

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040323\
 Data File : VU053514.D
 Acq On : 03 Apr 2023 12:54
 Operator : JC/MD
 Sample : 02121-07ME 5X
 Misc : 5.46g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 04 02:20:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 01 04:51:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	277462	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	261710	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	148476	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	68423	31.670	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery =	63.340%		
7) Chloroethane-d5	1.896	69	61664	37.018	ug/L	-0.01
Spiked Amount	50.000	Range 70 - 130	Recovery =	74.040%		
11) 1,1-Dichloroethene-d2	2.559	63	87420	26.139	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery =	52.280%#		
21) 2-Butanone-d5	4.613	46	90938	92.967	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery =	92.970%		
24) Chloroform-d	5.057	84	133746	37.432	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery =	74.860%		
26) 1,2-Dichloroethane-d4	5.693	65	86276	40.863	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery =	81.720%		
32) Benzene-d6	5.719	84	266560	37.734	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery =	75.460%		
36) 1,2-Dichloropropane-d6	6.684	67	87528	40.537	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery =	81.080%		
41) Toluene-d8	7.893	98	253747	36.140	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery =	72.280%#		
43) trans-1,3-Dichloroprop...	8.176	79	42014	37.695	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery =	75.400%		
47) 2-Hexanone-d5	8.626	63	70732	95.984	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery =	95.980%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	138340	45.457	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery =	90.920%		
66) 1,2-Dichlorobenzene-d4	12.188	152	120818	38.983	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery =	77.960%#		

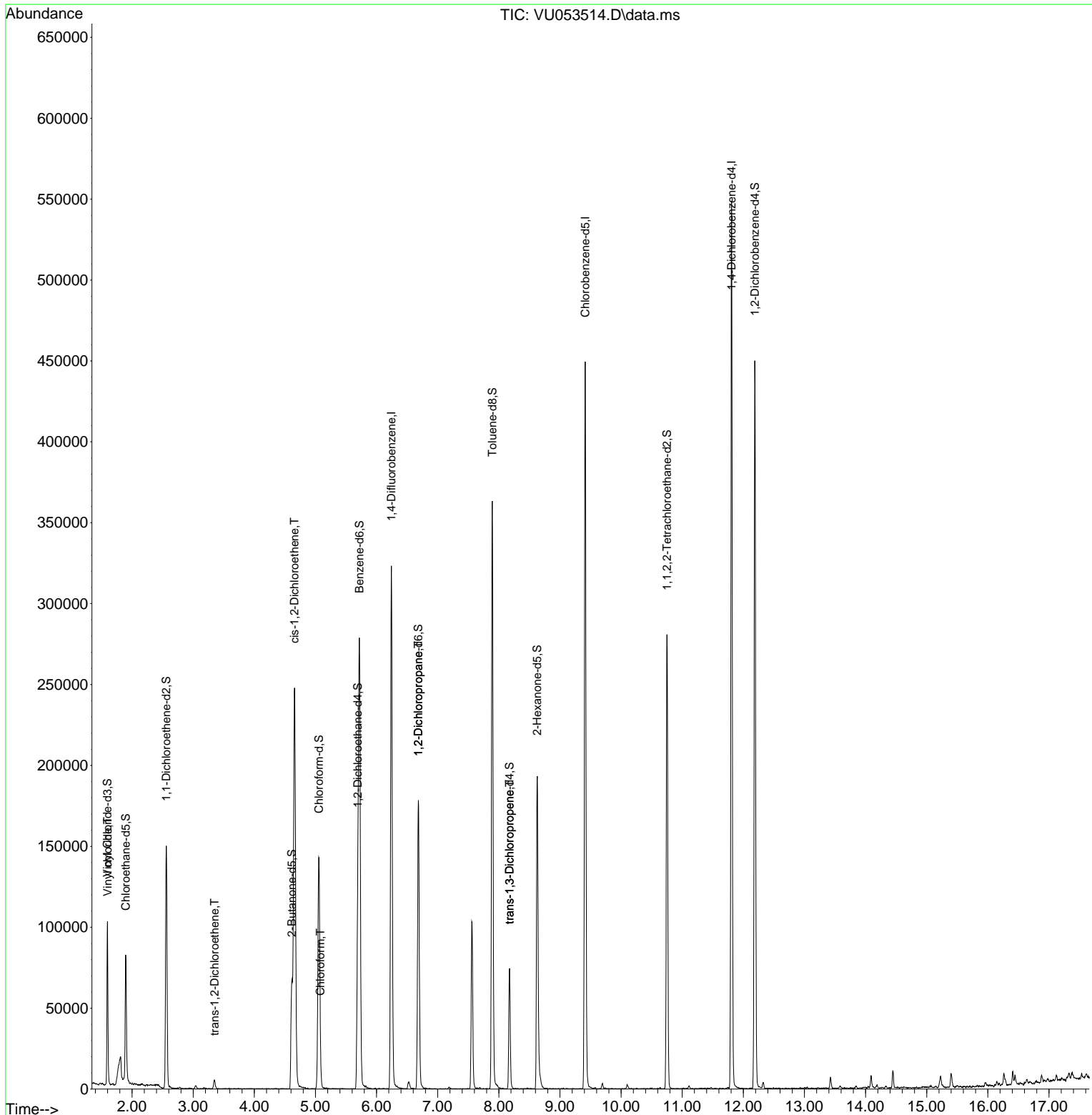
Target Compounds						Qvalue
5) Vinyl chloride	1.600	62	2417	1.127	ug/L #	47
17) trans-1,2-Dichloroethene	3.350	96	1494	0.873	ug/L	96
20) cis-1,2-Dichloroethene	4.658	96	134918	68.267	ug/L	95
25) Chloroform	5.083	83	1930	0.594	ug/L	92
37) 1,2-Dichloropropane	6.684	63	9779	5.648	ug/L #	86
44) trans-1,3-Dichloropropene	8.176	75	2196	0.821	ug/L	95

