

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022124\
 Data File : VW034314.D
 Acq On : 21 Feb 2024 13:05
 Operator : SY/MD
 Sample : P1503-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 22 00:21:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 22 00:18:57 2024
 Response via : Initial Calibration

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

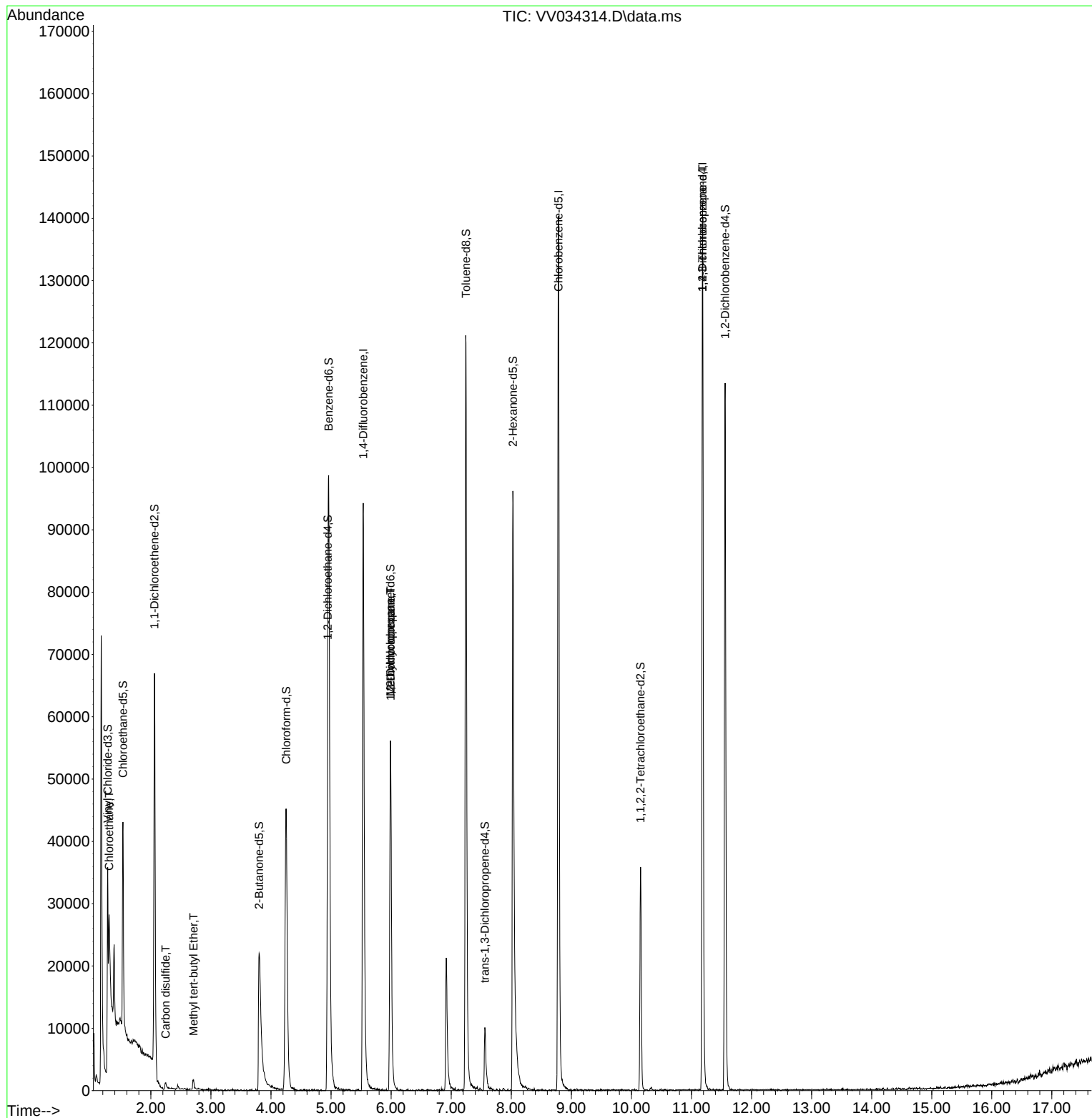
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	82820	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	74879	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	36200	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	20755	3.236	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	64.800%	
7) Chloroethane-d5	1.536	69	19365	3.447	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	69.000%	
11) 1,1-Dichloroethene-d2	2.060	65	10878	3.517	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	70.400%	
20) 2-Butanone-d5	3.802	46	44291	41.115	ug/L	-0.04
Spiked Amount	50.000	Range 40 - 130	Recovery	=	82.220%	
24) Chloroform-d	4.252	84	49287	4.229	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.600%	
26) 1,2-Dichloroethane-d4	4.944	65	24403	4.480	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.600%	
32) Benzene-d6	4.960	84	90145	4.013	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	80.200%	
36) 1,2-Dichloropropane-d6	5.989	67	25762	4.102	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	82.000%	
41) Toluene-d8	7.246	98	82043	3.974	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	79.400%	
43) trans-1,3-Dichloroprop...	7.561	79	6822	2.877	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	57.600%	
46) 2-Hexanone-d5	8.027	63	34584	40.856	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	81.720%	
56) 1,1,2,2-Tetrachloroeth...	10.153	84	16809	4.415	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	88.400%	
66) 1,2-Dichlorobenzene-d4	11.561	152	28904	4.390	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	87.800%	
Target Compounds						Qvalue
8) Chloroethane	1.304	64	50882	9.428	ug/L #	53
14) Carbon disulfide	2.246	76	2234	0.119	ug/L #	74
17) Methyl tert-butyl Ether	2.712	73	1410	0.119	ug/L #	93
35) Methylcyclohexane	5.989	83	6786	0.665	ug/L #	17
37) 1,2-Dichloropropane	5.992	63	3321	0.610	ug/L #	87
61) 1,2,3-Trichloropropane	11.185	75	4398	1.767	ug/L #	62

