

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070124\
 Data File : VU059698.D
 Acq On : 01 Jul 2024 20:53
 Operator : MD/SY
 Sample : VU0701WBL02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 02 03:54:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 29 01:51:23 2024
 Response via : Initial Calibration

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

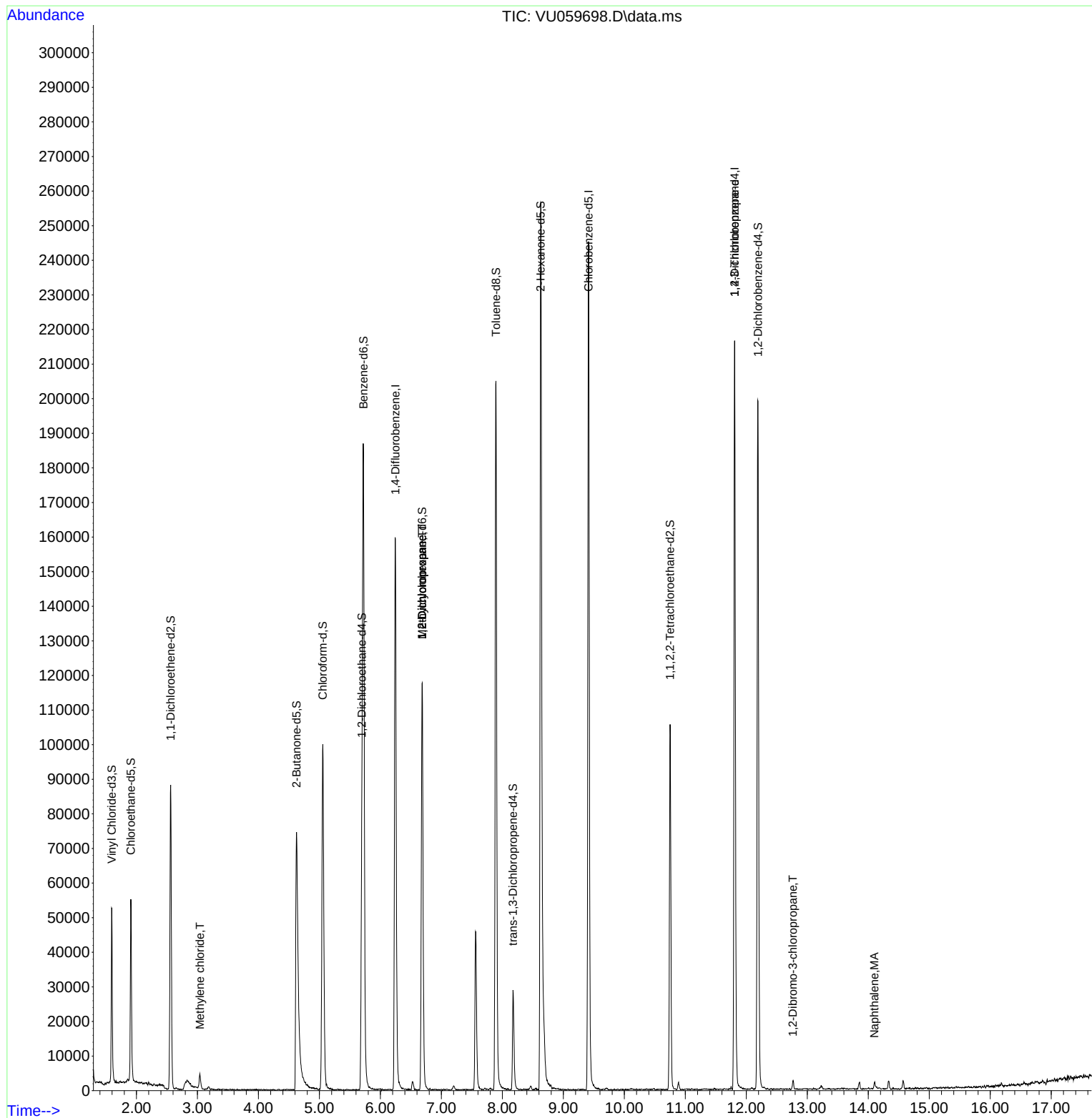
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	141079	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	146950	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	63622	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.593	65	37981	3.872	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.400%
7) Chloroethane-d5	1.908	69	40775	4.320	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.400%
11) 1,1-Dichloroethene-d2	2.560	65	16731	4.111	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.200%
20) 2-Butanone-d5	4.625	46	125445	62.080	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.160%
24) Chloroform-d	5.055	84	95429	4.739	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
26) 1,2-Dichloroethane-d4	5.695	65	48145	4.964	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	5.721	84	183421	4.535	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
36) 1,2-Dichloropropane-d6	6.682	67	60106	4.850	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.000%
41) Toluene-d8	7.894	98	146583	3.899	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.000%
43) trans-1,3-Dichloroprop...	8.174	79	17421	4.489	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.800%
46) 2-Hexanone-d5	8.628	63	91754	56.906	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.820%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	55190	5.390	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	59923	5.292	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.800%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.039	84	2241	0.189	ug/L #	83
35) Methylcyclohexane	6.682	83	13301	0.773	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	6426	0.556	ug/L #	90
61) 1,2,3-Trichloropropane	11.808	75	7577	1.289	ug/L #	69
68) 1,2-Dibromo-3-chloropr...	12.762	75	76	0.066	ug/L #	6
71) Naphthalene	14.100	128	3260	0.201	ug/L #	82

