #	85
39) cis-1,3-Dichloropropene	9.981	75	3163	0.429	ug/L #	60
71) Naphthalene	15.334	128	3373	0.376	ug/L #	86

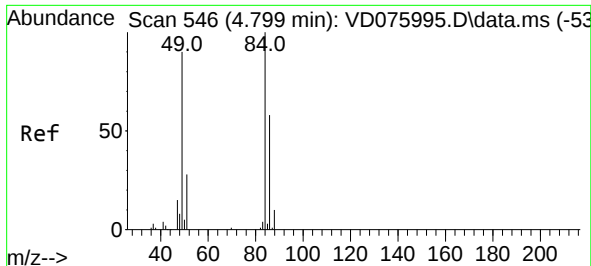
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
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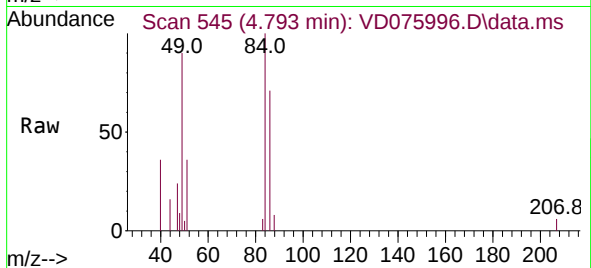
Quant Time: May 05 00:47:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 05 00:35:29 2023
Response via : Initial Calibration



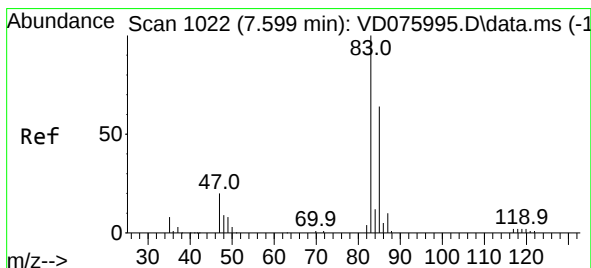
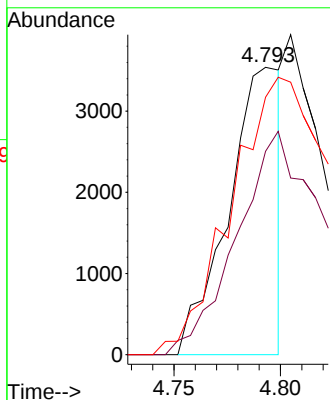
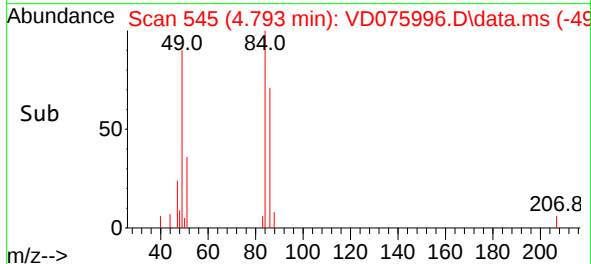


#16
Methylene chloride
Concen: 0.837 ug/L
RT: 4.793 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD075996.D
Acq: 04 May 2023 10:50

Instrument :
MSVOA_D
ClientSampleId :

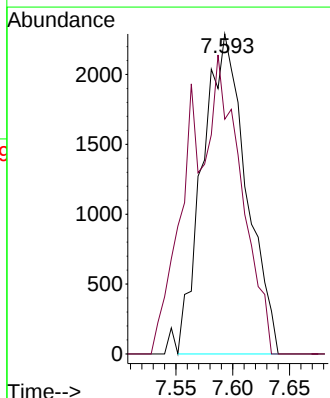
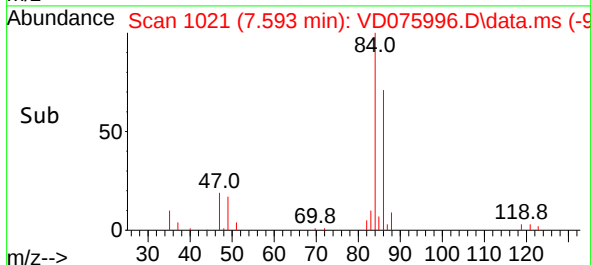
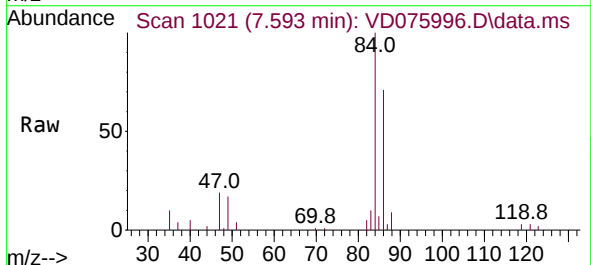


