

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111823\
 Data File : VD077624.D
 Acq On : 18 Nov 2023 12:10
 Operator : JC/SY
 Sample : 05416-23
 Misc : 5.37G/10ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 19 23:23:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sun Nov 19 23:22:21 2023
 Response via : Initial Calibration

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

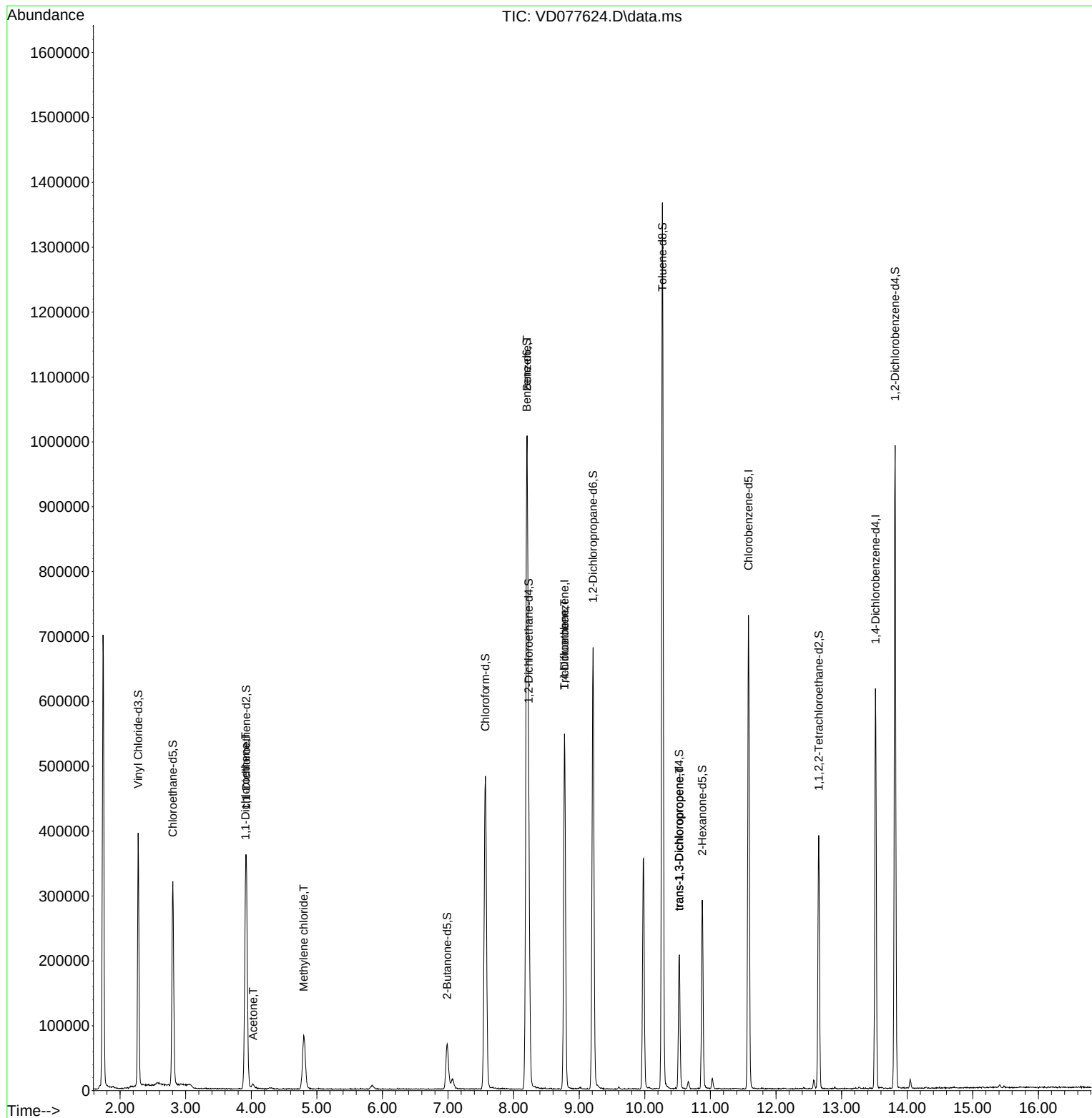
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	453400	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	393249	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	154956	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	353574	30.655	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery	= 122.640%		
7) Chloroethane-d5	2.805	69	321614	35.495	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery	= 142.000%		
11) 1,1-Dichloroethene-d2	3.922	65	112993	31.682	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery	= 126.720%#		
21) 2-Butanone-d5	6.987	46	127318	63.758	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery	= 127.520%		
24) Chloroform-d	7.569	84	505219	38.573	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery	= 154.280%#		
26) 1,2-Dichloroethane-d4	8.228	65	258564	37.113	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	= 148.440%#		
32) Benzene-d6	8.199	84	1025647	40.185	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery	= 160.720%#		
36) 1,2-Dichloropropane-d6	9.210	67	331287	39.849	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery	= 159.400%#		
41) Toluene-d8	10.269	98	911453	39.519	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery	= 158.080%#		
43) trans-1,3-Dichloroprop...	10.522	79	119107	33.228	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery	= 132.920%		
47) 2-Hexanone-d5	10.875	63	101660	68.355	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery	= 136.720%#		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	200579	36.414	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery	= 145.640%#		
66) 1,2-Dichlorobenzene-d4	13.816	152	252316	45.771	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery	= 183.080%#		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	3.911	96	1564	0.243	ug/L #	1
13) Acetone	4.028	43	10974	5.228	ug/L	91
16) Methylene chloride	4.799	84	57497	7.511	ug/L	92
33) Benzene	8.205	78	8549	0.313	ug/L	100
34) Trichloroethene	8.775	95	14011	2.073	ug/L #	10
44) trans-1,3-Dichloropropene	10.528	75	5301	0.551	ug/L #	75

