

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092623\
 Data File : VU055512.D
 Acq On : 26 Sep 2023 13:07
 Operator : MD/SY
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 27 04:48:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 27 04:44:22 2023
 Response via : Initial Calibration

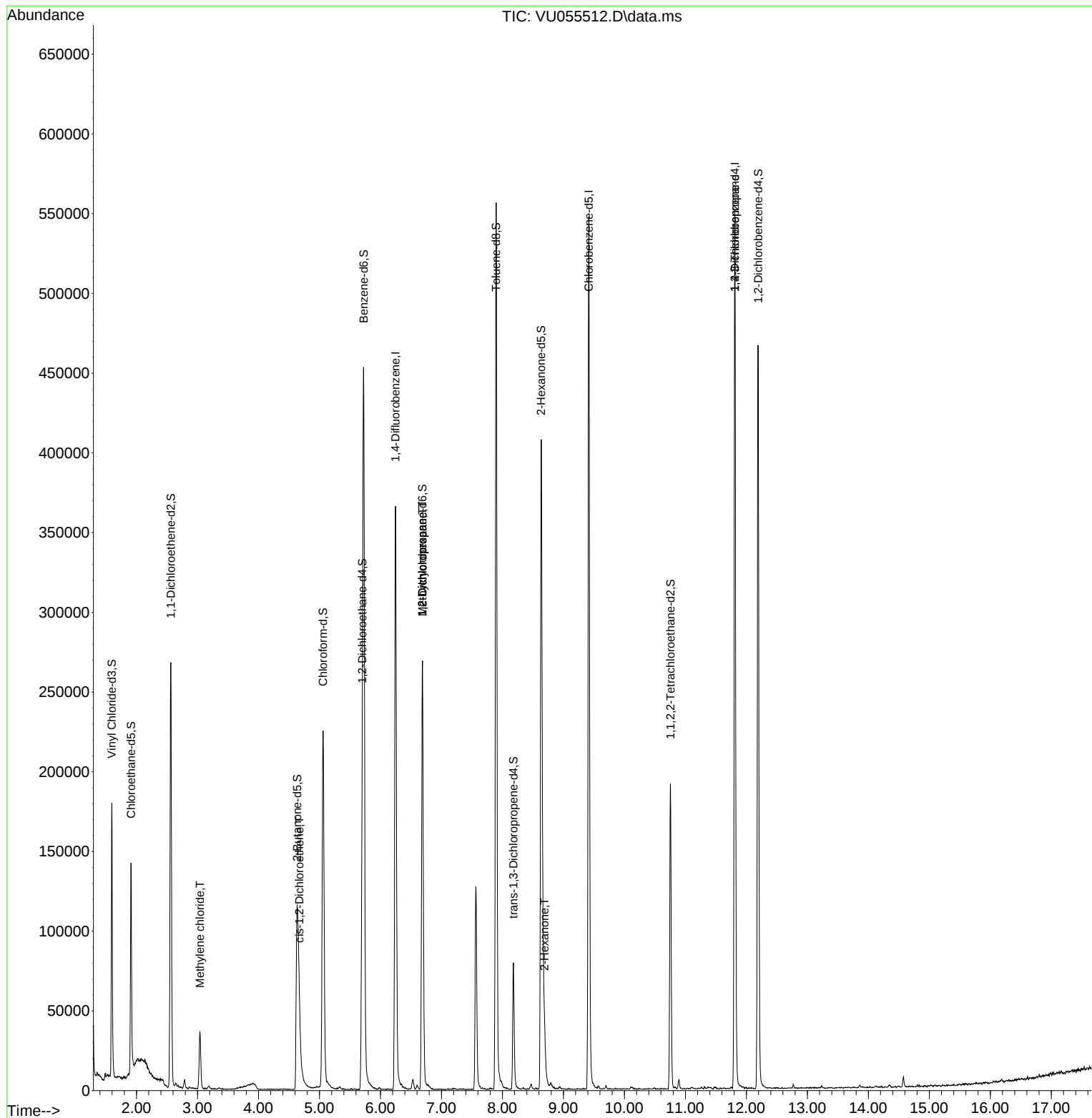
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	309601	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	312476	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	152737	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	126186	4.033	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	80.600%	
7) Chloroethane-d5	1.911	69	95743	3.472	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	69.400%	
11) 1,1-Dichloroethene-d2	2.563	65	49210	3.821	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	76.400%	
20) 2-Butanone-d5	4.634	46	225497	39.898	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	79.800%	
24) Chloroform-d	5.058	84	217469	3.842	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	76.800%	
26) 1,2-Dichloroethane-d4	5.701	65	105130	3.862	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	77.200%	
32) Benzene-d6	5.724	84	444994	4.071	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	81.400%	
36) 1,2-Dichloropropane-d6	6.688	67	135795	4.158	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	83.200%	
41) Toluene-d8	7.897	98	385429	3.869	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	77.400%	
43) trans-1,3-Dichloroprop...	8.180	79	47797	4.171	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	83.400%	
46) 2-Hexanone-d5	8.634	63	134940	38.711	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	77.420%	
56) 1,1,2,2-Tetrachloroeth...	10.756	84	97243	3.973	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	79.400%	
66) 1,2-Dichlorobenzene-d4	12.193	152	130825	4.244	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	84.800%	
Target Compounds						
16) Methylene chloride	3.039	84	18008	0.694	ug/L	99
22) cis-1,2-Dichloroethene	4.669	96	10256	0.405	ug/L	87
35) Methylcyclohexane	6.688	83	32281	0.881	ug/L #	21
37) 1,2-Dichloropropane	6.688	63	14311	0.608	ug/L #	89
48) 2-Hexanone	8.688	43	20571	2.488	ug/L #	85
61) 1,2,3-Trichloropropane	11.810	75	17158	1.439	ug/L #	68

