

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112423\
 Data File : VD077691.D
 Acq On : 24 Nov 2023 14:54
 Operator : JC/SY
 Sample : 05456-06
 Misc : 5.04G/10ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 27 00:02:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Nov 27 00:00:09 2023
 Response via : Initial Calibration

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

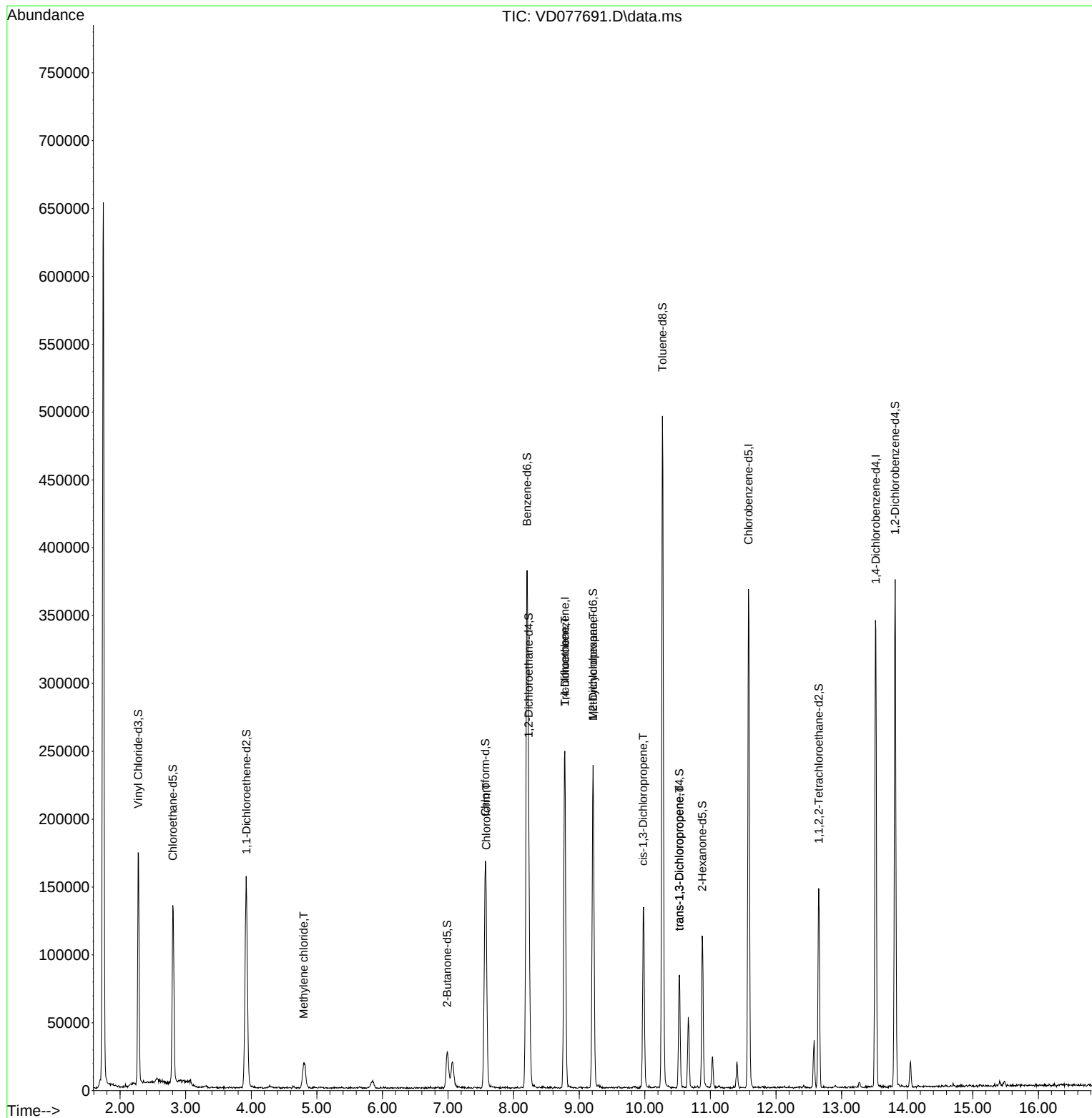
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	207954	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	198057	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	90324	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	161379	30.506	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 122.040%	
7) Chloroethane-d5	2.805	69	134085	32.265	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 129.040%	
11) 1,1-Dichloroethene-d2	3.928	65	46372	28.349	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 113.400%#	
21) 2-Butanone-d5	6.987	46	48380	52.823	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 105.640%	
24) Chloroform-d	7.569	84	175897	29.281	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 117.120%	
26) 1,2-Dichloroethane-d4	8.228	65	96034	30.054	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 120.200%	
32) Benzene-d6	8.204	84	367576	28.595	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 114.360%	
36) 1,2-Dichloropropane-d6	9.210	67	115695	27.631	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 110.520%	
41) Toluene-d8	10.269	98	329696	28.383	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 113.520%	
43) trans-1,3-Dichloroprop...	10.528	79	47082	26.079	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 104.320%	
47) 2-Hexanone-d5	10.875	63	37576	50.166	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 100.340%	
56) 1,1,2,2-Tetrachloroeth...	12.651	84	76599	27.611	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 110.440%	
66) 1,2-Dichlorobenzene-d4	13.816	152	94775	29.495	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 117.960%	
Target Compounds						Qvalue
16) Methylene chloride	4.799	84	8355	2.380	ug/L	96
25) Chloroform	7.581	83	2720	0.474	ug/L #	9
34) Trichloroethene	8.781	95	6188	1.818	ug/L #	10
35) Methylcyclohexane	9.210	83	24726	4.026	ug/L #	16
39) cis-1,3-Dichloropropene	9.975	75	3764	0.642	ug/L #	52
44) trans-1,3-Dichloropropene	10.528	75	2512	0.518	ug/L	100

