

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092324\
 Data File : VU060974.D
 Acq On : 23 Sep 2024 13:58
 Operator : MD/SY
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 24 06:09:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 24 06:06:45 2024
 Response via : Initial Calibration

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

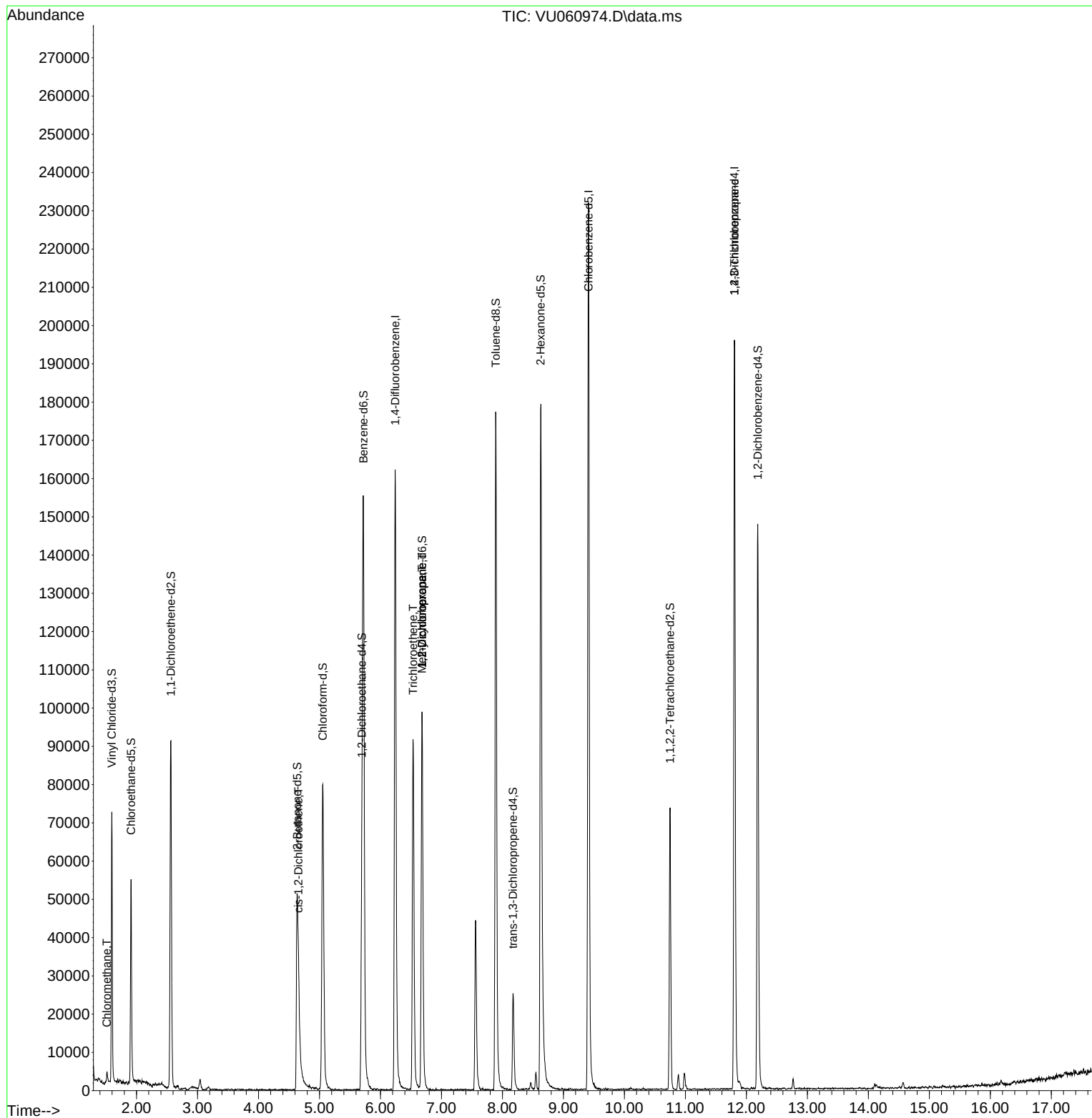
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	142285	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	146756	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	58526	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	49592	3.875	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.600%
7) Chloroethane-d5	1.911	69	40258	4.418	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.400%
11) 1,1-Dichloroethene-d2	2.563	65	18608	4.102	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.000%
20) 2-Butanone-d5	4.634	46	83909	40.842	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.680%
24) Chloroform-d	5.052	84	80889	4.135	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.600%
26) 1,2-Dichloroethane-d4	5.695	65	39638	4.239	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.800%
32) Benzene-d6	5.721	84	152520	3.878	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.600%
36) 1,2-Dichloropropane-d6	6.682	67	52888	4.346	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.000%
41) Toluene-d8	7.891	98	129857	3.621	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.400%
43) trans-1,3-Dichloroprop...	8.174	79	17962	4.100	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.000%
46) 2-Hexanone-d5	8.627	63	66501	38.483	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.960%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	38274	4.014	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	43419	4.415	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.515	50	1832	0.161	ug/L	91
22) cis-1,2-Dichloroethene	4.656	96	2822	0.275	ug/L	85
34) Trichloroethene	6.534	95	34320	3.244	ug/L	96
35) Methylcyclohexane	6.679	83	11711	0.807	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	4935	0.444	ug/L #	93
61) 1,2,3-Trichloropropane	11.804	75	6346	1.163	ug/L #	69

