

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040423\
 Data File : VU053569.D
 Acq On : 04 Apr 2023 18:18
 Operator : JC/MD
 Sample : 02158-12DL 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 04 23:13:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 01 04:51:17 2023
 Response via : Initial Calibration

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

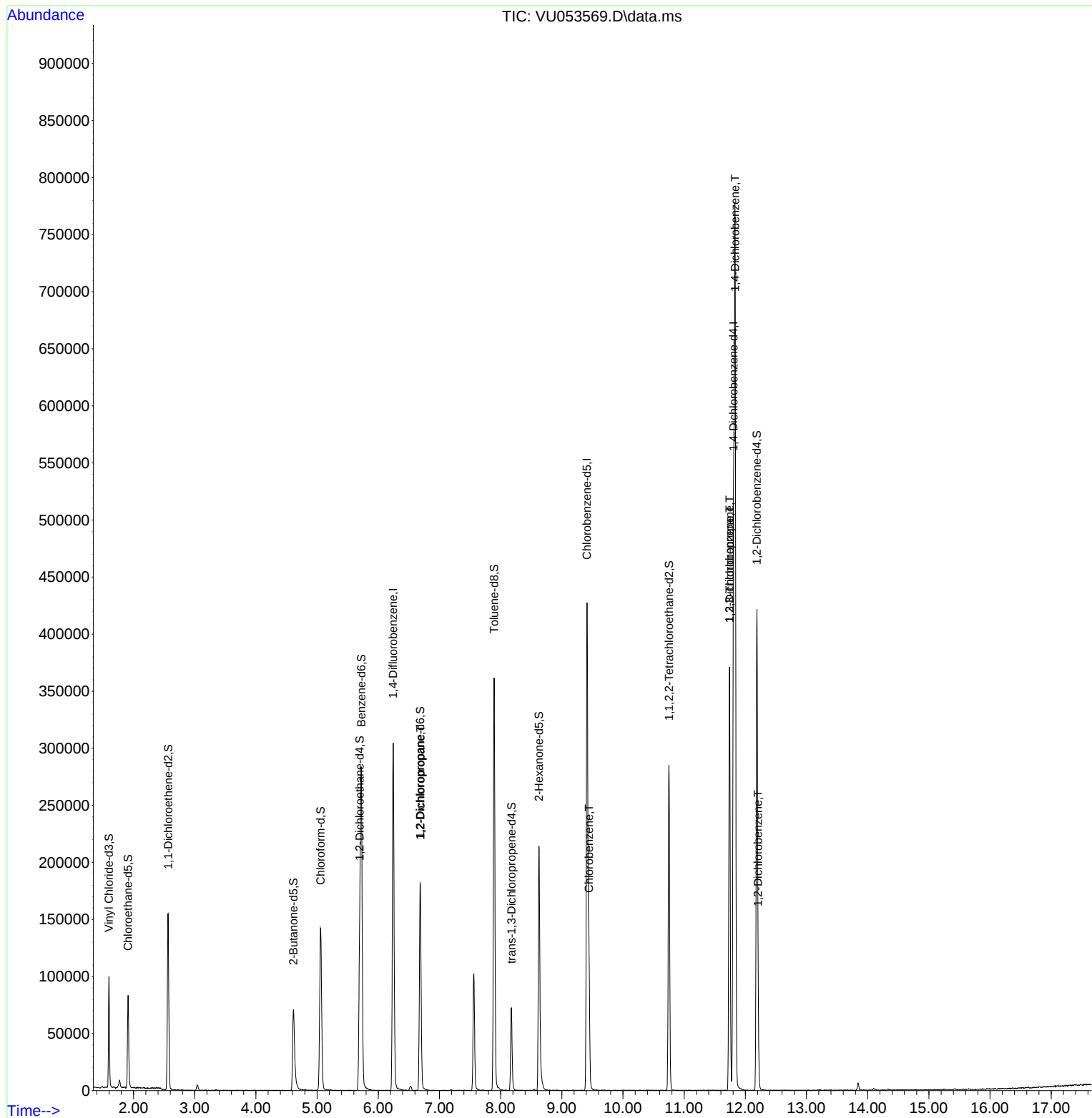
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	262992	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.411	117	248256	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	130538	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	69615	33.995	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	67.980%		
7) Chloroethane-d5	1.909	69	62728	39.728	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	79.460%		
11) 1,1-Dichloroethene-d2	2.565	63	87420	27.578	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	55.160%#		
21) 2-Butanone-d5	4.613	46	101283	109.240	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	109.240%		
24) Chloroform-d	5.057	84	136357	40.262	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.520%		
26) 1,2-Dichloroethane-d4	5.697	65	90469	45.207	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.420%		
32) Benzene-d6	5.723	84	275834	41.162	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.320%		
36) 1,2-Dichloropropane-d6	6.684	67	91881	44.859	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	89.720%		
41) Toluene-d8	7.893	98	255471	38.357	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	76.720%#		
43) trans-1,3-Dichloroprop...	8.176	79	41785	39.521	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	79.040%		
47) 2-Hexanone-d5	8.626	63	76504	109.443	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	109.440%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	135107	46.801	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.600%		
66) 1,2-Dichlorobenzene-d4	12.189	152	110420	40.524	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	81.040%		
Target Compounds						Qvalue
37) 1,2-Dichloropropane	6.687	63	9029	5.498	ug/L #	86
51) Chlorobenzene	9.443	112	66180	13.104	ug/L	95
60) 1,2,3-Trichloropropane	11.742	75	44936	23.741	ug/L #	48
64) 1,3-Dichlorobenzene	11.742	146	152919	37.919	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	301424	73.337	ug/L	97
67) 1,2-Dichlorobenzene	12.208	146	17247	4.291	ug/L	97

