

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072424\
 Data File : VU060154.D
 Acq On : 24 Jul 2024 15:27
 Operator : MD/SY
 Sample : P3244-07DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YDZF2DL

Quant Time: Jul 25 05:14:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 25 05:11:47 2024
 Response via : Initial Calibration

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

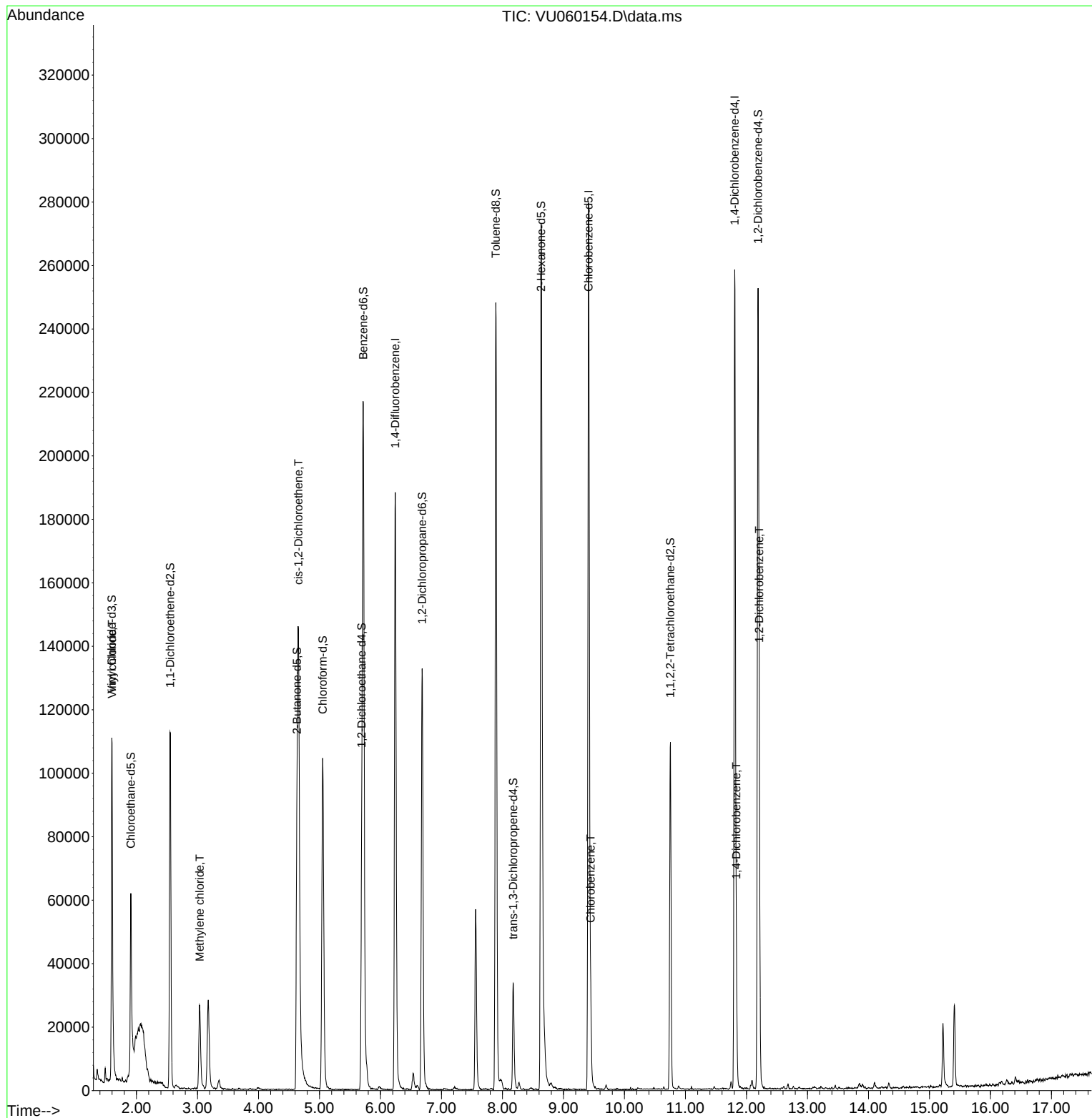
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	159178	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	162850	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	71394	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	53997	4.876	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	97.600%	
7) Chloroethane-d5	1.908	69	49928	4.853	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	97.000%	
11) 1,1-Dichloroethene-d2	2.551	65	21774	5.036	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	100.800%	
20) 2-Butanone-d5	4.631	46	143004	55.229	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	110.460%	
24) Chloroform-d	5.052	84	101127	4.345	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.800%	
26) 1,2-Dichloroethane-d4	5.692	65	51949	4.793	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.800%	
32) Benzene-d6	5.718	84	209267	4.796	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.000%	
36) 1,2-Dichloropropane-d6	6.682	67	67640	4.865	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	97.400%	
41) Toluene-d8	7.891	98	172424	4.374	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.400%	
43) trans-1,3-Dichloroprop...	8.178	79	21543	4.552	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.000%	
46) 2-Hexanone-d5	8.634	63	107694	51.279	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	102.560%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	58369	4.717	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	94.400%	
66) 1,2-Dichlorobenzene-d4	12.190	152	64740	5.024	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	100.400%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.599	62	43611	2.676	ug/L	93
16) Methylene chloride	3.036	84	14391	0.966	ug/L	90
22) cis-1,2-Dichloroethene	4.654	96	55026	3.887	ug/L	95
51) Chlorobenzene	9.444	112	16056	0.429	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	12818	0.501	ug/L	98
67) 1,2-Dichlorobenzene	12.210	146	37708	1.568	ug/L	97