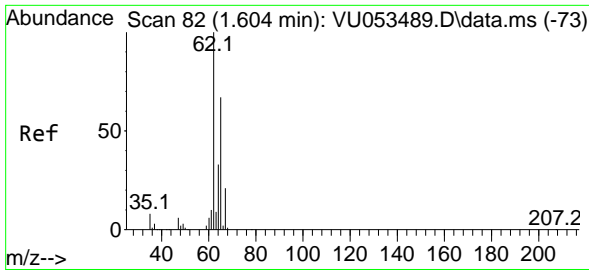
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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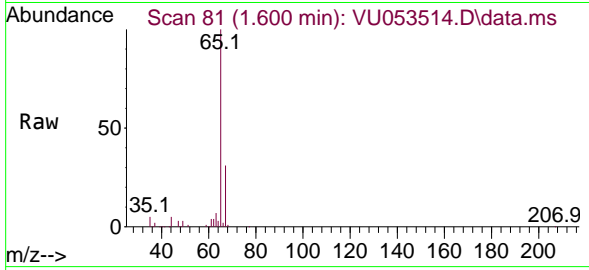
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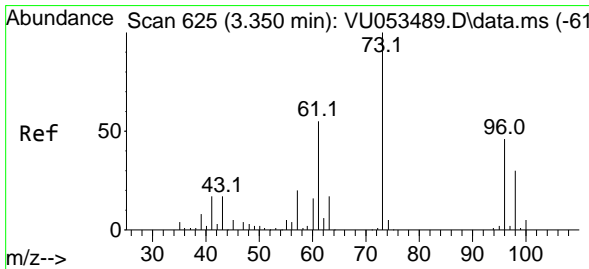
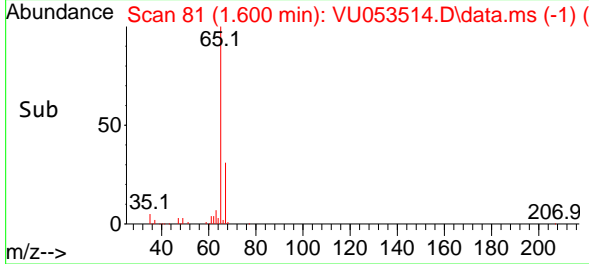
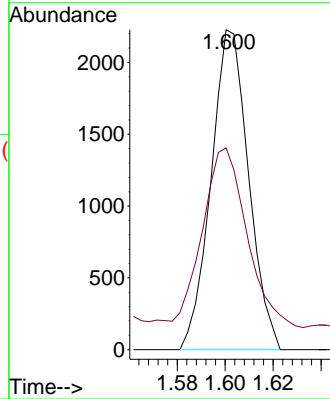