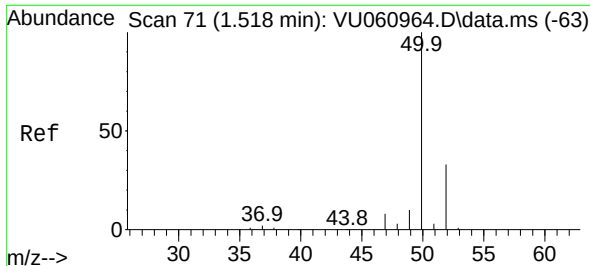
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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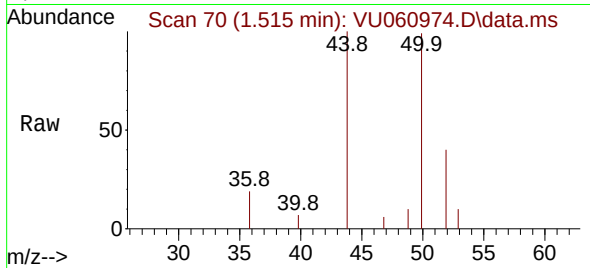
Quant Time: Sep 24 06:09:57 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0
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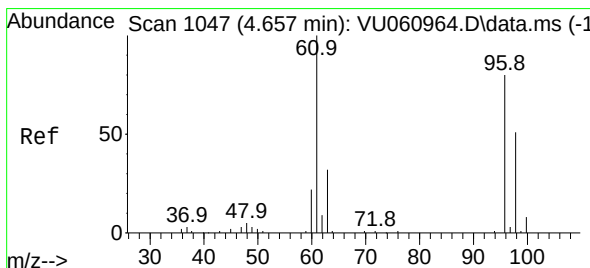
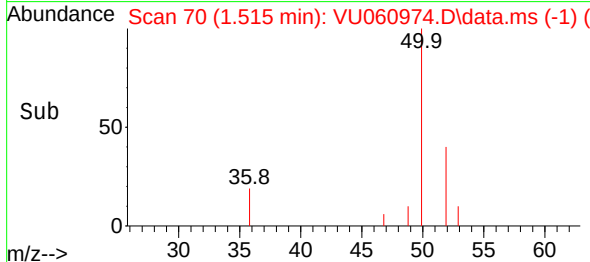
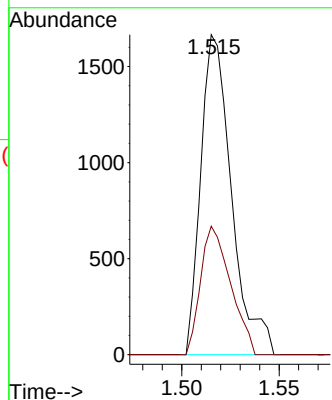


#3
Chloromethane
Concen: 0.161 ug/L
RT: 1.515 min Scan# 71
Delta R.T. -0.003 min
Lab File: VU060974.D
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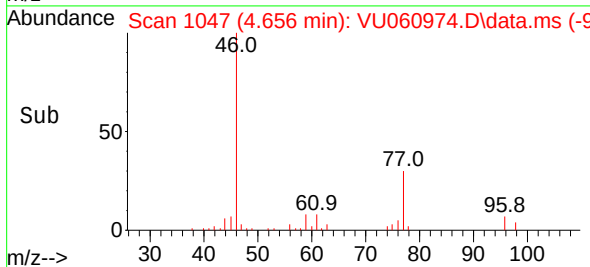
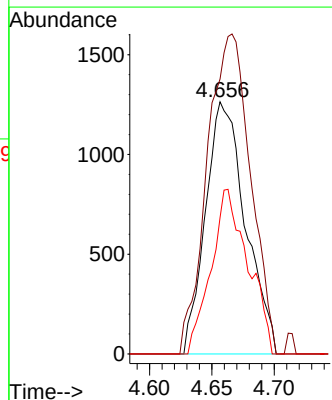
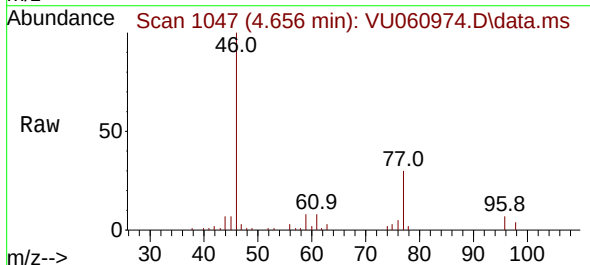