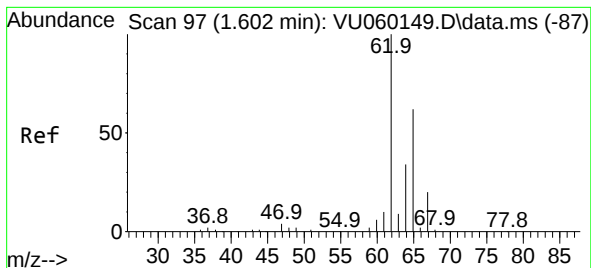
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 25 05:11:47 2024
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 2.676 ug/L

RT: 1.599 min Scan# 9

Delta R.T. -0.003 min

Lab File: VU060154.D

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Instrument :

MSVOA_U

ClientSampleId :

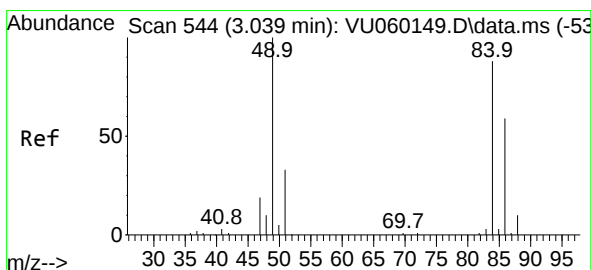
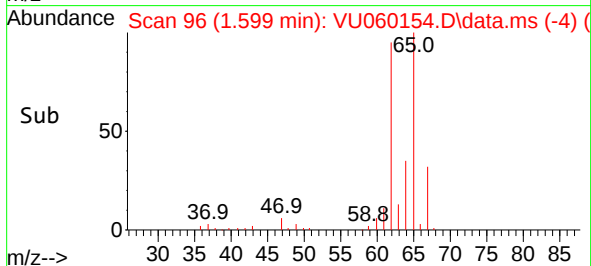
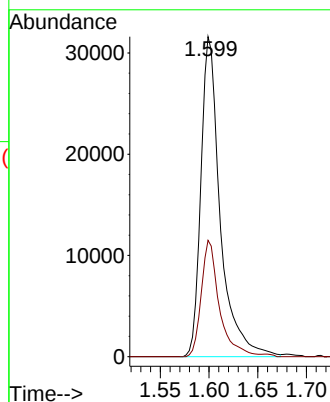
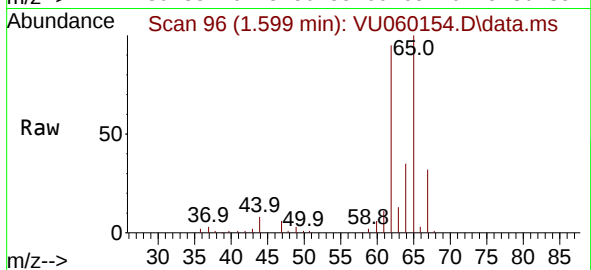
YDZF2DL