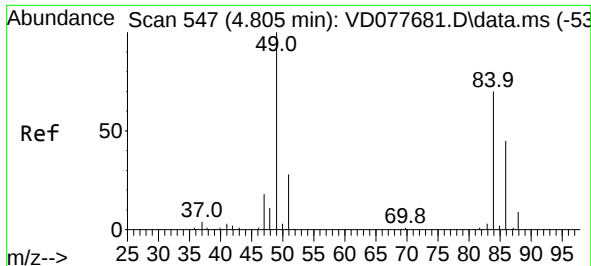
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Mon Nov 27 00:00:09 2023
Response via : Initial Calibration

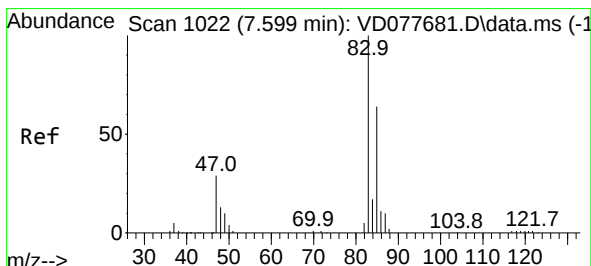
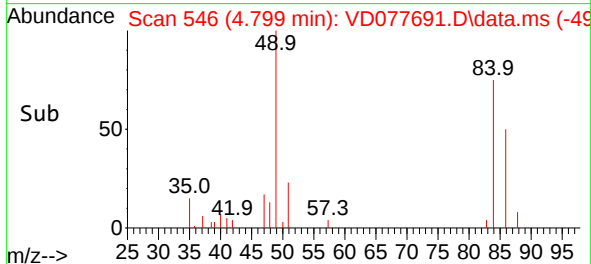
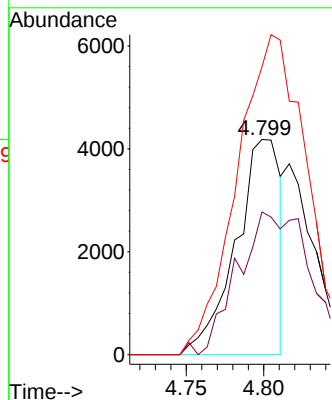
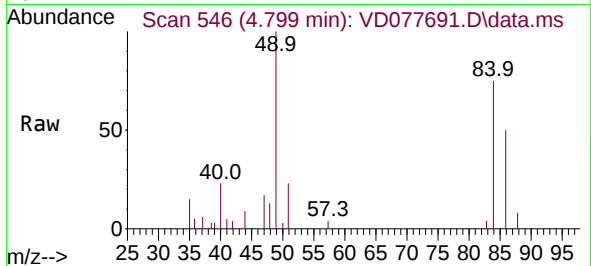




