

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090123\
 Data File : VU055044.D
 Acq On : 01 Sep 2023 16:51
 Operator : MD/SY
 Sample : VU0901WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 01 23:47:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 01 23:46:10 2023
 Response via : Initial Calibration

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

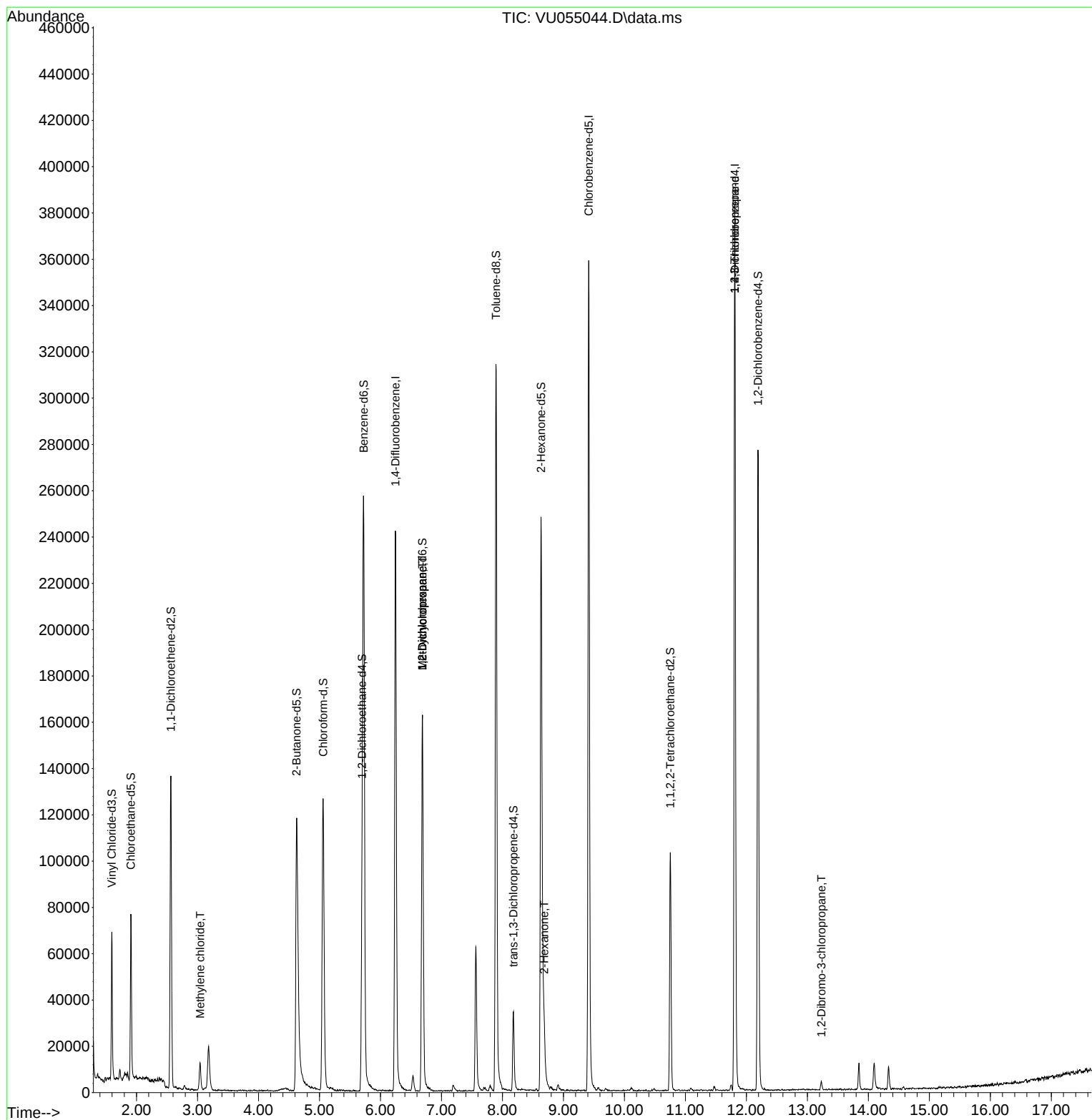
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	199935	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	195304	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	98314	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	43414	4.633	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.600%
7) Chloroethane-d5	1.907	69	49696	4.582	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.600%
11) 1,1-Dichloroethene-d2	2.563	65	26220	4.911	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.200%
20) 2-Butanone-d5	4.624	46	127905	47.036	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.080%
24) Chloroform-d	5.061	84	119365	4.800	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	5.698	65	61068	4.909	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
32) Benzene-d6	5.724	84	236916	4.914	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
36) 1,2-Dichloropropane-d6	6.688	67	78871	5.144	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.800%
41) Toluene-d8	7.894	98	214928	4.840	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
43) trans-1,3-Dichloroprop...	8.180	79	19258	4.561	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.200%
46) 2-Hexanone-d5	8.634	63	81164	47.345	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.700%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	51249	4.753	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	71619	4.991	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.800%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.042	84	5180	0.367	ug/L	94
35) Methylcyclohexane	6.688	83	18412	1.136	ug/L #	20
37) 1,2-Dichloropropane	6.688	63	8863	0.783	ug/L #	88
48) 2-Hexanone	8.685	43	14791	2.925	ug/L #	89
61) 1,2,3-Trichloropropane	11.807	75	14842	2.275	ug/L #	69
68) 1,2-Dibromo-3-chloropr...	13.228	75	342	0.272	ug/L #	9