#5
 Vinyl chloride
 Concen: 1.127 ug/L
 RT: 1.600 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU053514.D
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Instrument :
 MSVOA_U
 ClientSampleId :

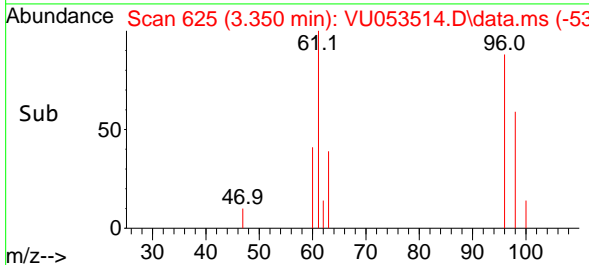
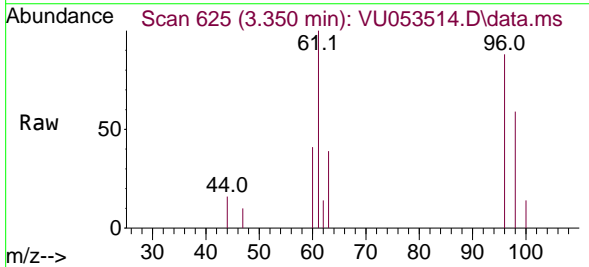
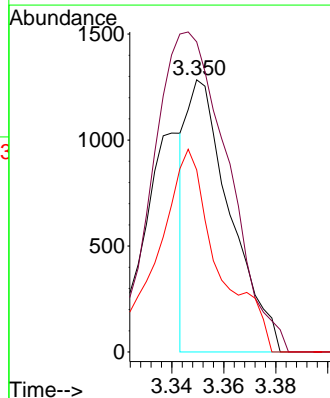


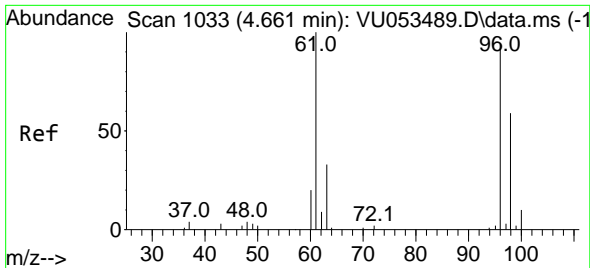
Tgt Ion: 62 Resp: 2417
 Ion Ratio Lower Upper
 62 100
 64 63.1 23.2 43.0#



#17
 trans-1,2-Dichloroethene
 Concen: 0.873 ug/L
 RT: 3.350 min Scan# 625
 Delta R.T. -0.000 min
 Lab File: VU053514.D
 Acq: 03 Apr 2023 12:54