#16
Methylene chloride
Concen: 2.380 ug/L
RT: 4.799 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD077691.D
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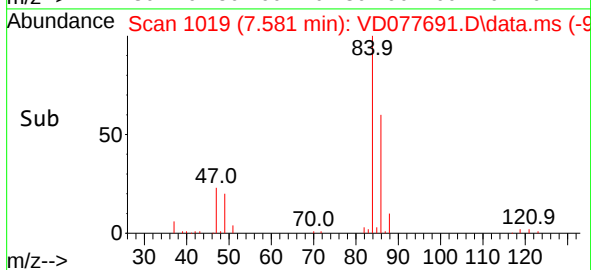
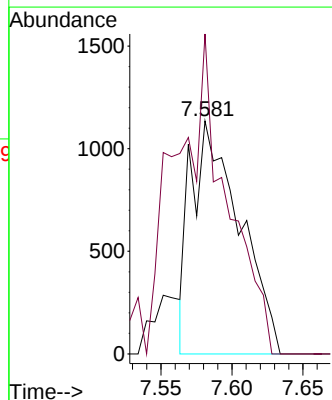
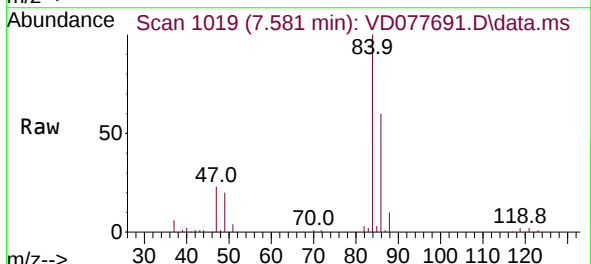
Instrument :
MSVOA_D
ClientSampleId :

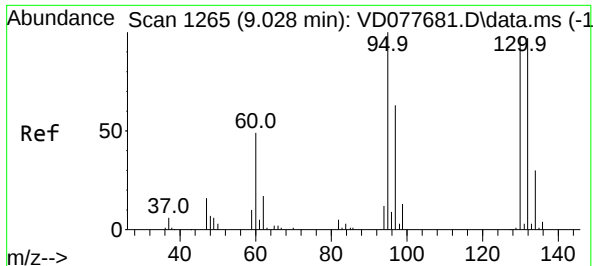
Tgt Ion: 84 Resp: 8355
Ion Ratio Lower Upper
84 100
86 66.3 46.5 86.5
49 133.7 98.3 182.7



#25
Chloroform
Concen: 0.474 ug/L
RT: 7.581 min Scan# 1019
Delta R.T. -0.018 min
Lab File: VD077691.D
Acq: 24 Nov 2023 14:54

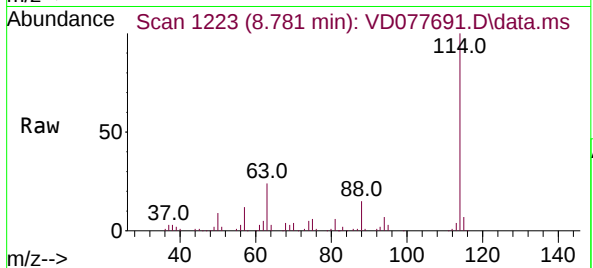
Tgt Ion: 83 Resp: 2720
Ion Ratio Lower Upper
83 100
85 137.4 45.9 85.3#



