

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040924\
 Data File : VU058533.D
 Acq On : 09 Apr 2024 23:06
 Operator : MD/SY
 Sample : P1970-15 400X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 10 02:17:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 10 02:08:42 2024
 Response via : Initial Calibration

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

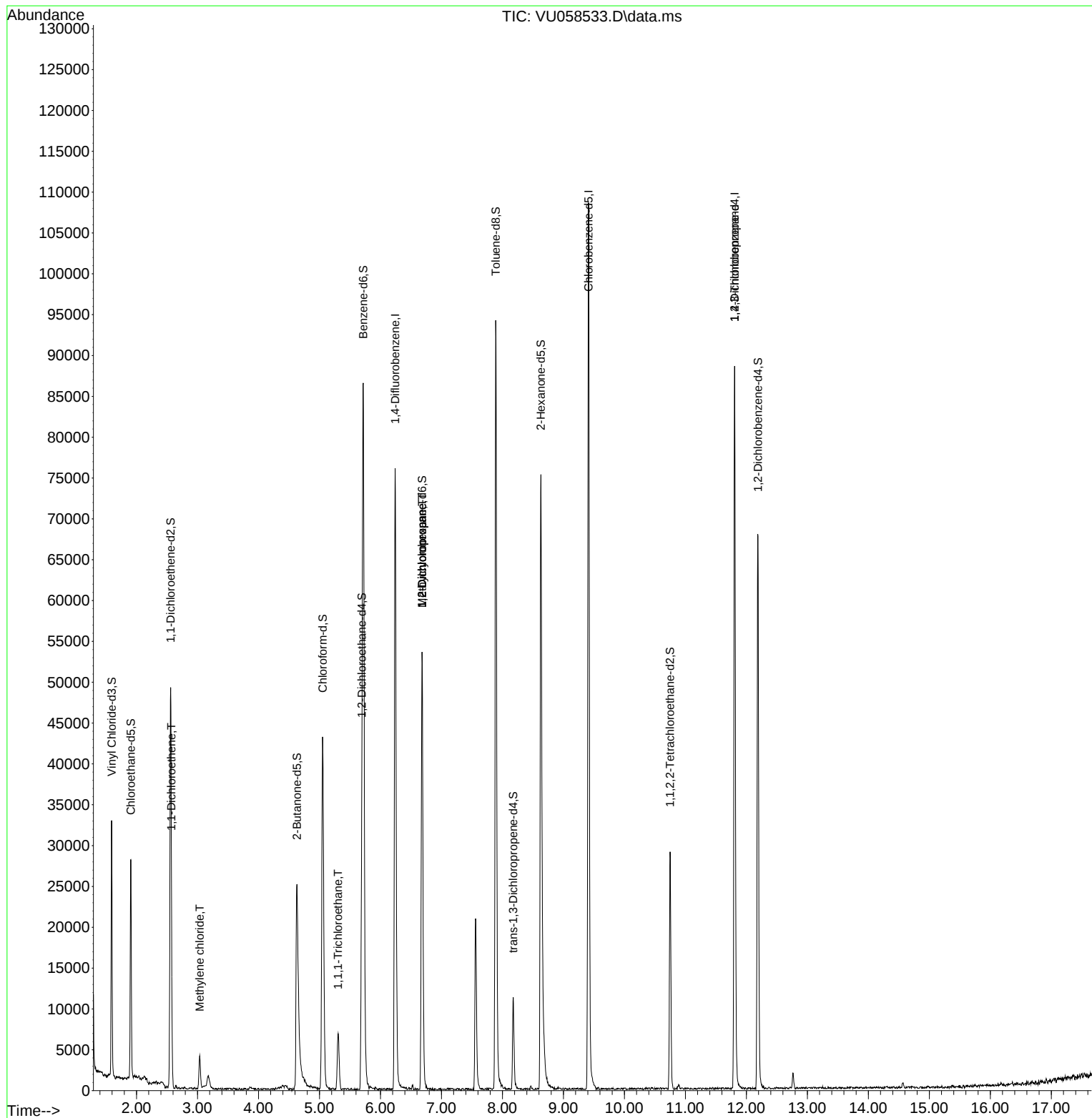
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	59668	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	58404	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	23149	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	21164	5.357	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.200%
7) Chloroethane-d5	1.907	69	18380	5.354	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.000%
11) 1,1-Dichloroethene-d2	2.560	65	9186	5.138	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.800%
20) 2-Butanone-d5	4.631	46	38954	46.791	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.580%
24) Chloroform-d	5.052	84	40603	5.149	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
26) 1,2-Dichloroethane-d4	5.695	65	20396	5.542	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.800%
32) Benzene-d6	5.717	84	79267	5.041	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
36) 1,2-Dichloropropane-d6	6.682	67	24615	4.992	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.800%
41) Toluene-d8	7.891	98	63787	4.574	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
43) trans-1,3-Dichloroprop...	8.177	79	7024	4.589	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.800%
46) 2-Hexanone-d5	8.630	63	26384	41.791	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.580%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	15331	4.404	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	18094	4.641	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.800%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.573	96	1754	0.415	ug/L #	1
16) Methylene chloride	3.036	84	1466	0.261	ug/L	86
29) 1,1,1-Trichloroethane	5.306	97	5330	0.681	ug/L	97
35) Methylcyclohexane	6.682	83	5459	0.679	ug/L #	16
37) 1,2-Dichloropropane	6.682	63	2894	0.520	ug/L #	90
61) 1,2,3-Trichloropropane	11.807	75	3300	1.397	ug/L #	70