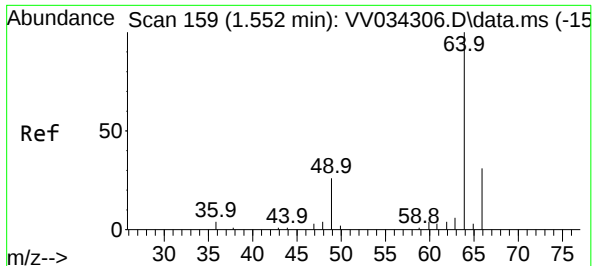
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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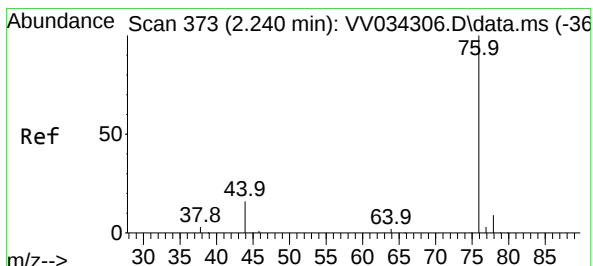
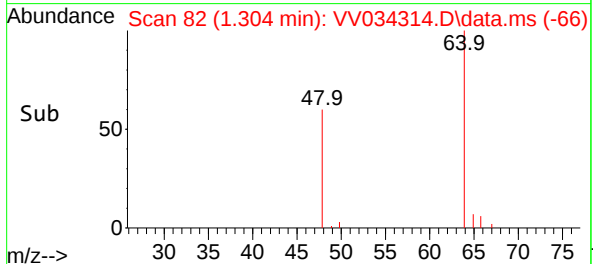
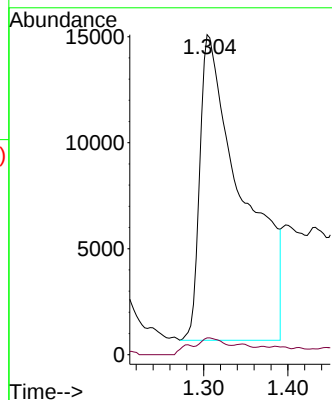
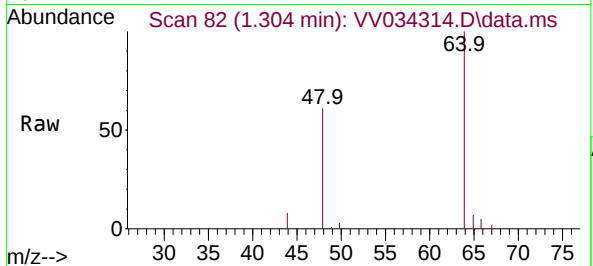