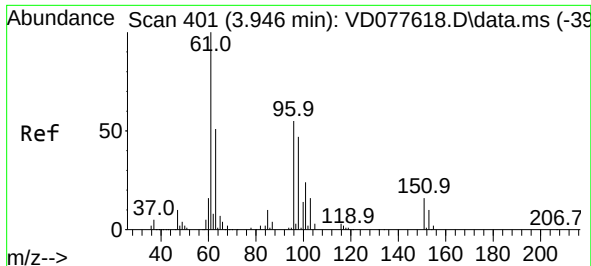
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
Quant Title : SFAM01.0
QLast Update : Sun Nov 19 23:22:21 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.243 ug/L

RT: 3.911 min Scan# 395

Delta R.T. -0.035 min

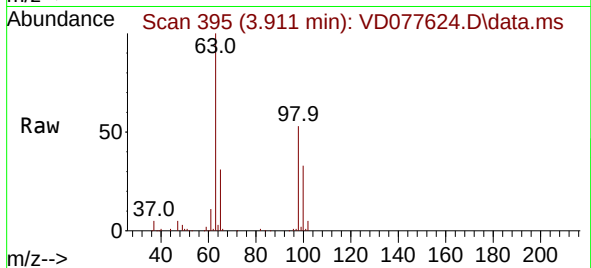
Lab File: VD077624.D

Acq: 18 Nov 2023 12:10

Instrument :

MSVOA_D

ClientSampleId :