Tgt Ion: 62 Resp: 43611

Ion Ratio Lower Upper

62 100

64 36.4 22.8 42.4



#16

Methylene chloride

Concen: 0.966 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.003 min

Lab File: VU060154.D

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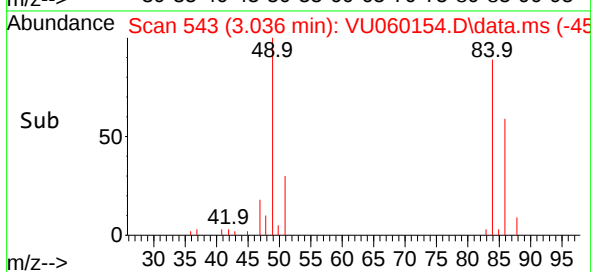
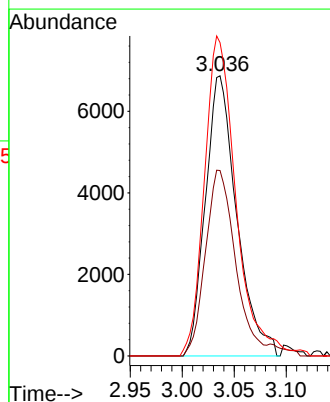
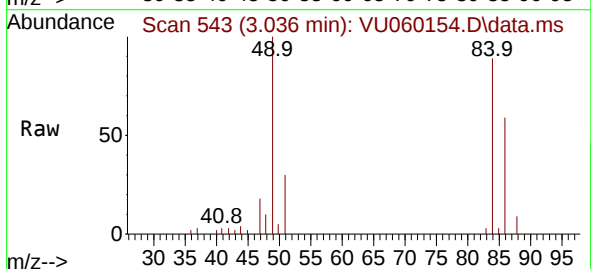
Tgt Ion: 84 Resp: 14391