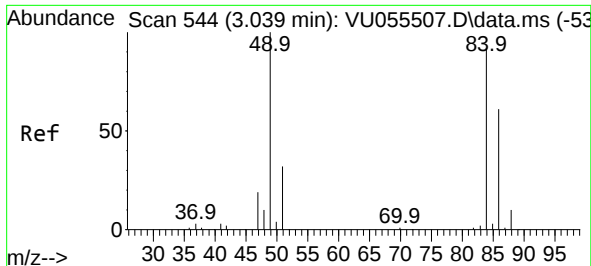
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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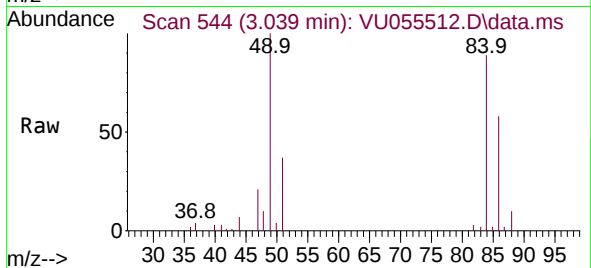
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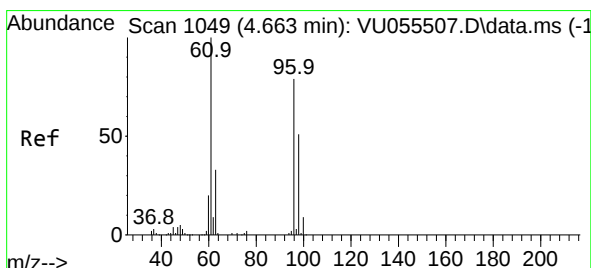
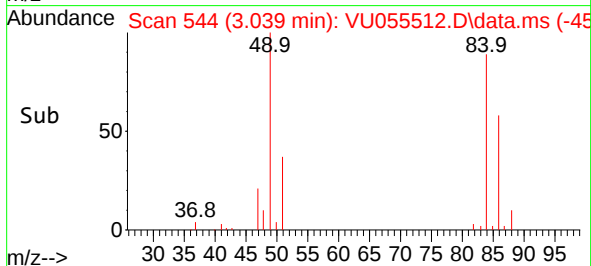
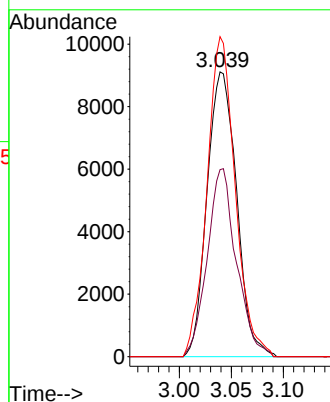