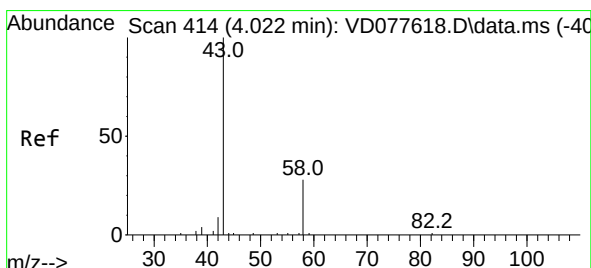
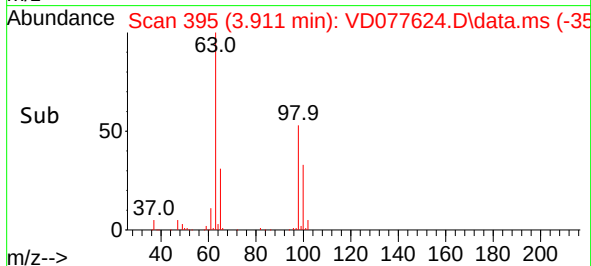
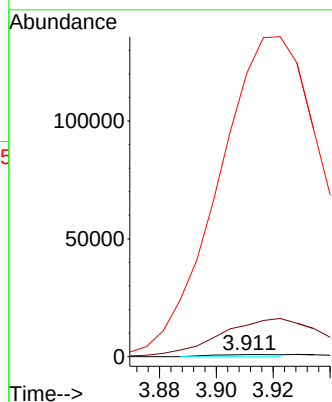
Tgt Ion: 96 Resp: 1564

Ion Ratio Lower Upper

96 100

61 1474.4 127.5 236.9#

63 13300.9 86.4 160.4#



#13

Acetone

Concen: 5.228 ug/L

RT: 4.028 min Scan# 415

Delta R.T. 0.006 min

Lab File: VD077624.D

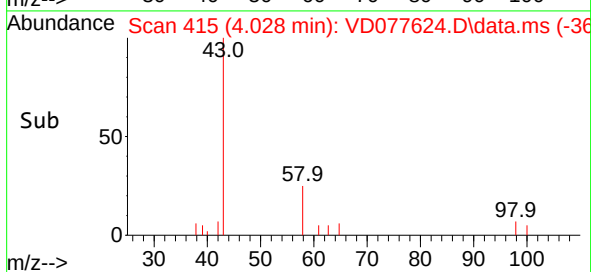
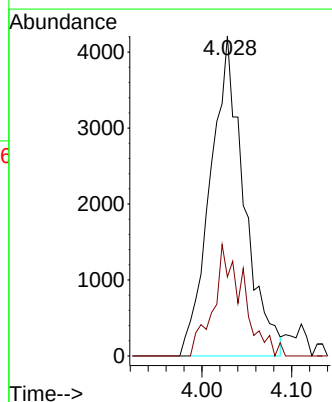
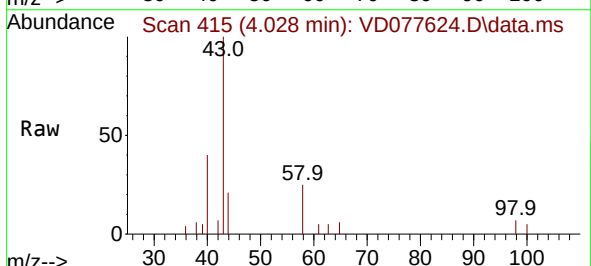
Acq: 18 Nov 2023 12:10