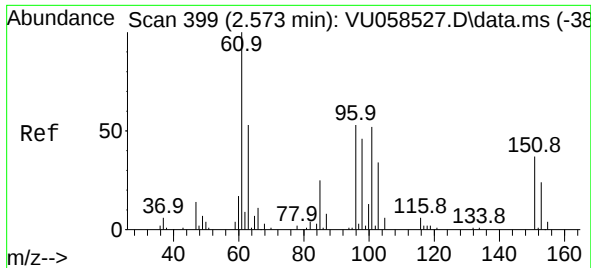
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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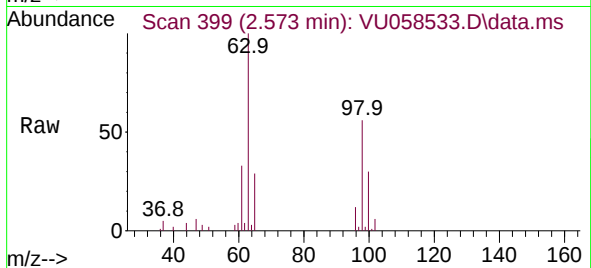
Quant Time: Apr 10 02:17:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
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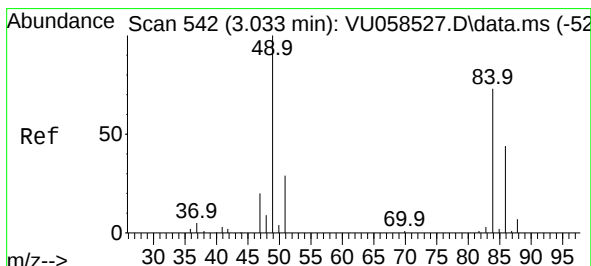
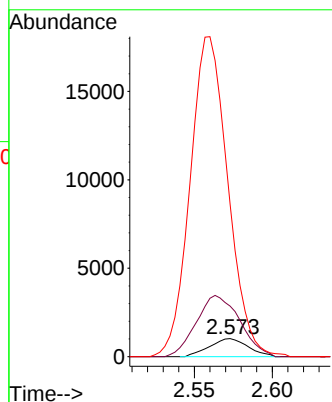
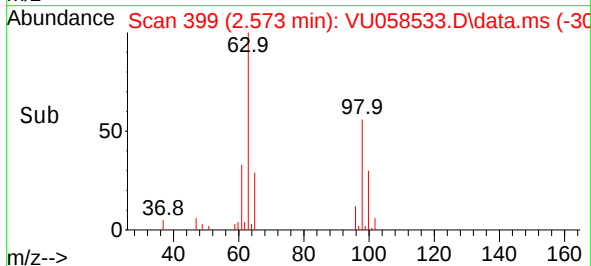


#12
1,1-Dichloroethene
Concen: 0.415 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU058533.D
Acq: 09 Apr 2024 23:06

Instrument :
MSVOA_U
ClientSampleId :

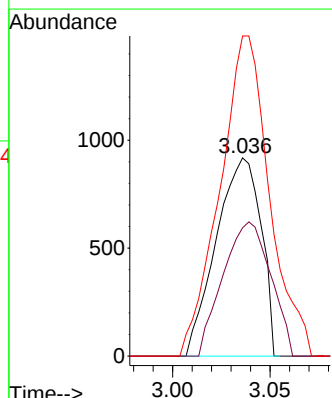
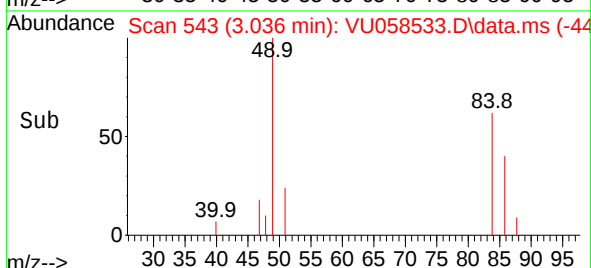
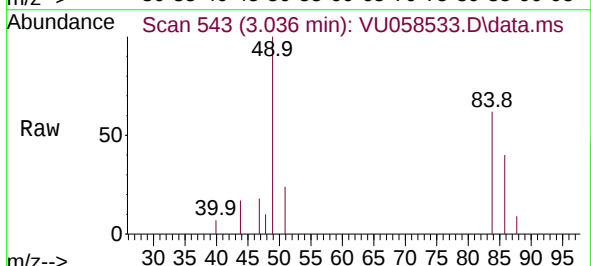