#16
Methylene chloride
Concen: 0.694 ug/L
RT: 3.039 min Scan# 54
Delta R.T. -0.000 min
Lab File: VU055512.D
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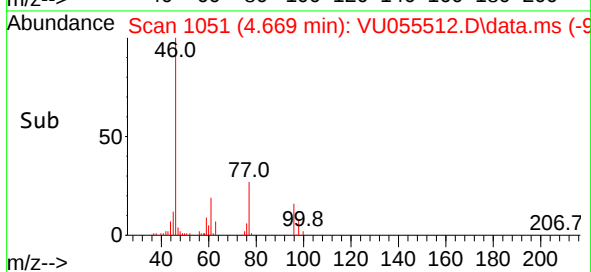
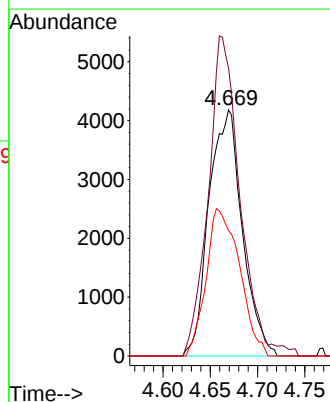
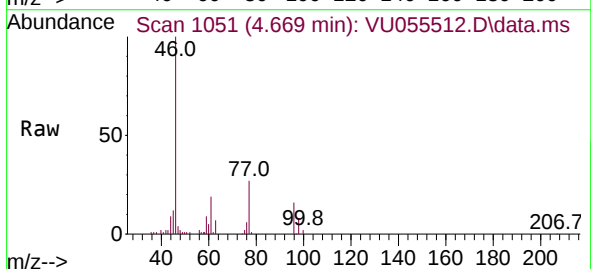


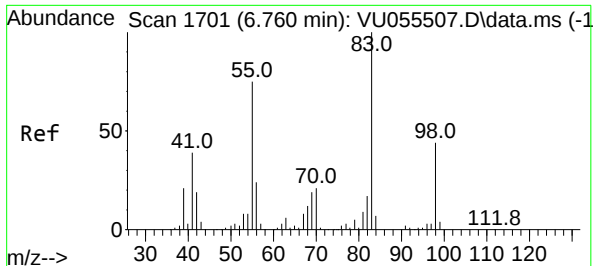
Tgt Ion: 84 Resp: 18008
Ion Ratio Lower Upper
84 100
86 65.7 44.9 83.3
49 112.3 78.8 146.3



#22
cis-1,2-Dichloroethene
Concen: 0.405 ug/L
RT: 4.669 min Scan# 1051
Delta R.T. 0.006 min
Lab File: VU055512.D
Acq: 26 Sep 2023 13:07

Tgt Ion: 96 Resp: 10256
Ion Ratio Lower Upper
96 100
61 113.9 87.8 163.2
98 49.7 44.4 82.4





