

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012624\
 Data File : VU057683.D
 Acq On : 26 Jan 2024 11:24
 Operator : MD/SY
 Sample : P1227-10DL 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 29 00:28:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jan 29 00:26:20 2024
 Response via : Initial Calibration

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

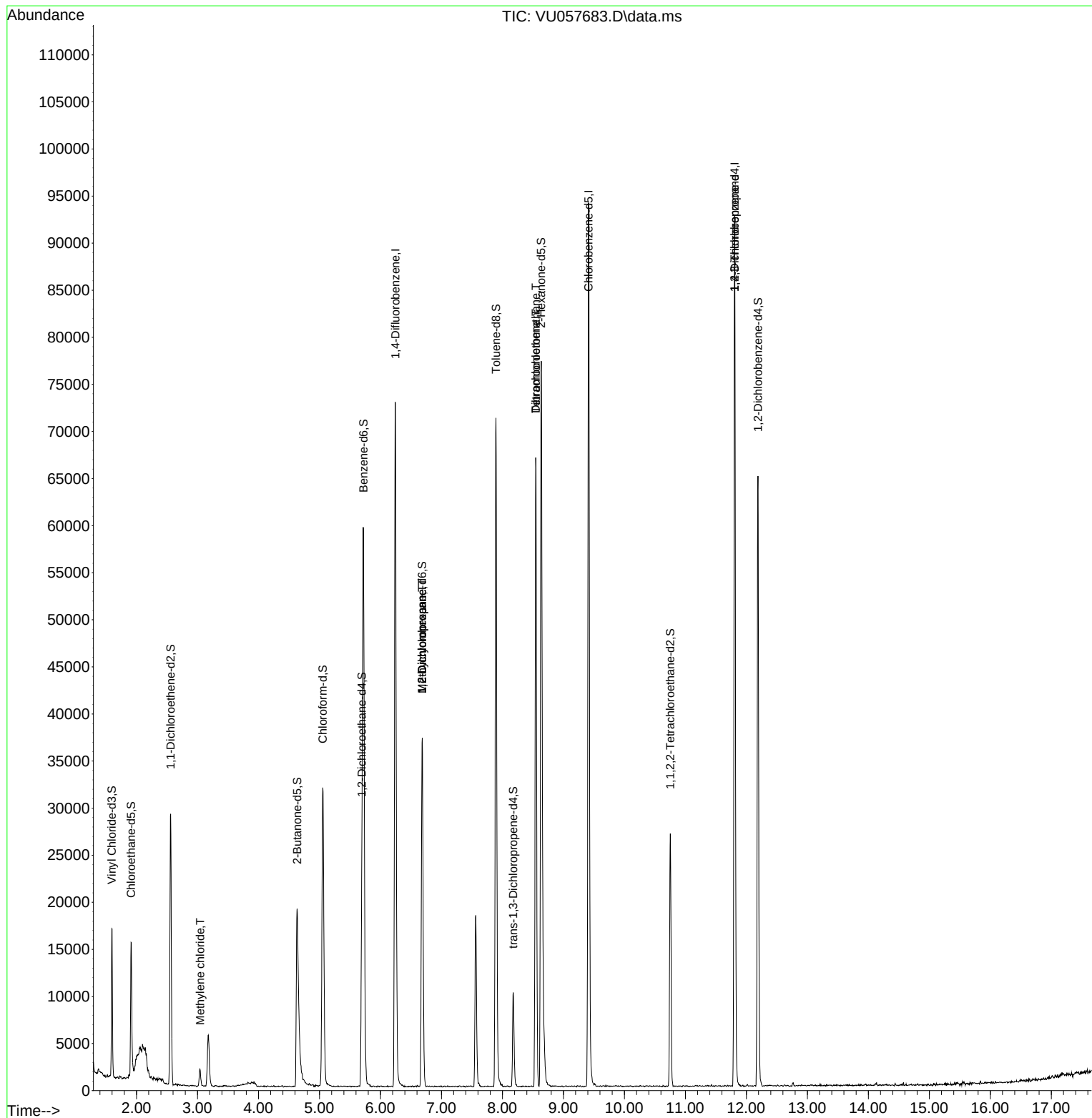
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	59510	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	53400	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	23835	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	11343	3.459	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	69.200%	
7) Chloroethane-d5	1.911	69	11099	4.040	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	80.800%	
11) 1,1-Dichloroethene-d2	2.560	65	5429	3.521	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	70.400%	
20) 2-Butanone-d5	4.634	46	33890	54.790	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	109.580%	
24) Chloroform-d	5.055	84	29422	4.421	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.400%	
26) 1,2-Dichloroethane-d4	5.695	65	15071	4.983	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.600%	
32) Benzene-d6	5.721	84	54628	4.361	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.200%	
36) 1,2-Dichloropropane-d6	6.685	67	17898	4.737	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.800%	
41) Toluene-d8	7.894	98	48078	4.043	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	80.800%	
43) trans-1,3-Dichloroprop...	8.177	79	6235	4.141	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	82.800%	
46) 2-Hexanone-d5	8.634	63	28989	60.341	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	120.680%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	13462	5.316	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	106.400%	
66) 1,2-Dichlorobenzene-d4	12.190	152	16521	4.939	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	98.800%	
Target Compounds						
					Qvalue	
16) Methylene chloride	3.042	84	850	0.183	ug/L	95
35) Methylcyclohexane	6.685	83	4083	0.501	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	2061	0.450	ug/L #	89
47) Tetrachloroethene	8.547	164	13628	3.673	ug/L	98
49) Dibromochloromethane	8.547	129	14191	3.677	ug/L #	10
61) 1,2,3-Trichloropropane	11.807	75	3188	1.333	ug/L #	64