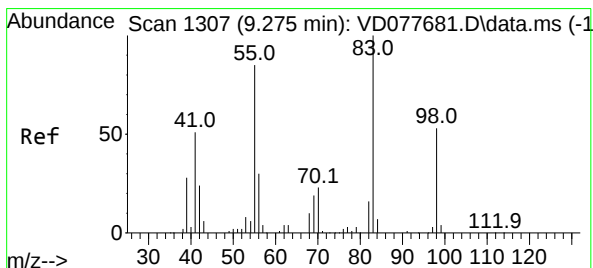
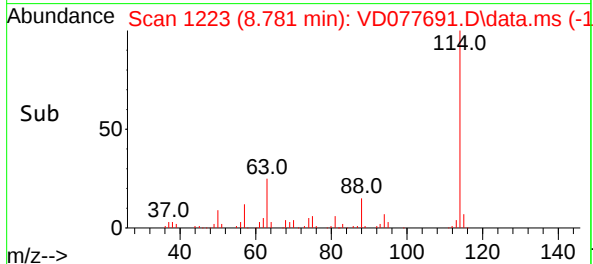
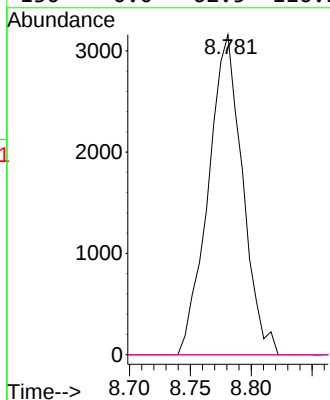


#34
 Trichloroethene
 Concen: 1.818 ug/L
 RT: 8.781 min Scan# 1296
 Delta R.T. -0.247 min
 Lab File: VD077691.D
 Acq: 24 Nov 2023 14:54

Instrument :
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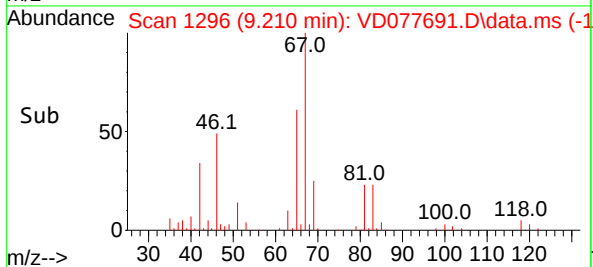
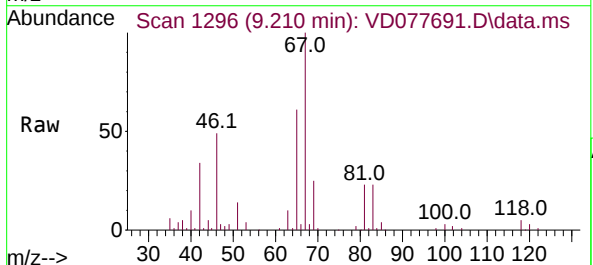
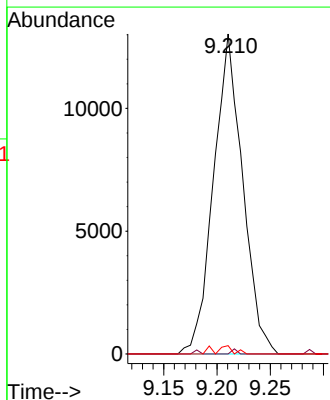