#35

Methylcyclohexane

Concen: 0.881 ug/L

RT: 6.688 min Scan# 1679

Delta R.T. -0.071 min

Lab File: VU055512.D

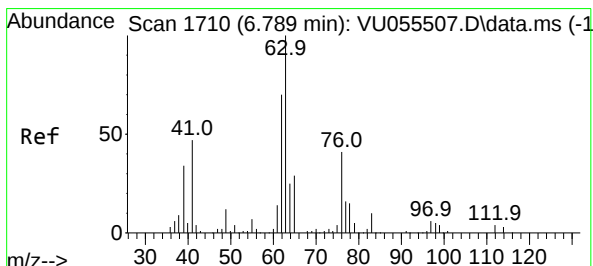
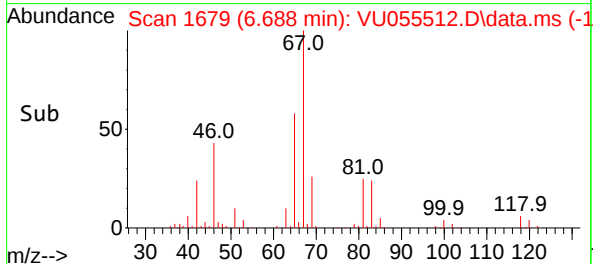
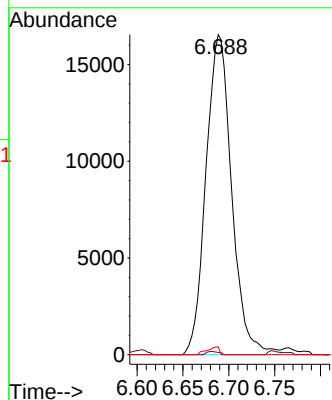
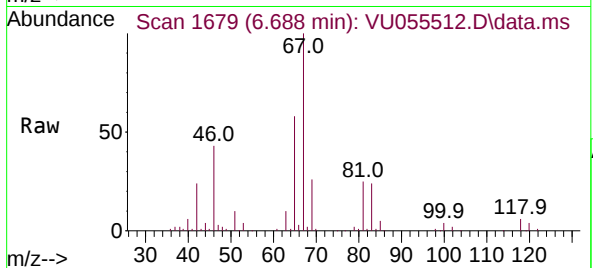
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Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 32281
Ion Ratio	Lower Upper
83	100
55	0.5 59.1 88.7#
98	1.1 36.3 54.5#



#37

1,2-Dichloropropane

Concen: 0.608 ug/L

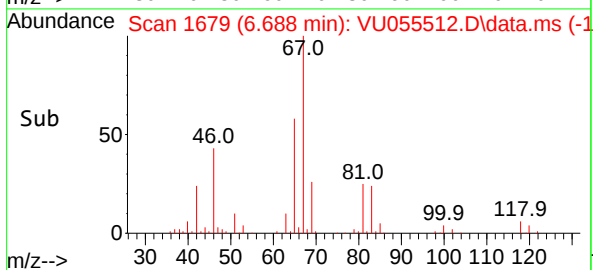
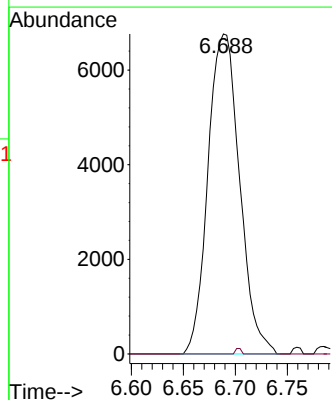
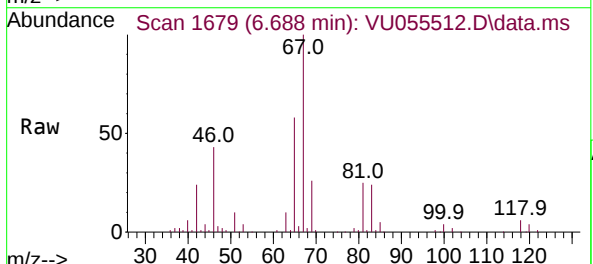
RT: 6.688 min Scan# 1679