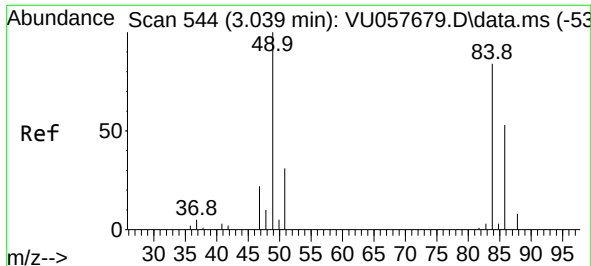
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
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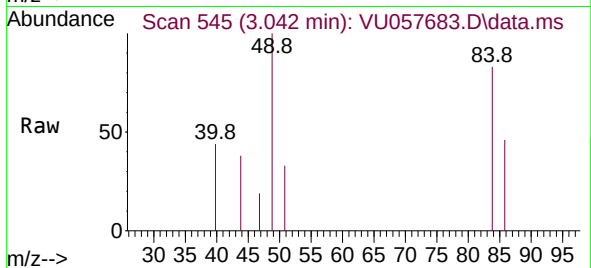
Quant Time: Jan 29 00:28:18 2024
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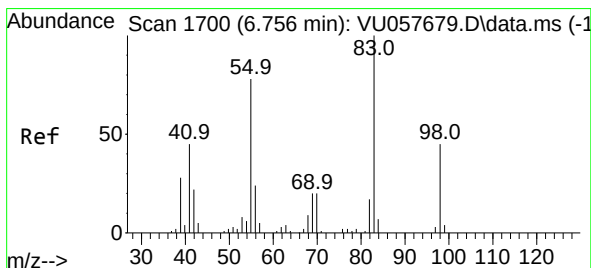
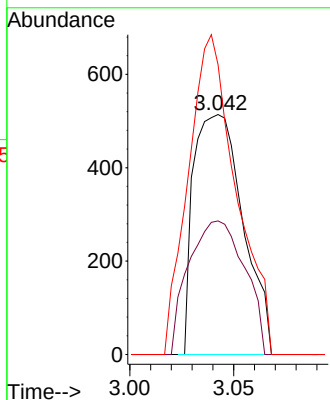
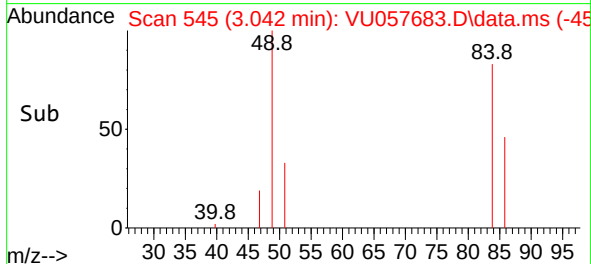


#16
Methylene chloride
Concen: 0.183 ug/L
RT: 3.042 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU057683.D
Acq: 26 Jan 2024 11:24

Instrument :
MSVOA_U
ClientSampleId :