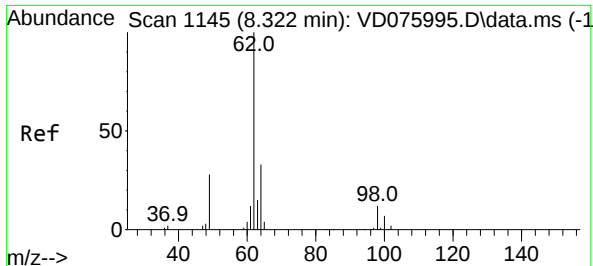
Tgt Ion: 84 Resp: 6104
Ion Ratio Lower Upper
84 100
86 70.8 45.8 85.2
49 89.6 60.8 112.8



#25
Chloroform
Concen: 0.705 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. -0.006 min
Lab File: VD075996.D
Acq: 04 May 2023 10:50

Tgt Ion: 83 Resp: 6136
Ion Ratio Lower Upper
83 100
85 73.4 44.4 82.5

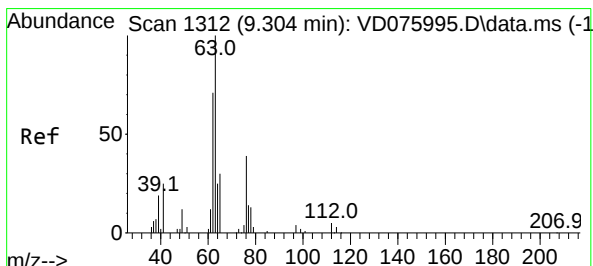
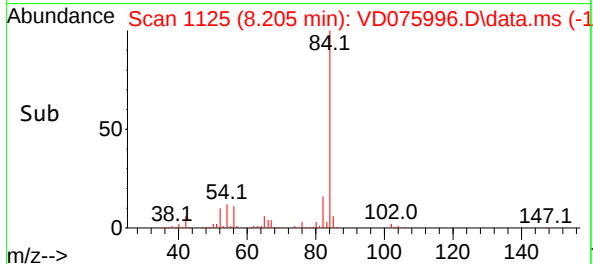
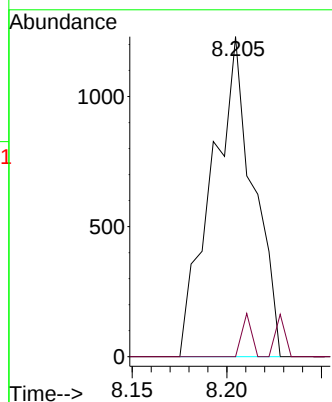
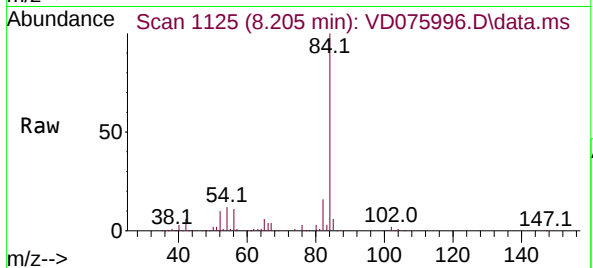




#27
1,2-Dichloroethane
Concen: 0.418 ug/L
RT: 8.205 min Scan# 1125
Delta R.T. -0.118 min
Lab File: VD075996.D
Acq: 04 May 2023 10:50

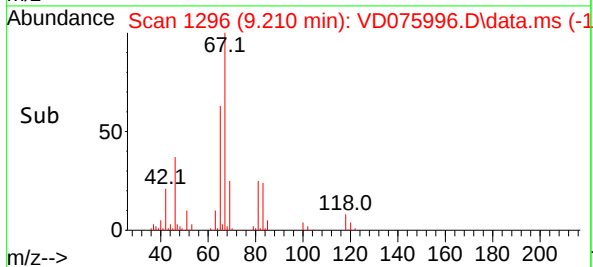
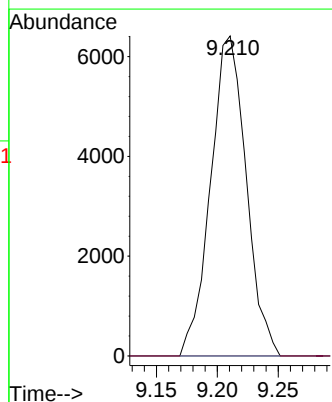
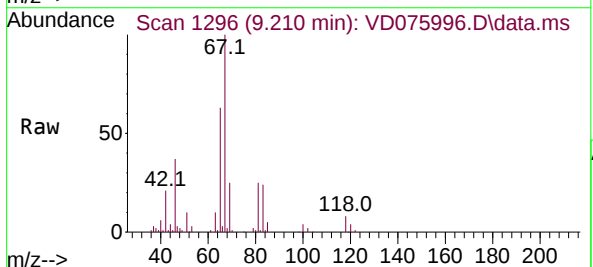
Instrument :
MSVOA_D
ClientSampleId :