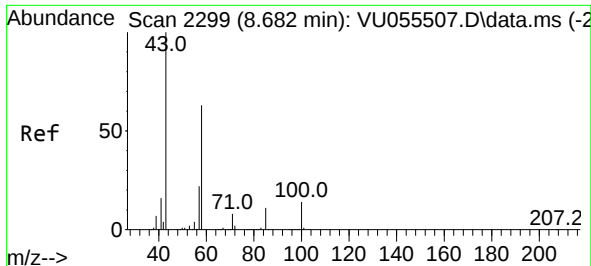
Delta R.T. -0.100 min

Lab File: VU055512.D

Acq: 26 Sep 2023 13:07

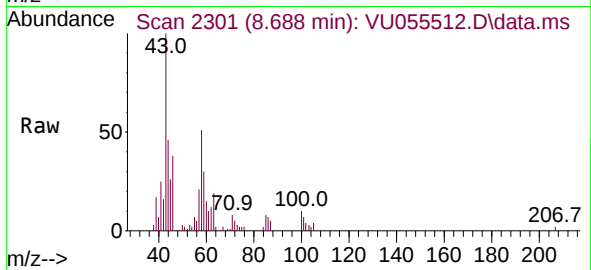
Tgt Ion: 63	Resp: 14311
Ion Ratio	Lower Upper
63	100
112	0.3 3.0 4.6#



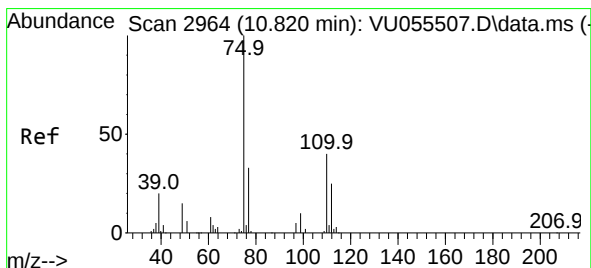
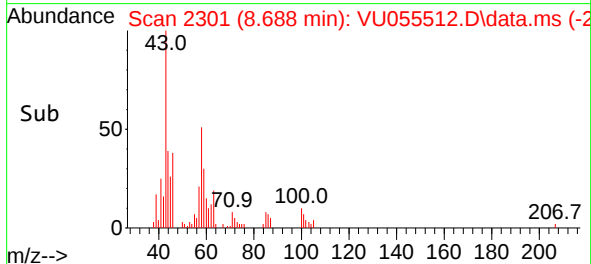
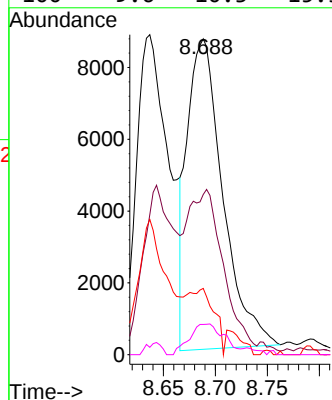


#48
2-Hexanone
Concen: 2.488 ug/L
RT: 8.688 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU055512.D
Acq: 26 Sep 2023 13:07

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MSVOA_U
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Tgt Ion:	43	Resp:	20571
Ion	Ratio	Lower	Upper
43	100		
58	55.6	48.5	72.7
57	0.0	17.0	25.4#
100	9.6	10.3	15.5#



#61
1,2,3-Trichloropropane
Concen: 1.439 ug/L
RT: 11.810 min Scan# 3272
Delta R.T. 0.990 min
Lab File: VU055512.D
Acq: 26 Sep 2023 13:07

Tgt Ion:	75	Resp:	17158
Ion	Ratio	Lower	Upper
75	100		
110	2.6	30.6	45.8#
77	32.6	26.7	40.1