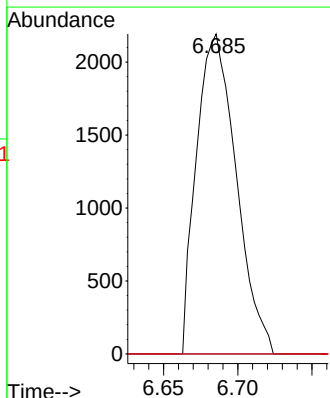
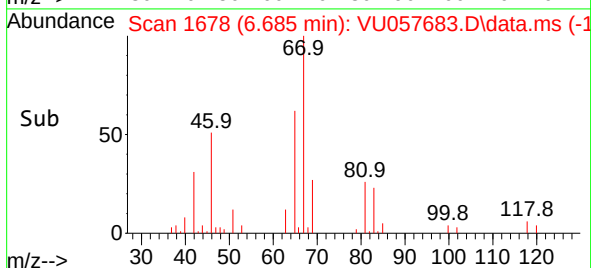
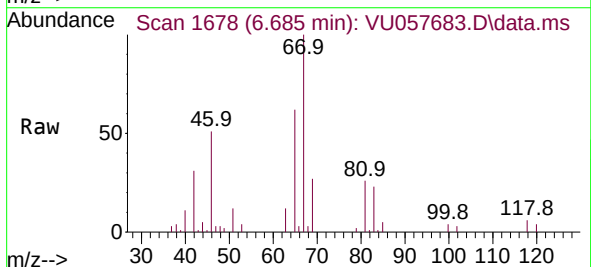


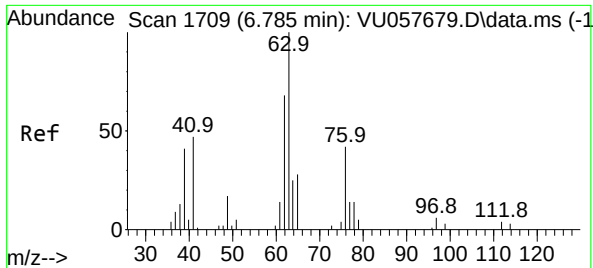
Tgt Ion: 84 Resp: 850
Ion Ratio Lower Upper
84 100
86 55.6 43.5 80.9
49 120.8 82.5 153.1



#35
Methylcyclohexane
Concen: 0.501 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.071 min
Lab File: VU057683.D
Acq: 26 Jan 2024 11:24

Tgt Ion: 83 Resp: 4083
Ion Ratio Lower Upper
83 100
55 0.0 61.4 92.0#
98 0.0 38.2 57.4#

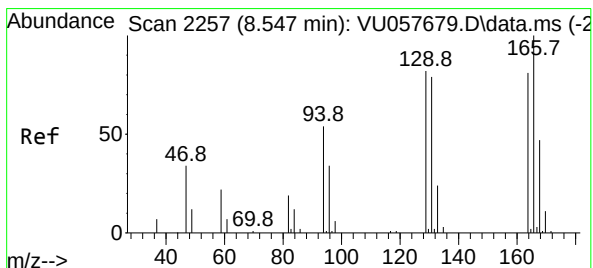
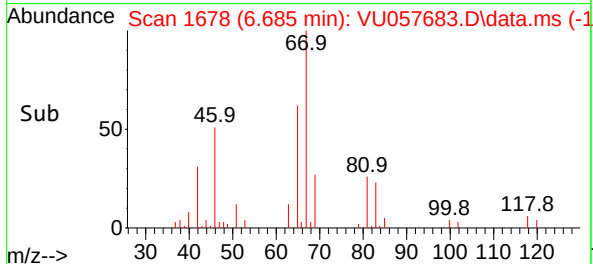
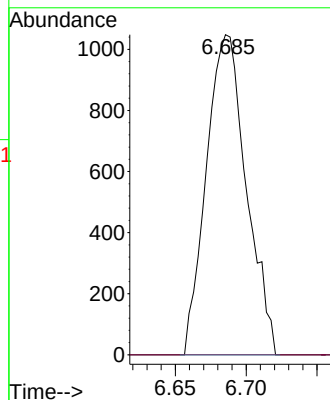
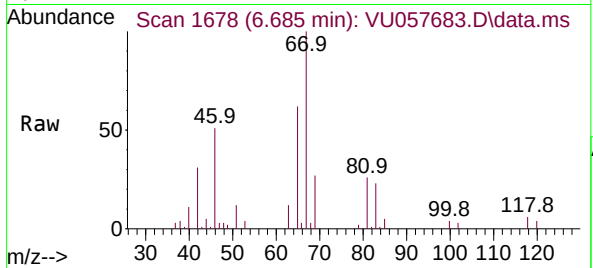




#37
1,2-Dichloropropane
Concen: 0.450 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU057683.D
Acq: 26 Jan 2024 11:24