#8
Chloroethane
Concen: 9.428 ug/L
RT: 1.304 min Scan# 81
Delta R.T. -0.248 min
Lab File: VV034314.D
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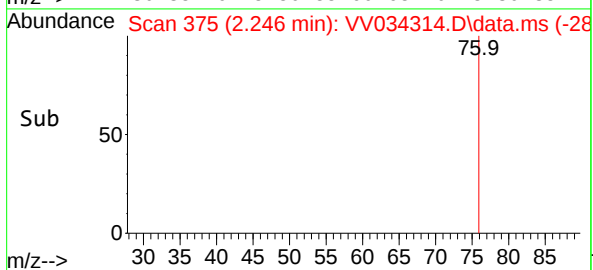
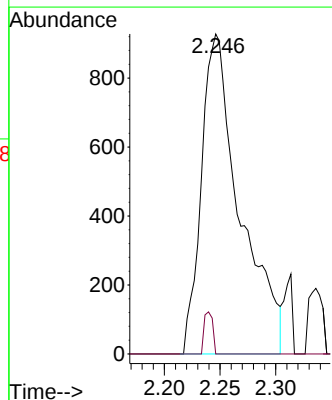
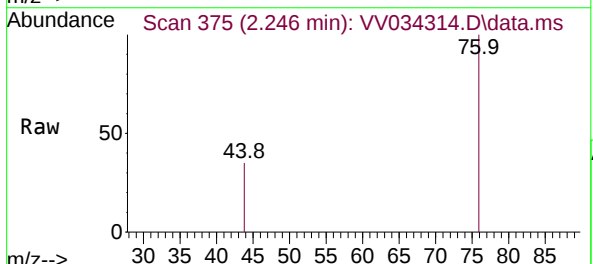
Instrument :
MSVOA_V
ClientSampleId :

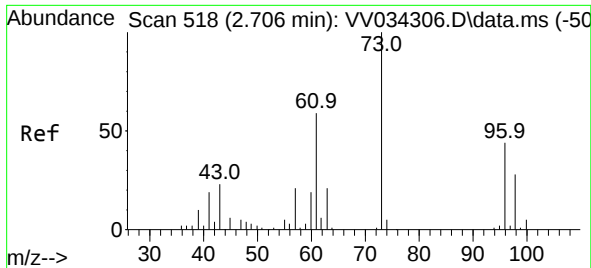
Tgt Ion: 64 Resp: 50882
Ion Ratio Lower Upper
64 100
66 5.2 22.0 41.0#



#14
Carbon disulfide
Concen: 0.119 ug/L
RT: 2.246 min Scan# 375
Delta R.T. 0.006 min
Lab File: VV034314.D
Acq: 21 Feb 2024 13:05

Tgt Ion: 76 Resp: 2234
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#

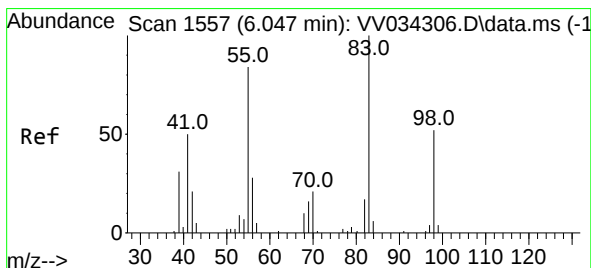
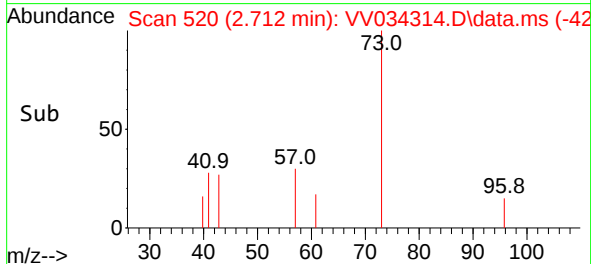
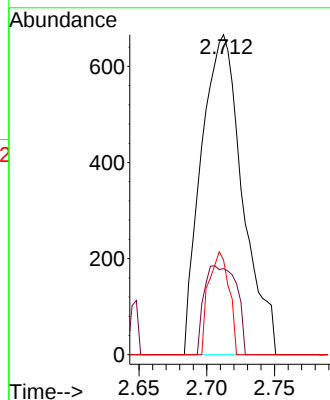
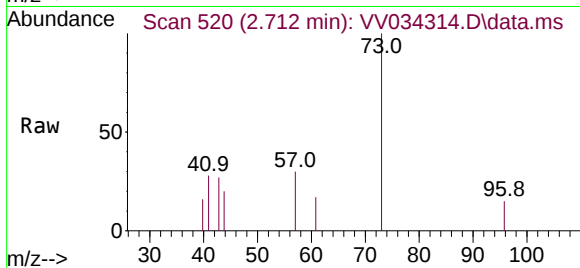