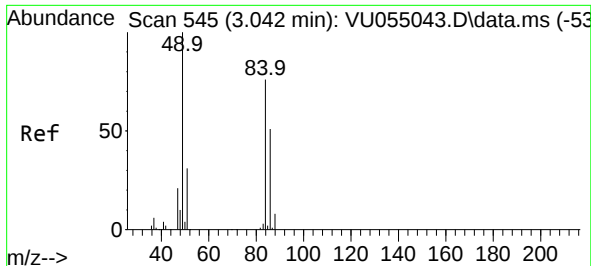
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId :

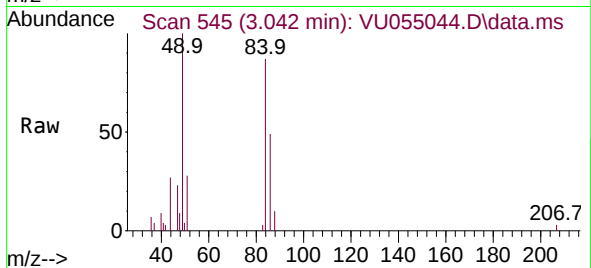
Quant Time: Sep 01 23:47:49 2023
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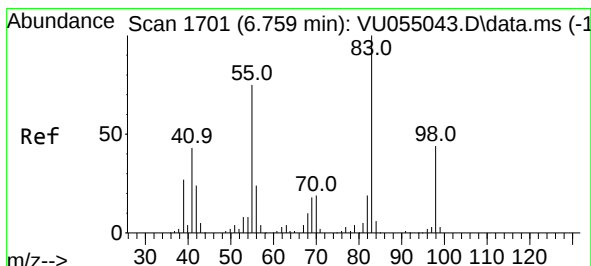
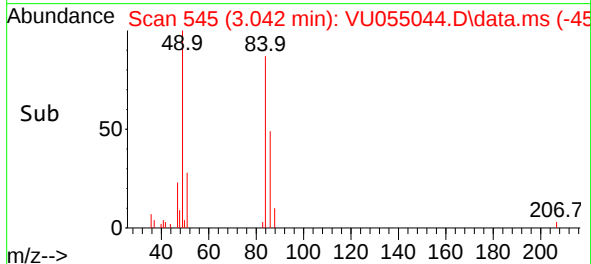
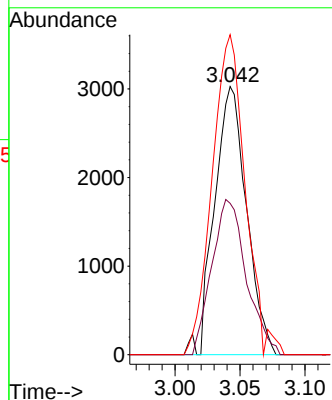


#16
Methylene chloride
Concen: 0.367 ug/L
RT: 3.042 min Scan# 54
Delta R.T. -0.000 min
Lab File: VU055044.D
Acq: 01 Sep 2023 16:51

Instrument :
MSVOA_U
ClientSampleId :

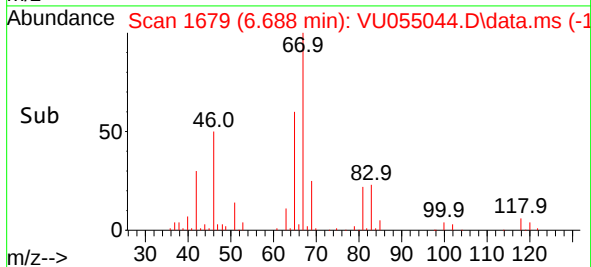
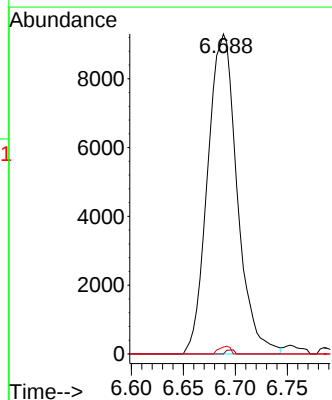
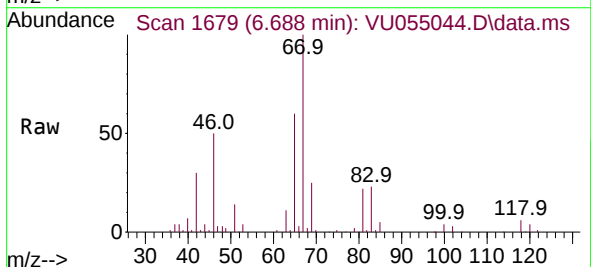