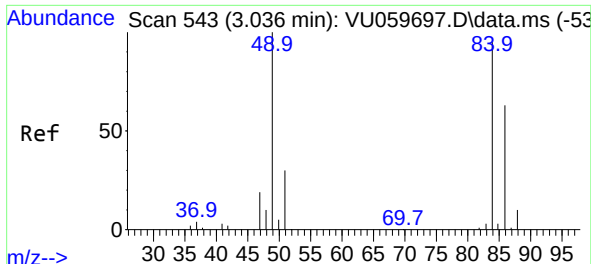
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
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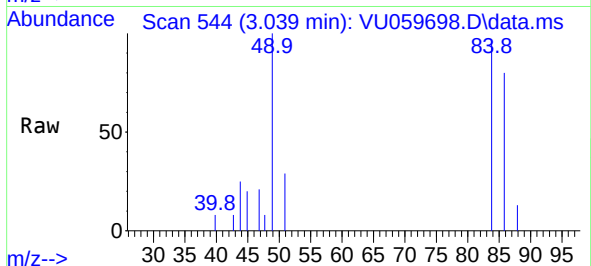
Quant Time: Jul 02 03:54:40 2024
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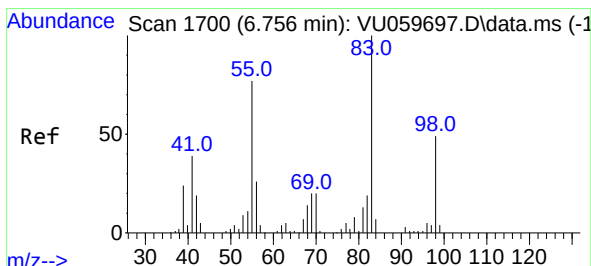
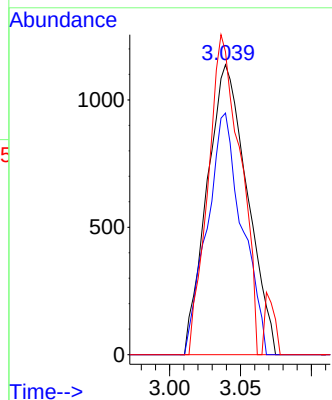
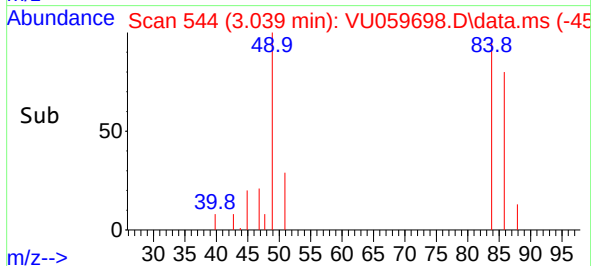


#16
Methylene chloride
Concen: 0.189 ug/L
RT: 3.039 min Scan# 54
Delta R.T. 0.000 min
Lab File: VU059698.D
Acq: 01 Jul 2024 20:53

Instrument :
MSVOA_U
ClientSampleId :

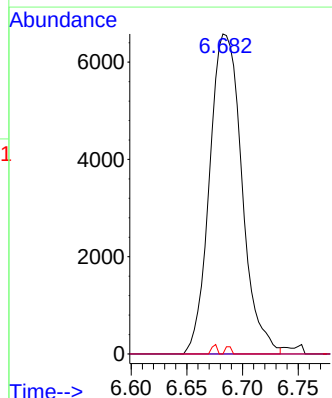
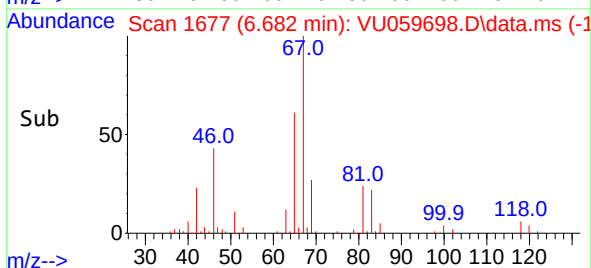
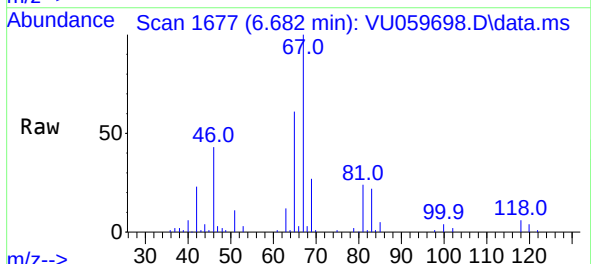