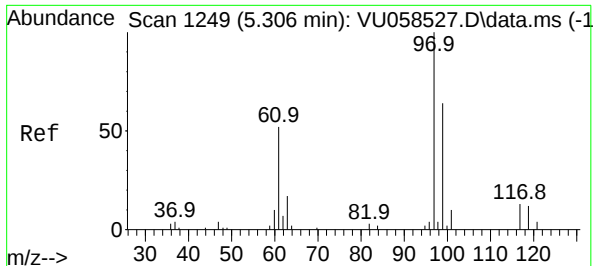
Tgt Ion: 96 Resp: 1754
Ion Ratio Lower Upper
96 100
61 279.4 132.5 246.1#
63 842.6 87.7 162.9#



#16
Methylene chloride
Concen: 0.261 ug/L
RT: 3.036 min Scan# 543
Delta R.T. 0.003 min
Lab File: VU058533.D
Acq: 09 Apr 2024 23:06

Tgt Ion: 84 Resp: 1466
Ion Ratio Lower Upper
84 100
86 64.7 44.3 82.3
49 161.5 96.0 178.2

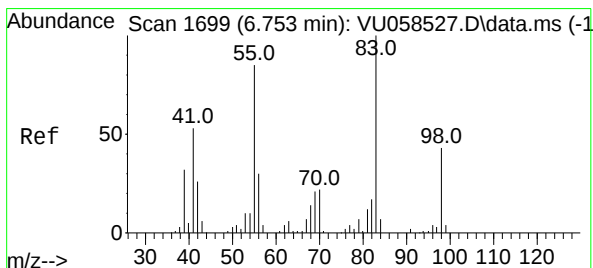
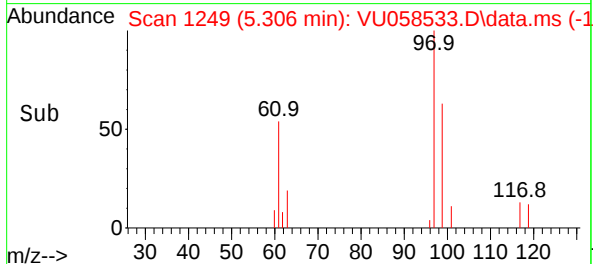
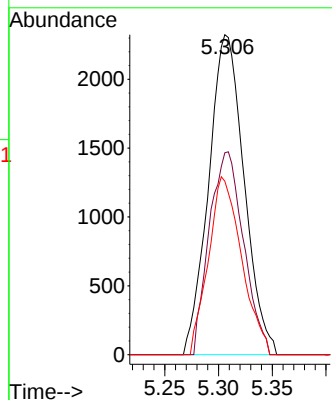
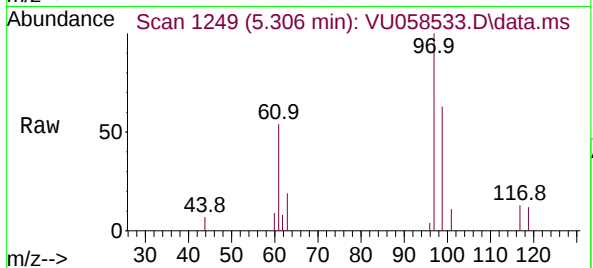




#29
1,1,1-Trichloroethane
Concen: 0.681 ug/L
RT: 5.306 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VU058533.D
Acq: 09 Apr 2024 23:06