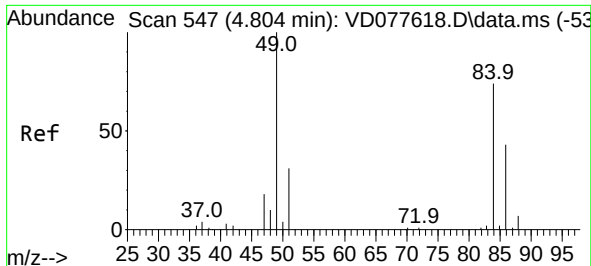
Tgt Ion: 43 Resp: 10974

Ion Ratio Lower Upper

43 100

58 27.1 0.0 64.0

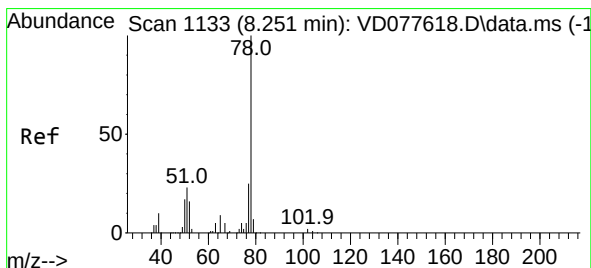
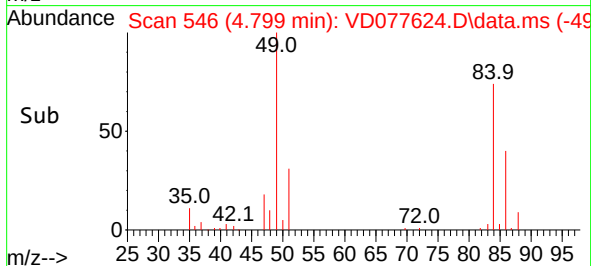
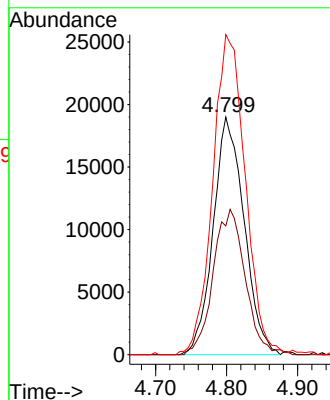
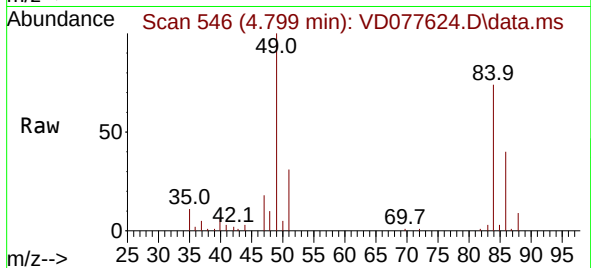




#16
Methylene chloride
Concen: 7.511 ug/L
RT: 4.799 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD077624.D
Acq: 18 Nov 2023 12:10

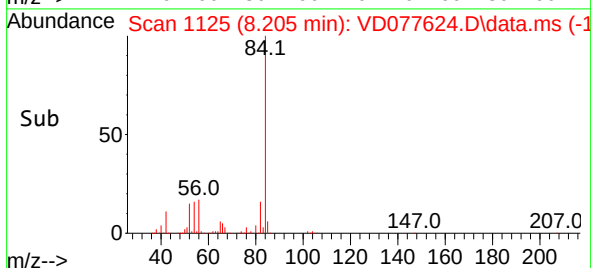
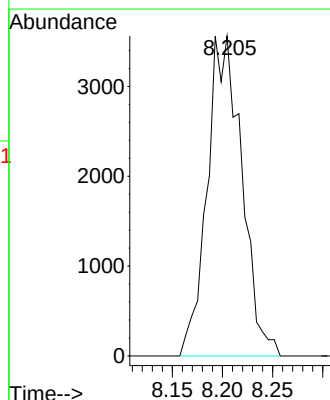
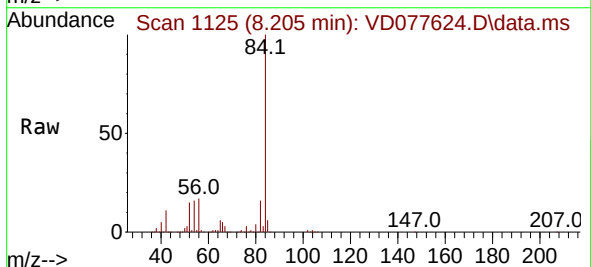
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MSVOA_D
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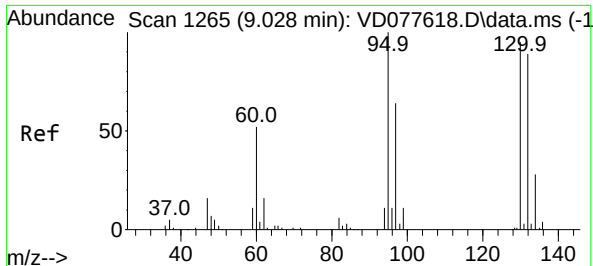
Tgt Ion: 84 Resp: 57497
Ion Ratio Lower Upper
84 100
86 54.2 46.5 86.5
49 134.7 98.3 182.7