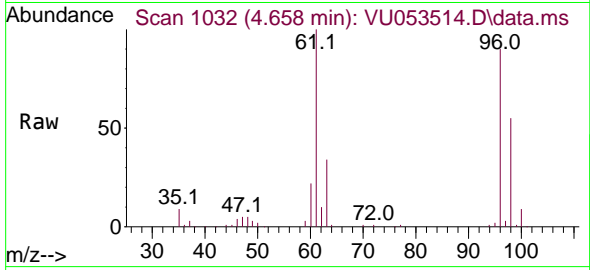
Tgt Ion: 96 Resp: 1494
 Ion Ratio Lower Upper
 96 100
 61 113.9 84.4 156.8
 98 66.9 46.0 85.4



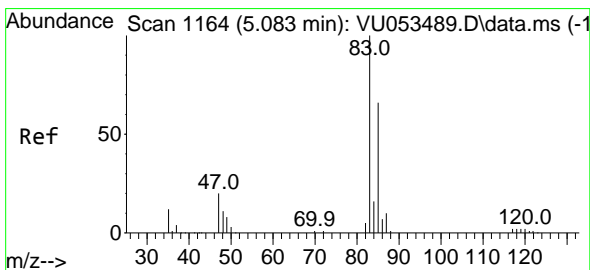
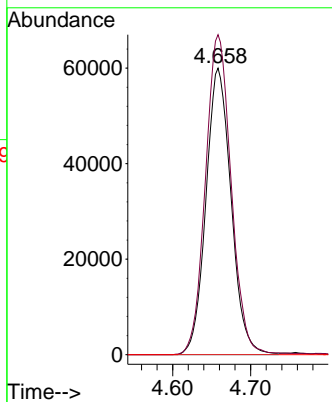
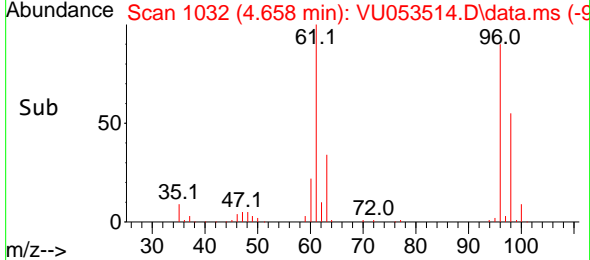


#20
 cis-1,2-Dichloroethene
 Concen: 68.267 ug/L
 RT: 4.658 min Scan# 1032
 Delta R.T. -0.003 min
 Lab File: VU053514.D
 Acq: 03 Apr 2023 12:54

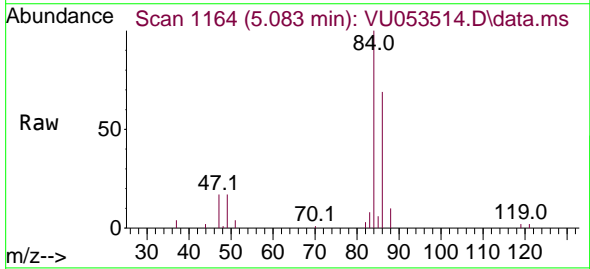
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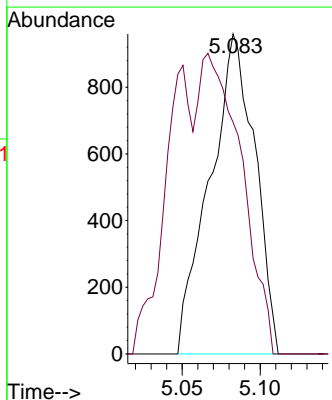
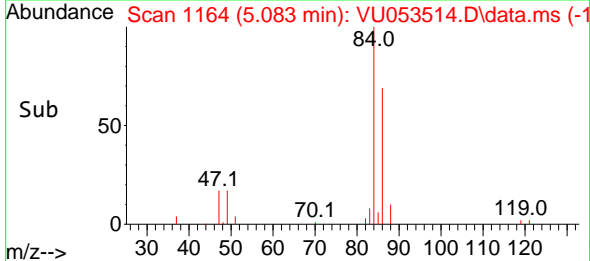
Tgt Ion: 96 Resp: 134918
 Ion Ratio Lower Upper
 96 100
 61 111.7 74.7 138.7
 68 0.0 0.0 0.0