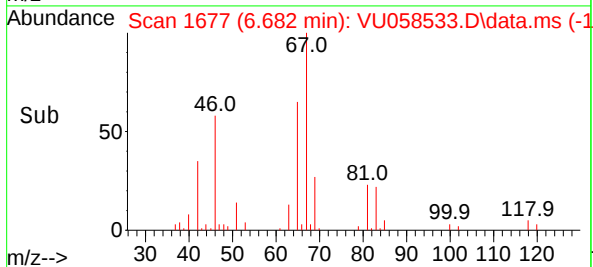
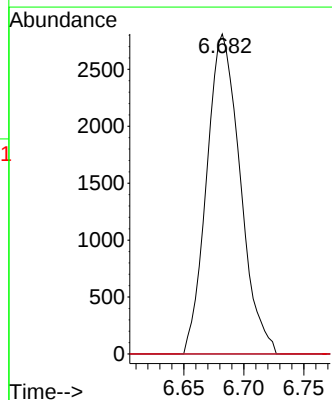
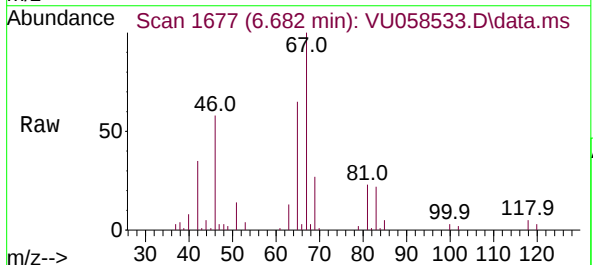
Instrument :
MSVOA_U
ClientSampleId :

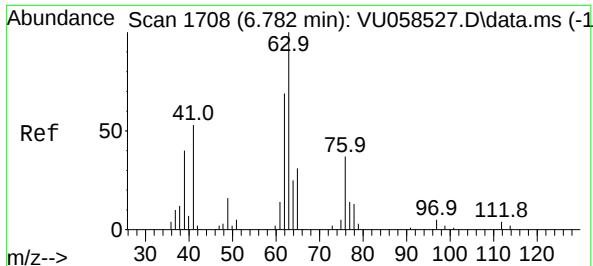
Tgt Ion:	97	Resp:	5330
Ion	Ratio	Lower	Upper
97	100		
99	61.2	50.4	75.6
61	52.1	39.4	59.0



#35
Methylcyclohexane
Concen: 0.679 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.071 min
Lab File: VU058533.D
Acq: 09 Apr 2024 23:06

Tgt Ion:	83	Resp:	5459
Ion	Ratio	Lower	Upper
83	100		
55	0.0	66.2	99.4#
98	0.0	34.6	52.0#

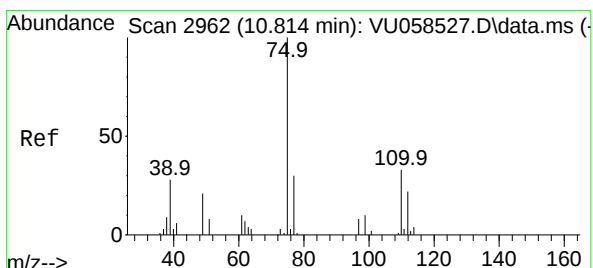
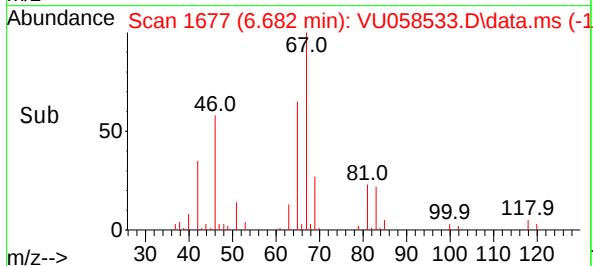
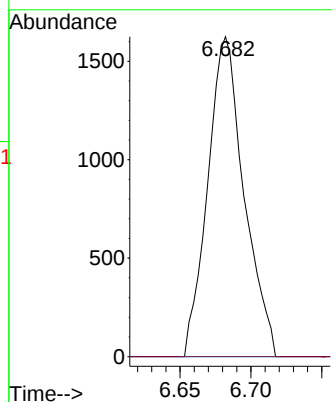
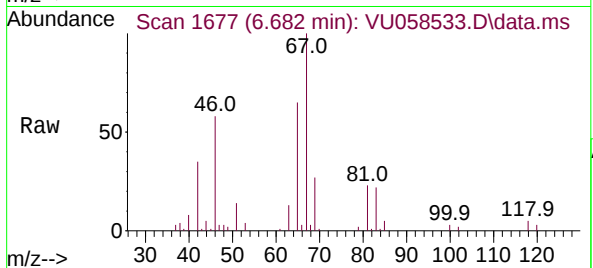




#37
1,2-Dichloropropane
Concen: 0.520 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU058533.D
Acq: 09 Apr 2024 23:06

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 2894
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#61
1,2,3-Trichloropropane
Concen: 1.397 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.993 min
Lab File: VU058533.D
Acq: 09 Apr 2024 23:06

Tgt Ion: 75 Resp: 3300
Ion Ratio Lower Upper
75 100
110 0.0 25.8 38.6#
77 30.9 25.1 37.7