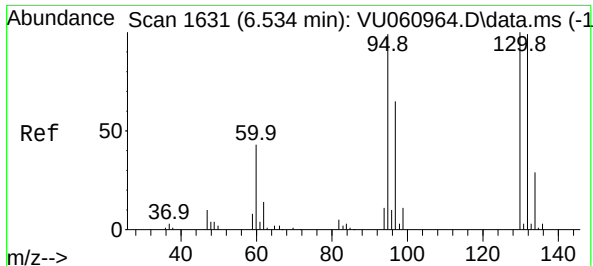
Tgt Ion: 50 Resp: 1832
Ion Ratio Lower Upper
50 100
52 40.2 24.4 45.4



#22
cis-1,2-Dichloroethene
Concen: 0.275 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. -0.000 min
Lab File: VU060974.D
Acq: 23 Sep 2024 13:58

Tgt Ion: 96 Resp: 2822
Ion Ratio Lower Upper
96 100
61 109.0 89.7 166.5
98 54.0 45.1 83.9

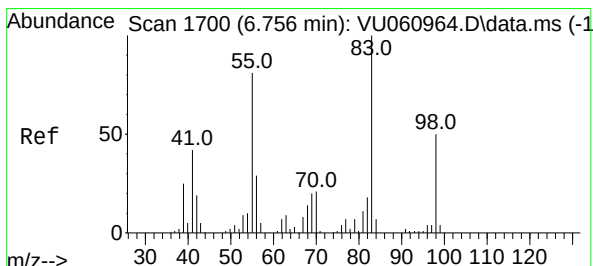
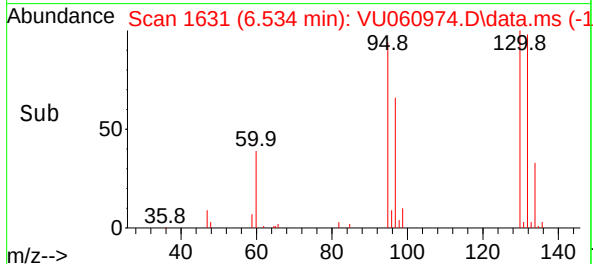
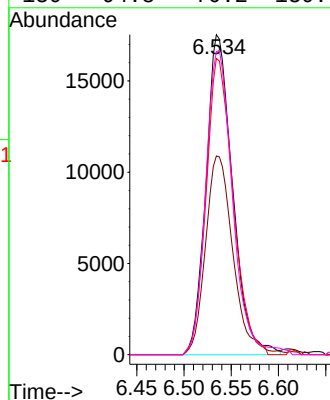
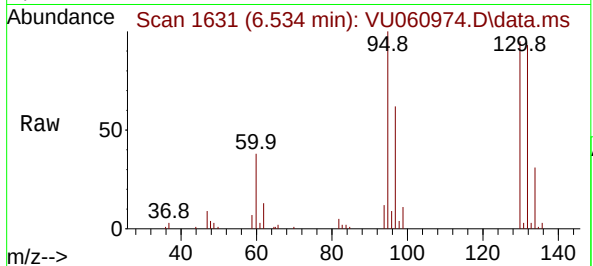




#34
Trichloroethene
Concen: 3.244 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VU060974.D
Acq: 23 Sep 2024 13:58