#17
Methyl tert-butyl Ether
Concen: 0.119 ug/L
RT: 2.712 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV034314.D
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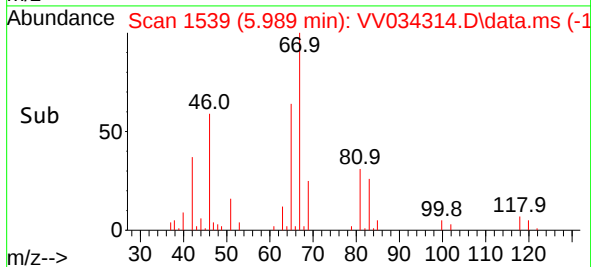
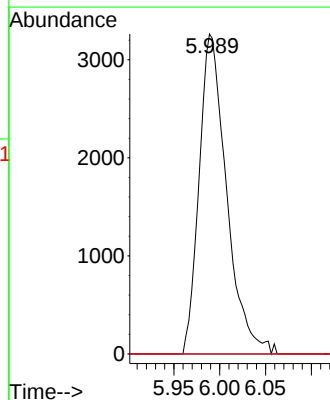
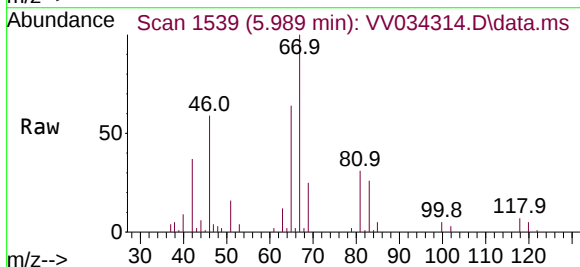
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MSVOA_V
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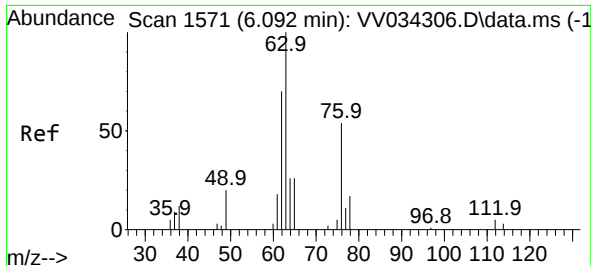
Tgt Ion: 73 Resp: 1410
Ion Ratio Lower Upper
73 100
43 21.6 17.7 26.5
57 15.8 17.9 26.9#



#35
Methylcyclohexane
Concen: 0.665 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.058 min
Lab File: VV034314.D
Acq: 21 Feb 2024 13:05

Tgt Ion: 83 Resp: 6786
Ion Ratio Lower Upper
83 100
55 0.0 63.5 95.3#
98 0.0 39.0 58.4#

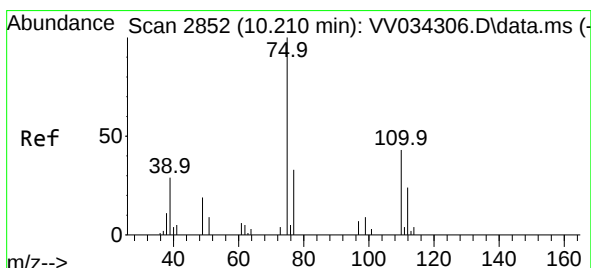
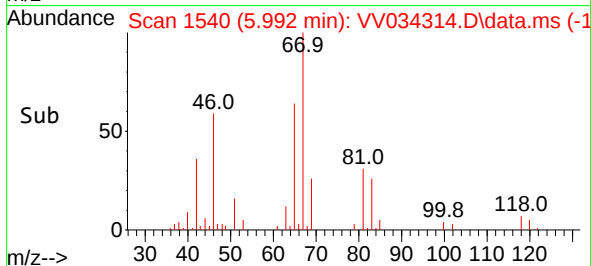
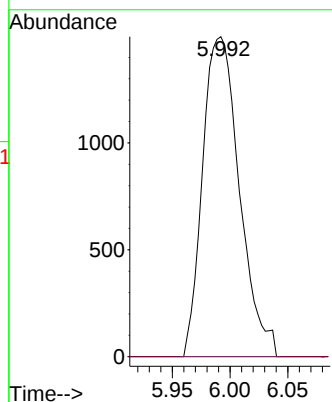
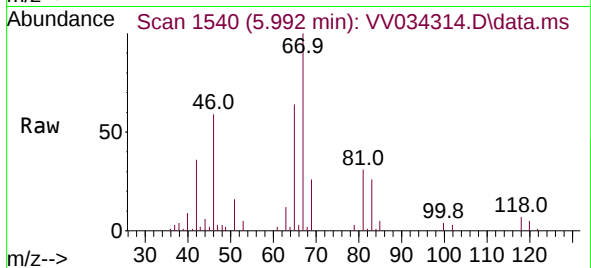




#37
1,2-Dichloropropane
Concen: 0.610 ug/L
RT: 5.992 min Scan# 11
Delta R.T. -0.100 min
Lab File: VV034314.D
Acq: 21 Feb 2024 13:05

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 3321
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#61
1,2,3-Trichloropropane
Concen: 1.767 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.974 min
Lab File: VV034314.D
Acq: 21 Feb 2024 13:05

Tgt Ion: 75 Resp: 4398
Ion Ratio Lower Upper
75 100
77 37.1 26.9 40.3
110 1.0 33.3 49.9#