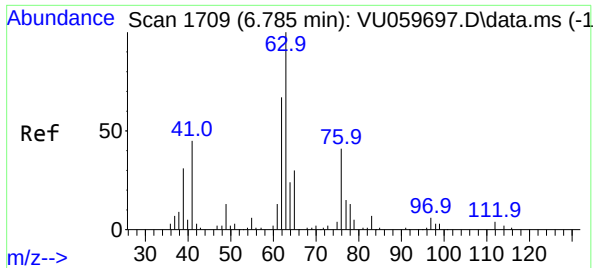
Tgt Ion: 84 Resp: 2241
Ion Ratio Lower Upper
84 100
86 83.3 42.1 78.1#
49 104.5 80.6 149.8



#35
Methylcyclohexane
Concen: 0.773 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU059698.D
Acq: 01 Jul 2024 20:53

Tgt Ion: 83 Resp: 13301
Ion Ratio Lower Upper
83 100
55 0.0 62.7 94.1#
98 0.4 35.4 53.0#

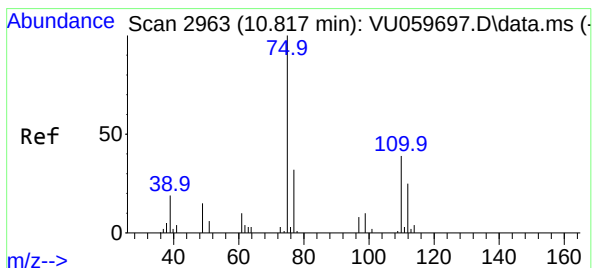
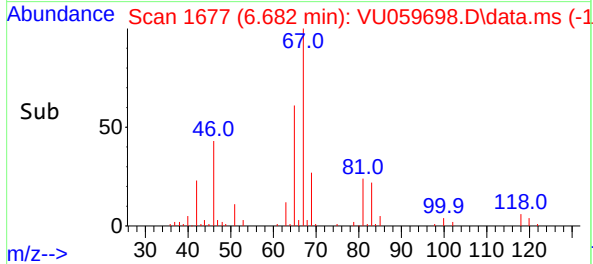
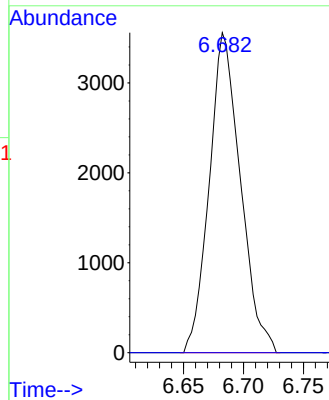
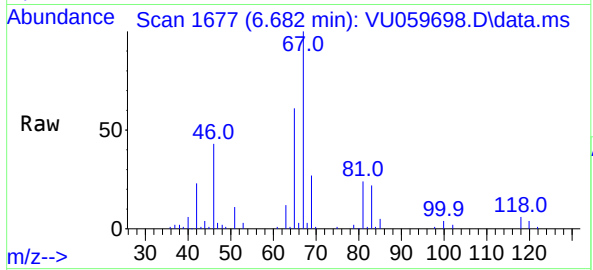




#37
1,2-Dichloropropane
Concen: 0.556 ug/L
RT: 6.682 min Scan# 11
Delta R.T. -0.103 min
Lab File: VU059698.D
Acq: 01 Jul 2024 20:53