#33
Benzene
Concen: 0.313 ug/L
RT: 8.205 min Scan# 1125
Delta R.T. -0.047 min
Lab File: VD077624.D
Acq: 18 Nov 2023 12:10

Tgt Ion: 78 Resp: 8549





#34

Trichloroethene

Concen: 2.073 ug/L

RT: 8.775 min Scan# 11

Delta R.T. -0.253 min

Lab File: VD077624.D

Acq: 18 Nov 2023 12:10

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 95 Resp: 14011

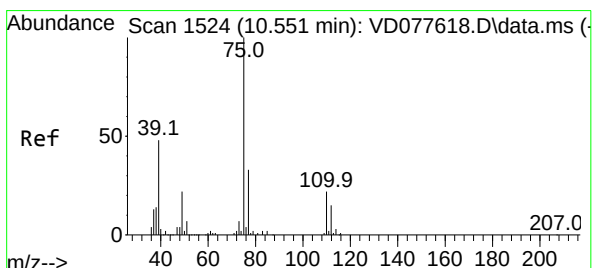
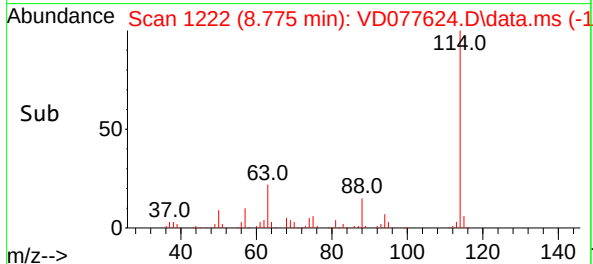
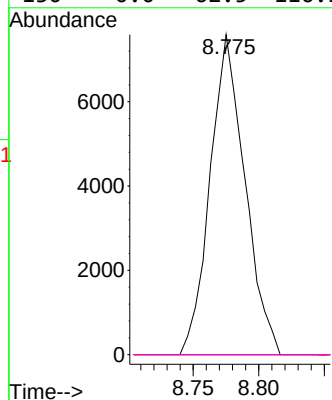
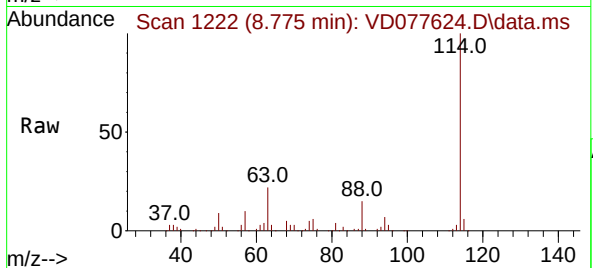
Ion Ratio Lower Upper

95 100

97 0.0 42.4 78.6#

132 0.0 59.4 110.2#

130 0.0 62.5 116.1#



#44

trans-1,3-Dichloropropene

Concen: 0.551 ug/L

RT: 10.528 min Scan# 1520

Delta R.T. -0.023 min

Lab File: VD077624.D

Acq: 18 Nov 2023 12:10

Tgt Ion: 75 Resp: 5301

Ion Ratio Lower Upper

75 100

77 45.7 22.3 41.5#