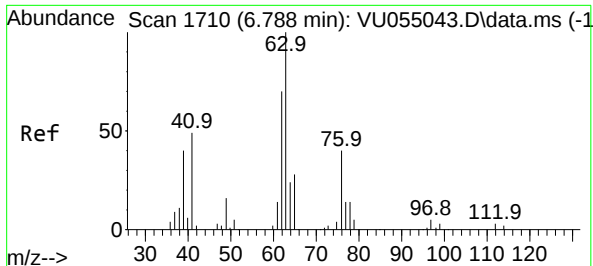
Tgt Ion: 84 Resp: 5180
Ion Ratio Lower Upper
84 100
86 56.5 43.4 80.6
49 119.3 87.7 162.9



#35
Methylcyclohexane
Concen: 1.136 ug/L
RT: 6.688 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU055044.D
Acq: 01 Sep 2023 16:51

Tgt Ion: 83 Resp: 18412
Ion Ratio Lower Upper
83 100
55 0.4 60.4 90.6#
98 0.9 35.3 52.9#

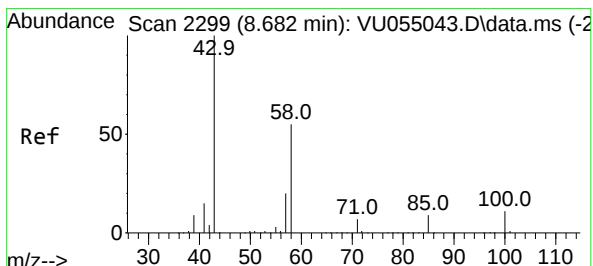
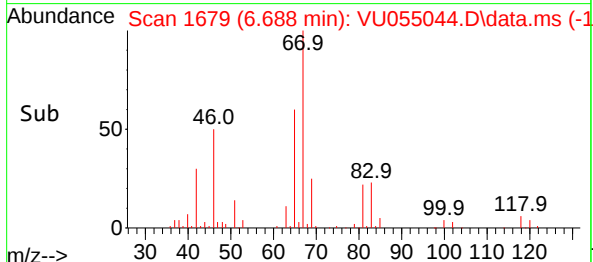
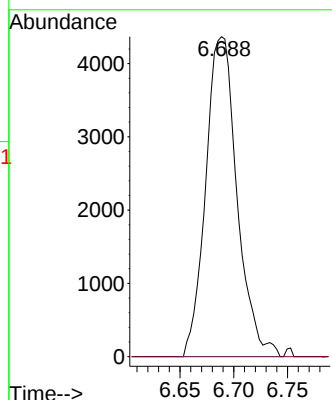
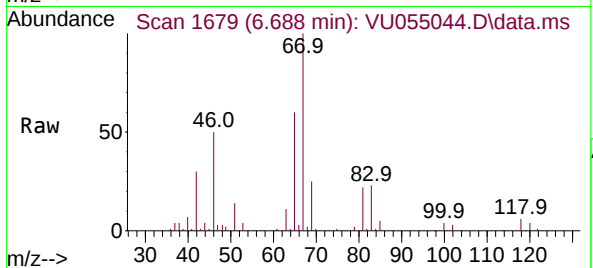




#37
1,2-Dichloropropane
Concen: 0.783 ug/L
RT: 6.688 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU055044.D
Acq: 01 Sep 2023 16:51