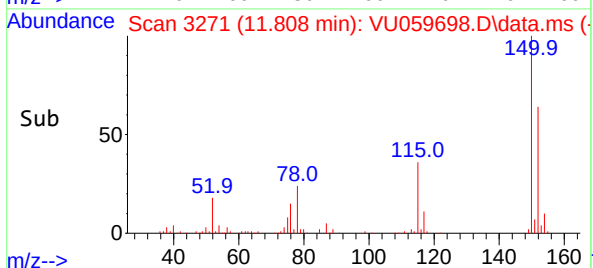
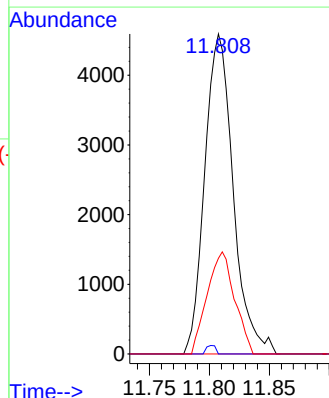
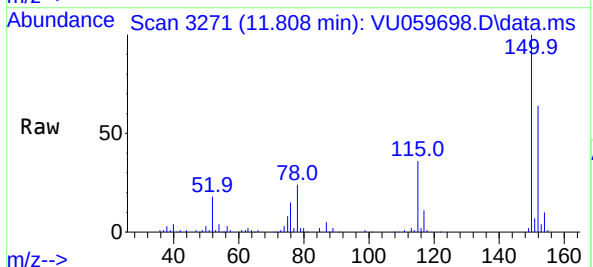
Instrument :
MSVOA_U
ClientSampleId :

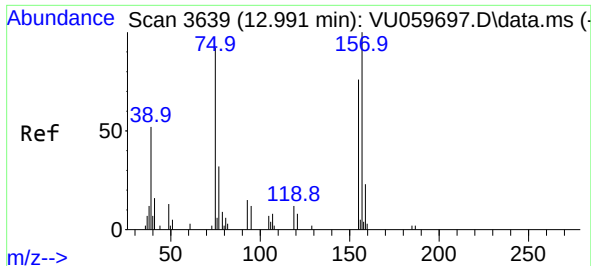
Tgt Ion: 63 Resp: 6426
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



#61
1,2,3-Trichloropropane
Concen: 1.289 ug/L
RT: 11.808 min Scan# 3271
Delta R.T. 0.991 min
Lab File: VU059698.D
Acq: 01 Jul 2024 20:53

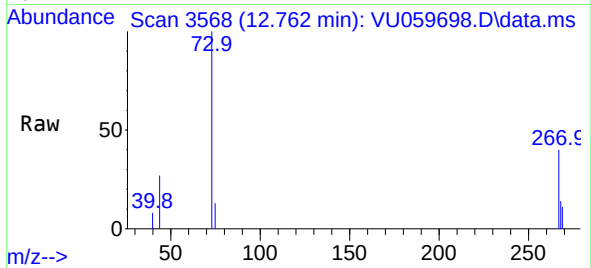
Tgt Ion: 75 Resp: 7577
Ion Ratio Lower Upper
75 100
110 0.9 27.1 40.7#
77 30.7 25.4 38.2



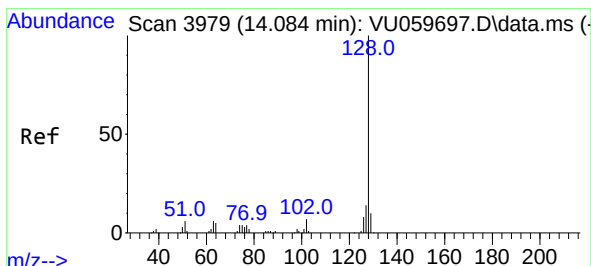
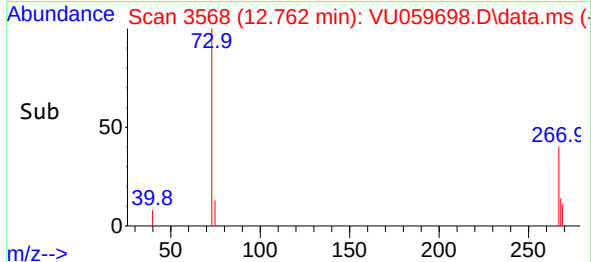
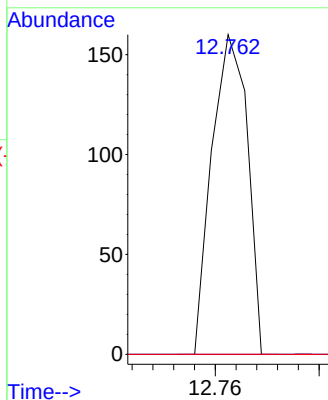


#68
1,2-Dibromo-3-chloropropane
Concen: 0.066 ug/L
RT: 12.762 min Scan# 31
Delta R.T. -0.228 min
Lab File: VU059698.D
Acq: 01 Jul 2024 20:53

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 76
Ion Ratio Lower Upper
75 100
155 0.0 58.2 87.2#
157 0.0 80.0 120.0#



#71
Naphthalene
Concen: 0.201 ug/L
RT: 14.100 min Scan# 3984
Delta R.T. 0.016 min
Lab File: VU059698.D
Acq: 01 Jul 2024 20:53

Tgt Ion:128 Resp: 3260
Ion Ratio Lower Upper
128 100
129 2.6 8.2 12.4#
127 6.8 10.2 15.4#