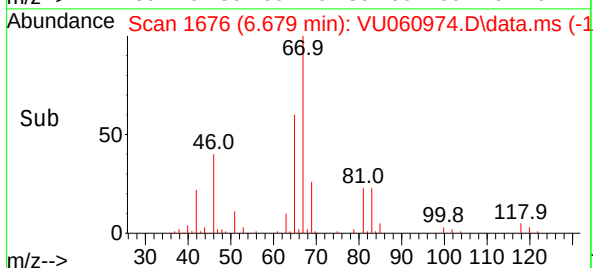
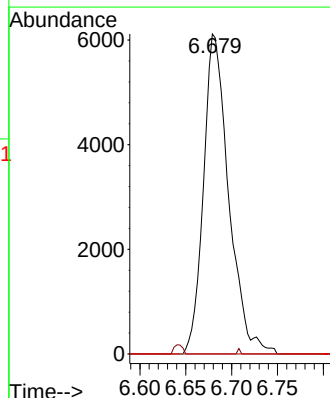
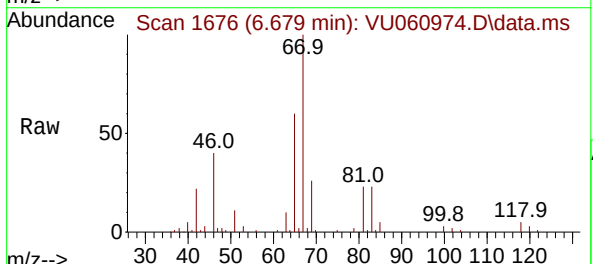
Instrument :
MSVOA_U
ClientSampleId :

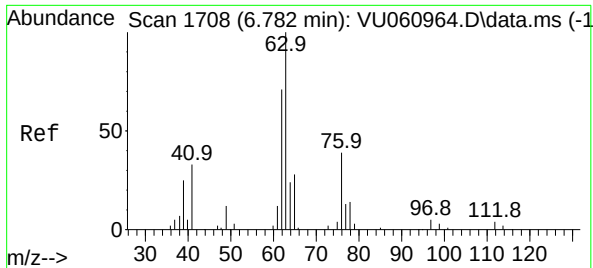
Tgt Ion:	95	Resp:	34320
Ion	Ratio	Lower	Upper
95	100		
97	62.1	44.9	83.5
132	92.5	63.5	117.9
130	94.8	70.2	130.4



#35
Methylcyclohexane
Concen: 0.807 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.077 min
Lab File: VU060974.D
Acq: 23 Sep 2024 13:58

Tgt Ion:	83	Resp:	11711
Ion	Ratio	Lower	Upper
83	100		
55	0.2	62.6	94.0#
98	0.0	37.6	56.4#

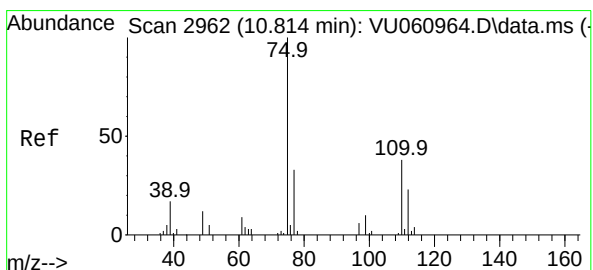
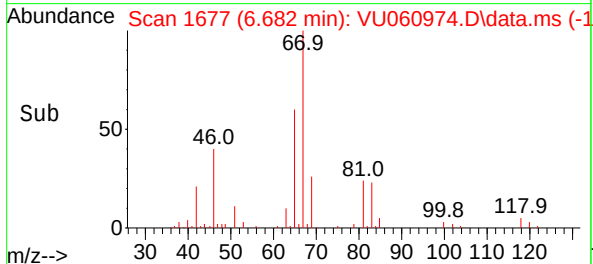
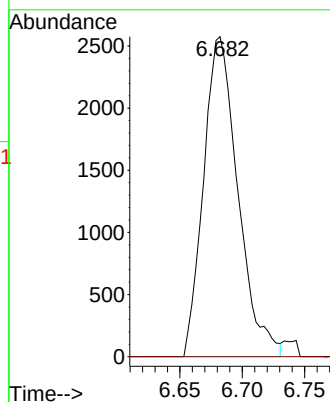
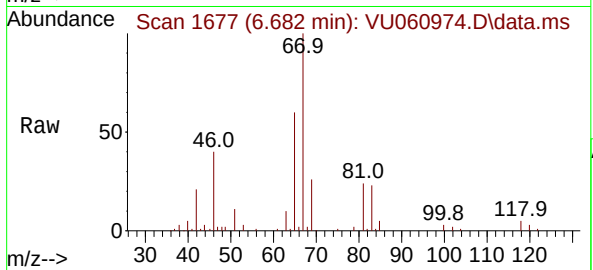




#37
1,2-Dichloropropane
Concen: 0.444 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU060974.D
Acq: 23 Sep 2024 13:58

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 4935
Ion Ratio Lower Upper
63 100
112 0.0 2.0 3.0#



#61
1,2,3-Trichloropropane
Concen: 1.163 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.990 min
Lab File: VU060974.D
Acq: 23 Sep 2024 13:58

Tgt Ion: 75 Resp: 6346
Ion Ratio Lower Upper
75 100
110 0.9 28.6 43.0#
77 33.2 26.3 39.5