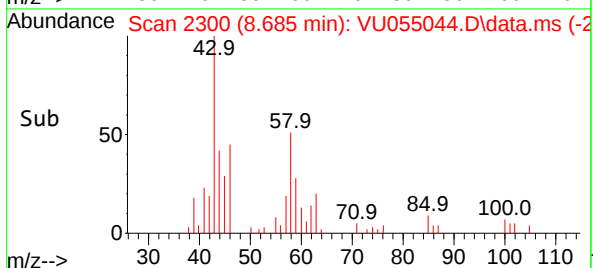
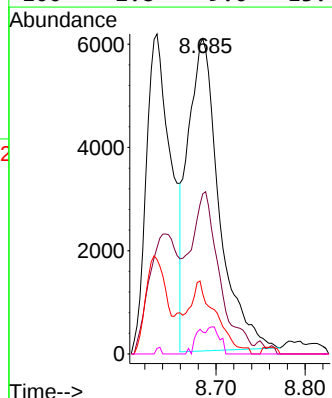
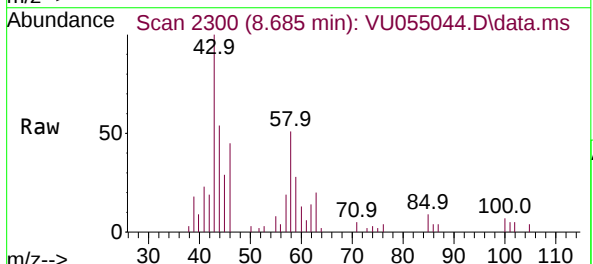
Instrument :
MSVOA_U
ClientSampleId :

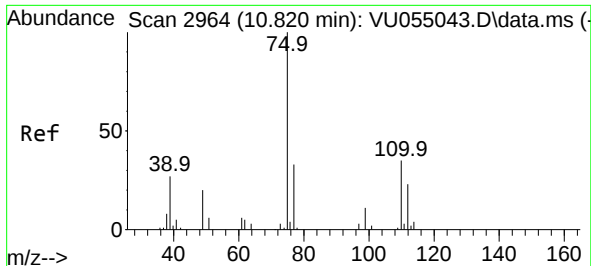
Tgt Ion: 63 Resp: 8863
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



#48
2-Hexanone
Concen: 2.925 ug/L
RT: 8.685 min Scan# 2300
Delta R.T. 0.003 min
Lab File: VU055044.D
Acq: 01 Sep 2023 16:51

Tgt Ion: 43 Resp: 14791
Ion Ratio Lower Upper
43 100
58 45.5 44.0 66.0
57 19.8 16.2 24.2
100 2.8 9.0 13.4#

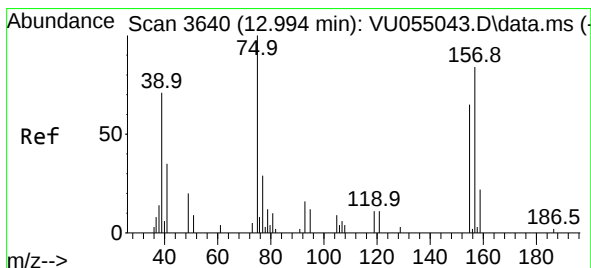
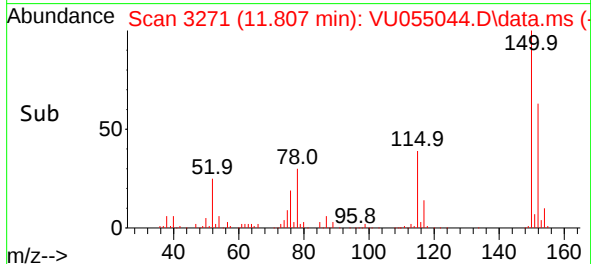
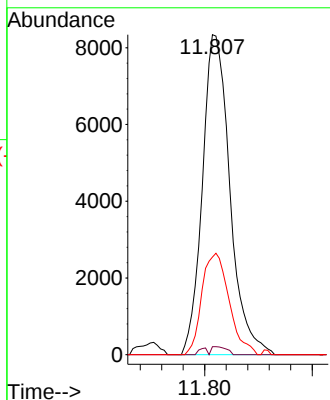
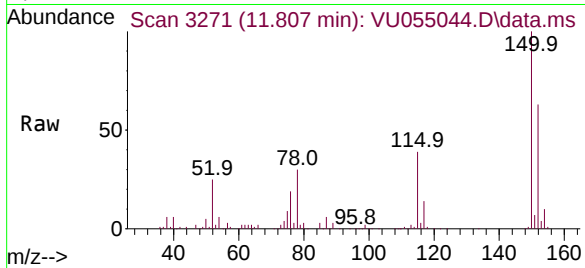




#61
1,2,3-Trichloropropane
Concen: 2.275 ug/L
RT: 11.807 min Scan# 3113
Delta R.T. 0.987 min
Lab File: VU055044.D
Acq: 01 Sep 2023 16:51

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 14842
Ion Ratio Lower Upper
75 100
110 1.4 28.2 42.2#
77 31.3 26.2 39.4



#68
1,2-Dibromo-3-chloropropane
Concen: 0.272 ug/L
RT: 13.228 min Scan# 3713
Delta R.T. 0.235 min
Lab File: VU055044.D
Acq: 01 Sep 2023 16:51

Tgt Ion: 75 Resp: 342
Ion Ratio Lower Upper
75 100
155 0.0 61.1 91.7#
157 0.0 66.8 100.2#