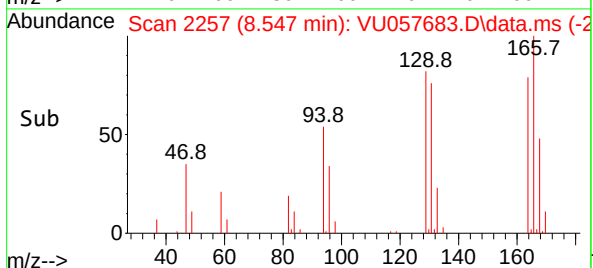
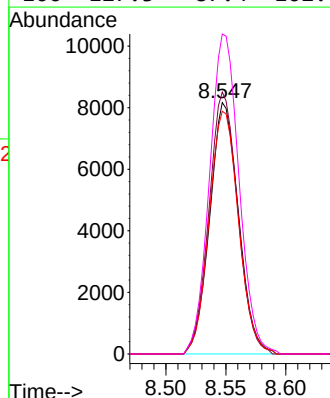
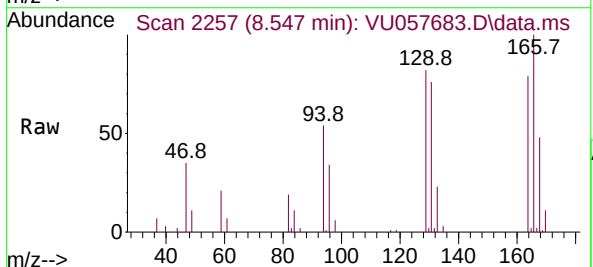
Instrument :
MSVOA_U
ClientSampleId :

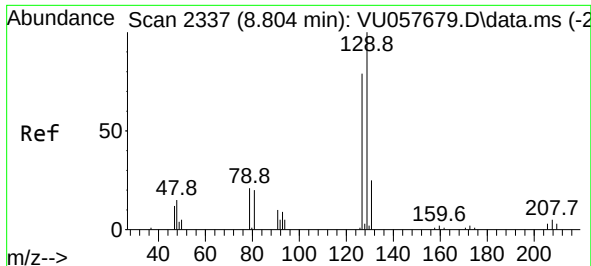
Tgt Ion: 63 Resp: 2061
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



#47
Tetrachloroethene
Concen: 3.673 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VU057683.D
Acq: 26 Jan 2024 11:24

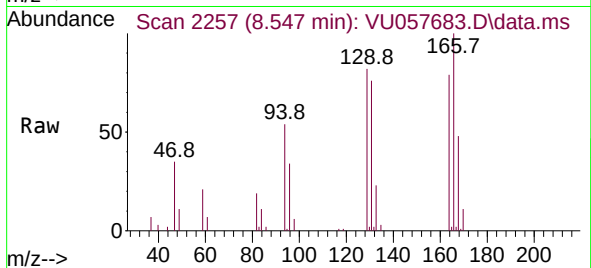
Tgt Ion:164 Resp: 13628
Ion Ratio Lower Upper
164 100
129 104.2 71.3 132.5
131 96.6 68.1 126.5
166 127.3 87.4 162.4



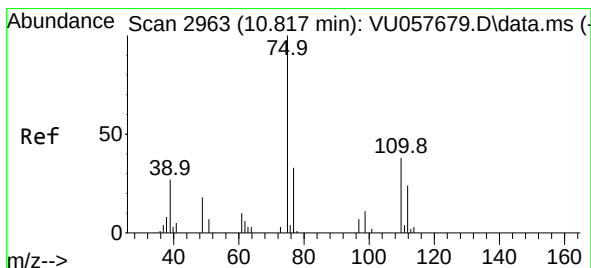
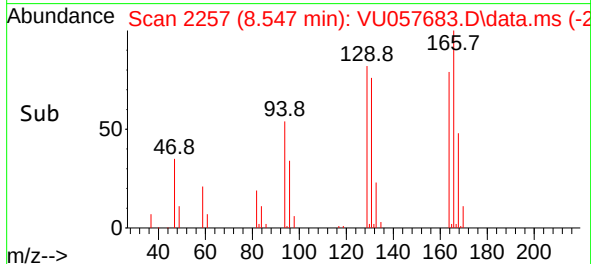
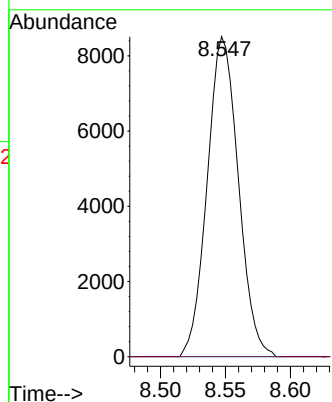


#49
Dibromochloromethane
Concen: 3.677 ug/L
RT: 8.547 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU057683.D
Acq: 26 Jan 2024 11:24

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:129 Resp: 14191
Ion Ratio Lower Upper
129 100
127 0.0 54.5 101.1#



#61
1,2,3-Trichloropropane
Concen: 1.333 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU057683.D
Acq: 26 Jan 2024 11:24

Tgt Ion: 75 Resp: 3188
Ion Ratio Lower Upper
75 100
110 0.0 30.1 45.1#
77 29.6 25.5 38.3