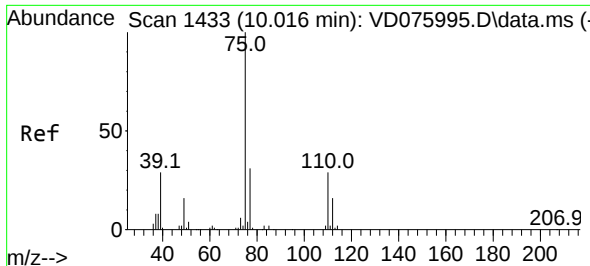
Tgt Ion: 62 Resp: 1875
Ion Ratio Lower Upper
62 100
98 0.0 10.2 15.2#



#37
1,2-Dichloropropane
Concen: 2.813 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.094 min
Lab File: VD075996.D
Acq: 04 May 2023 10:50

Tgt Ion: 63 Resp: 13051
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 0.429 ug/L

RT: 9.981 min Scan# 1433

Delta R.T. -0.035 min

Lab File: VD075996.D

Acq: 04 May 2023 10:50

Instrument :

MSVOA_D

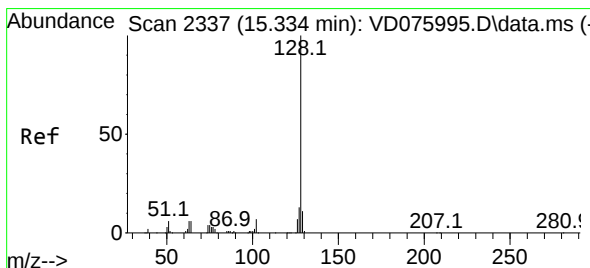
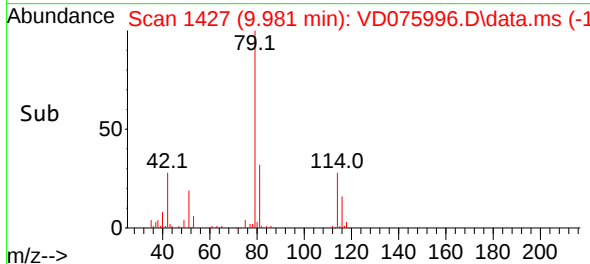
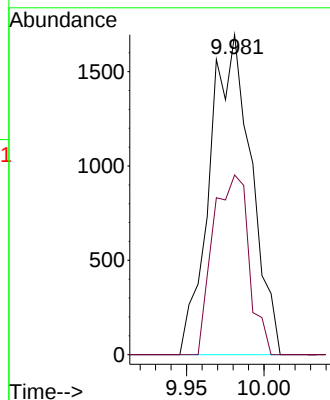
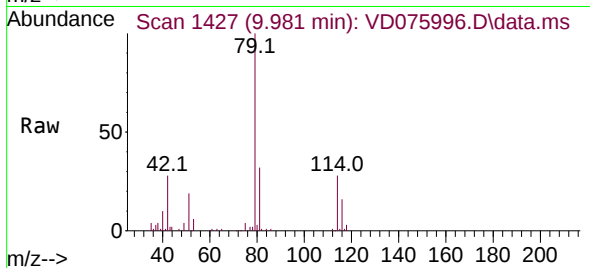
ClientSampleId :

Tgt Ion: 75 Resp: 3163

Ion Ratio Lower Upper

75 100

77 56.1 23.4 43.6#



#71

Naphthalene

Concen: 0.376 ug/L

RT: 15.334 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VD075996.D

Acq: 04 May 2023 10:50

Tgt Ion: 128 Resp: 3373

Ion Ratio Lower Upper

128 100

127 6.0 10.5 15.7#

129 14.9 9.1 13.7#