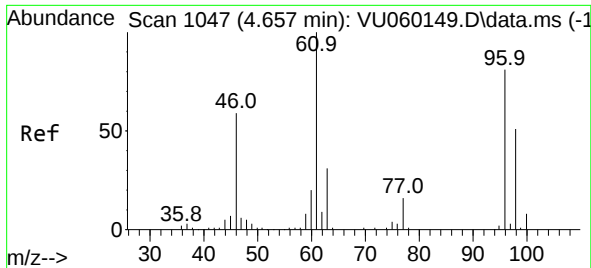
Ion Ratio Lower Upper

84 100

86 66.2 44.4 82.5

49 116.9 72.0 133.6

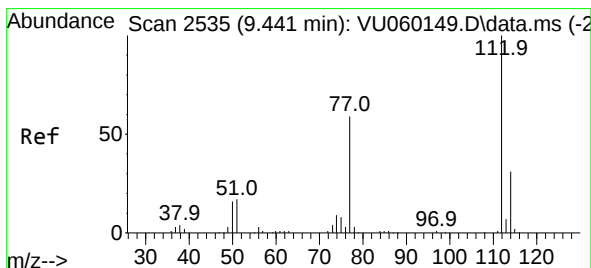
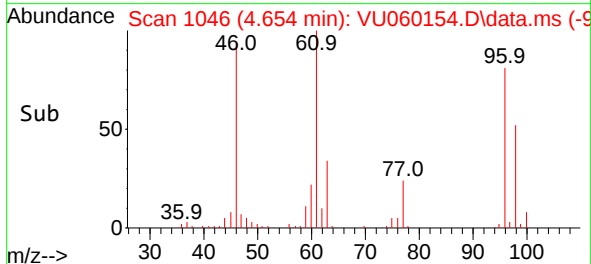
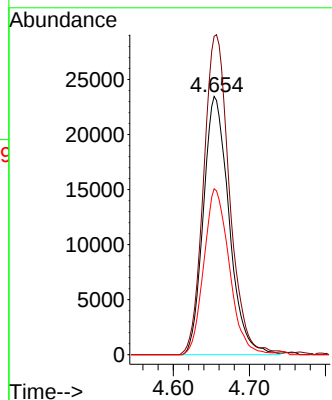
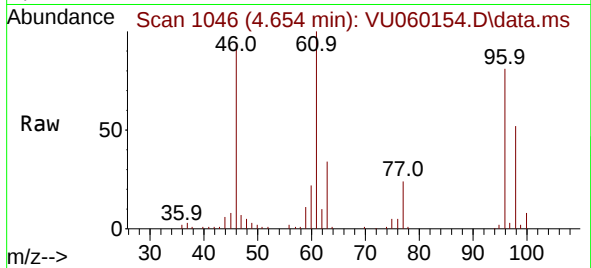




#22
 cis-1,2-Dichloroethene
 Concen: 3.887 ug/L
 RT: 4.654 min Scan# 1046
 Delta R.T. -0.003 min
 Lab File: VU060154.D
 Acq: 24 Jul 2024 15:27

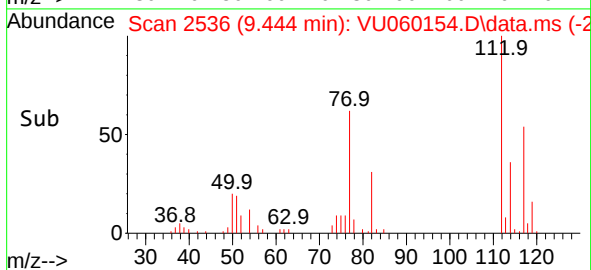
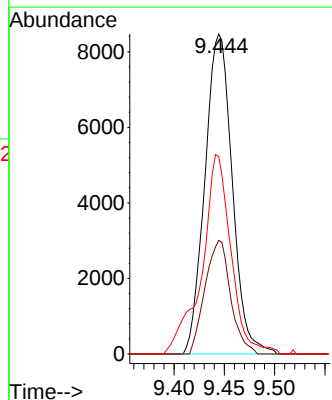
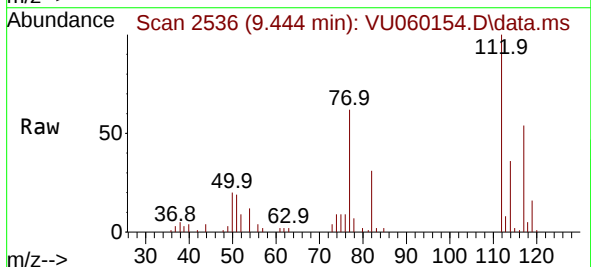
Instrument :
 MSVOA_U
 ClientSampleId :
 YDZF2DL