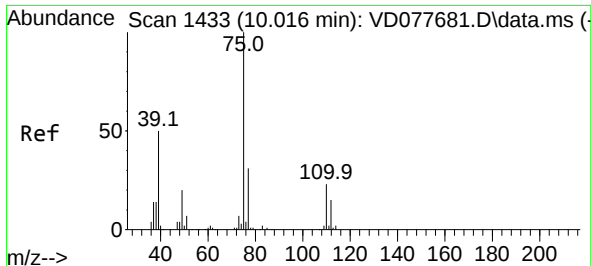
Tgt Ion:	95	Resp:	6188
Ion	Ratio	Lower	Upper
95	100		
97	0.0	42.4	78.6#
132	0.0	59.4	110.2#
130	0.0	62.5	116.1#



#35
 Methylcyclohexane
 Concen: 4.026 ug/L
 RT: 9.210 min Scan# 1296
 Delta R.T. -0.065 min
 Lab File: VD077691.D
 Acq: 24 Nov 2023 14:54

Tgt Ion:	83	Resp:	24726
Ion	Ratio	Lower	Upper
83	100		
55	0.0	66.5	99.7#
98	0.9	37.4	56.2#





#39

cis-1,3-Dichloropropene

Concen: 0.642 ug/L

RT: 9.975 min Scan# 1433

Delta R.T. -0.041 min

Lab File: VD077691.D

Acq: 24 Nov 2023 14:54

Instrument :

MSVOA_D

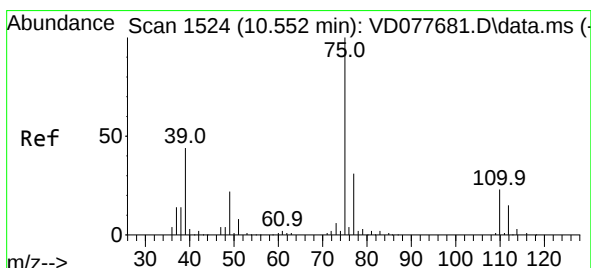
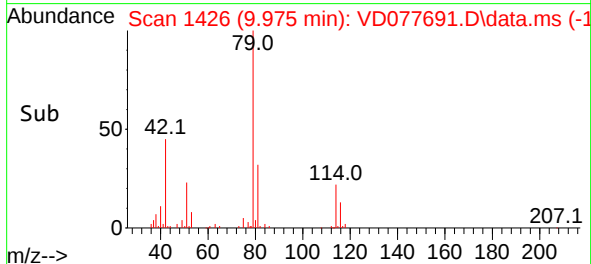
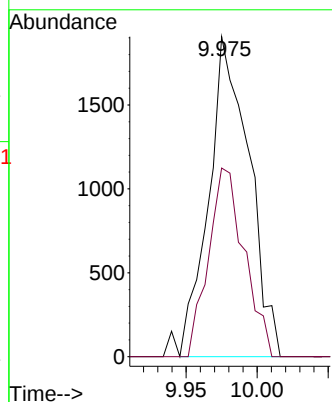
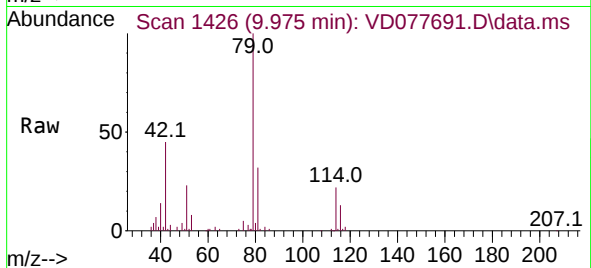
ClientSampleId :

Tgt Ion: 75 Resp: 3764

Ion Ratio Lower Upper

75 100

77 58.9 22.5 41.9#



#44

trans-1,3-Dichloropropene

Concen: 0.518 ug/L

RT: 10.528 min Scan# 1520

Delta R.T. -0.024 min

Lab File: VD077691.D

Acq: 24 Nov 2023 14:54

Tgt Ion: 75 Resp: 2512

Ion Ratio Lower Upper

75 100

77 32.2 22.3 41.5