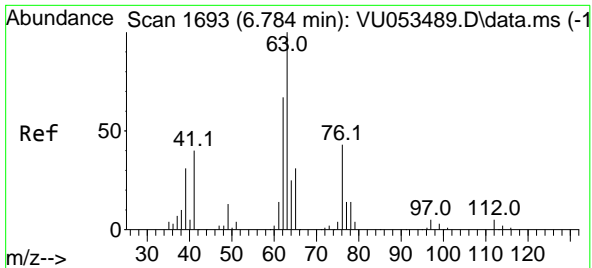


#25
 Chloroform
 Concen: 0.594 ug/L
 RT: 5.083 min Scan# 1164
 Delta R.T. -0.000 min
 Lab File: VU053514.D
 Acq: 03 Apr 2023 12:54



Tgt Ion: 83 Resp: 1930
 Ion Ratio Lower Upper
 83 100
 85 72.4 46.1 85.5

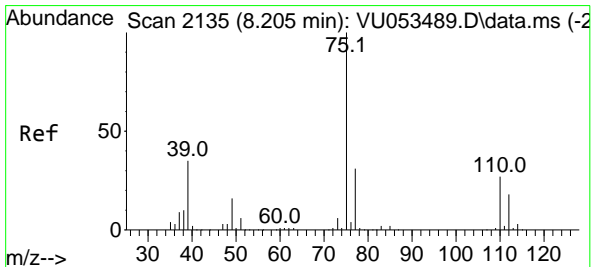
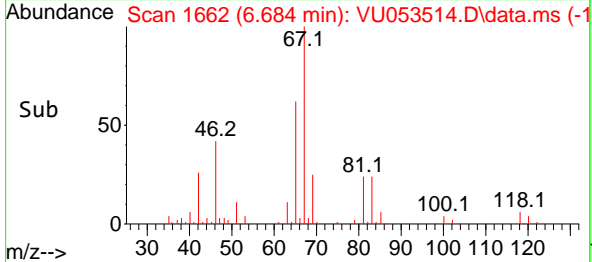
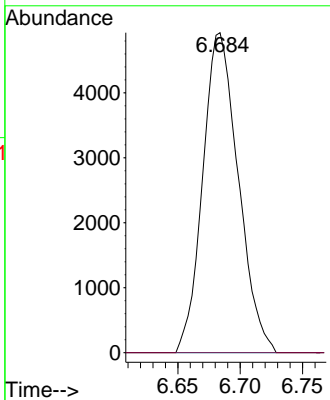
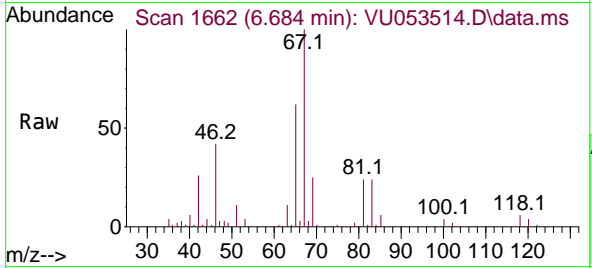




#37
 1,2-Dichloropropane
 Concen: 5.648 ug/L
 RT: 6.684 min Scan# 1662
 Delta R.T. -0.100 min
 Lab File: VU053514.D
 Acq: 03 Apr 2023 12:54

Instrument : MSVOA_U
 ClientSampleId :

Tgt Ion: 63 Resp: 9779
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.6#



#44
 trans-1,3-Dichloropropene
 Concen: 0.821 ug/L
 RT: 8.176 min Scan# 2126
 Delta R.T. -0.029 min
 Lab File: VU053514.D
 Acq: 03 Apr 2023 12:54

Tgt Ion: 75 Resp: 2196
 Ion Ratio Lower Upper
 75 100
 77 33.6 21.8 40.4