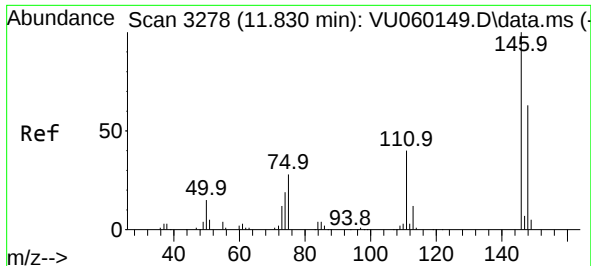
Tgt Ion: 96 Resp: 55026
 Ion Ratio Lower Upper
 96 100
 61 123.3 80.2 148.9
 98 64.3 44.7 83.1



#51
 Chlorobenzene
 Concen: 0.429 ug/L
 RT: 9.444 min Scan# 2536
 Delta R.T. 0.004 min
 Lab File: VU060154.D
 Acq: 24 Jul 2024 15:27

Tgt Ion: 112 Resp: 16056
 Ion Ratio Lower Upper
 112 100
 114 33.0 22.1 41.1
 77 57.2 44.7 67.1

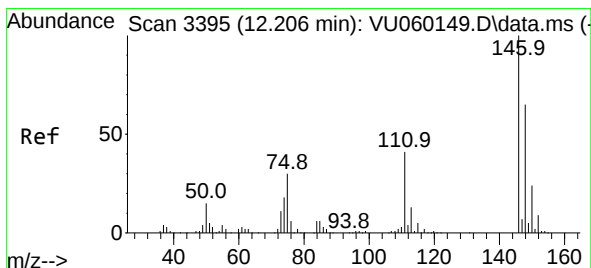
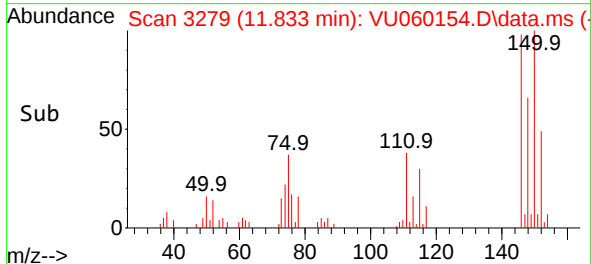
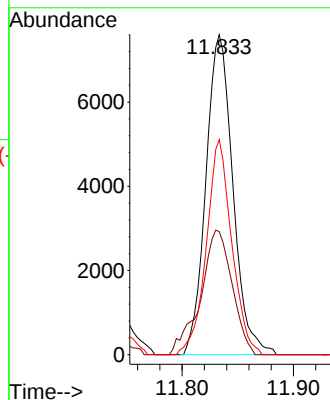
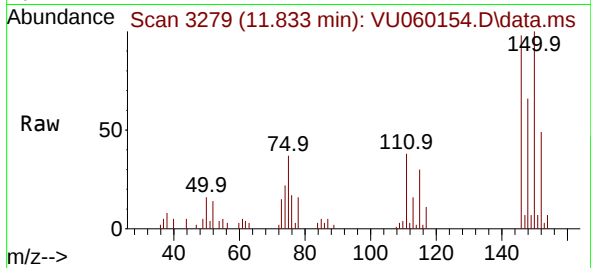




#65
1,4-Dichlorobenzene
Concen: 0.501 ug/L
RT: 11.833 min Scan# 31
Delta R.T. 0.004 min
Lab File: VU060154.D
Acq: 24 Jul 2024 15:27

Instrument :
MSVOA_U
ClientSampleId :
YDZF2DL

Tgt Ion:146 Resp: 12818
Ion Ratio Lower Upper
146 100
111 38.5 26.5 49.1
148 67.2 45.3 84.1



#67
1,2-Dichlorobenzene
Concen: 1.568 ug/L
RT: 12.210 min Scan# 3396
Delta R.T. 0.004 min
Lab File: VU060154.D
Acq: 24 Jul 2024 15:27

Tgt Ion:146 Resp: 37708
Ion Ratio Lower Upper
146 100
111 40.5 30.9 46.3
148 60.3 49.8 74.8