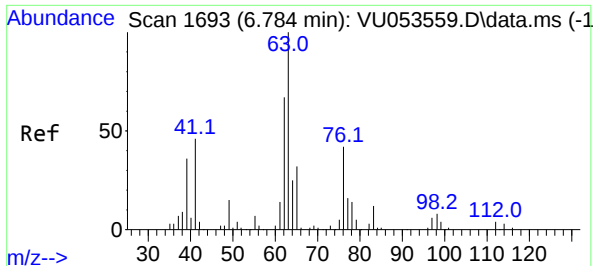
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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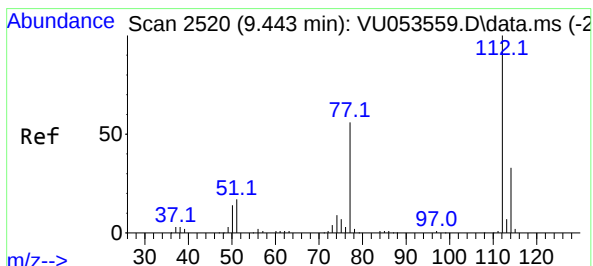
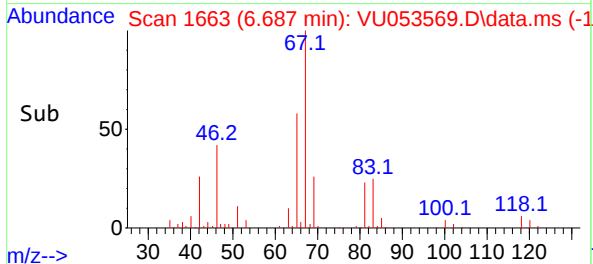
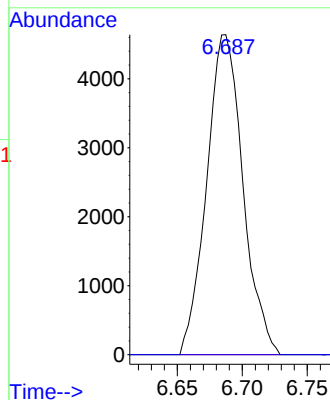
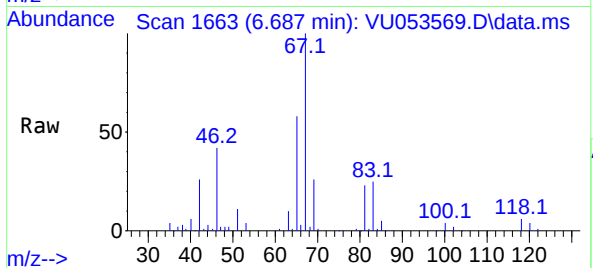




#37
1,2-Dichloropropane
Concen: 5.498 ug/L
RT: 6.687 min Scan# 1
Delta R.T. -0.096 min
Lab File: VU053569.D
Acq: 04 Apr 2023 18:18

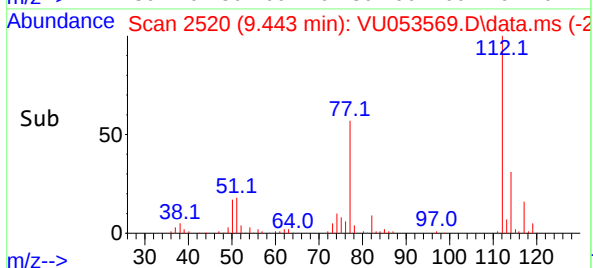
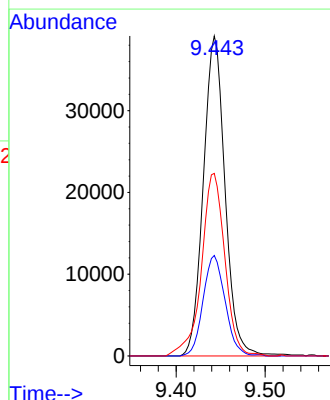
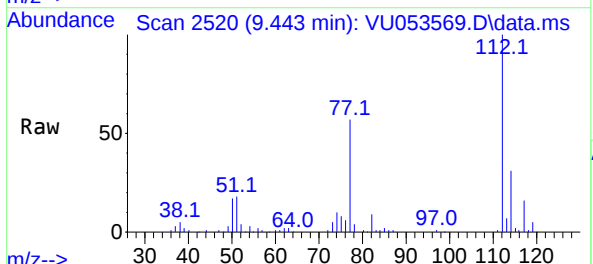
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MSVOA_U
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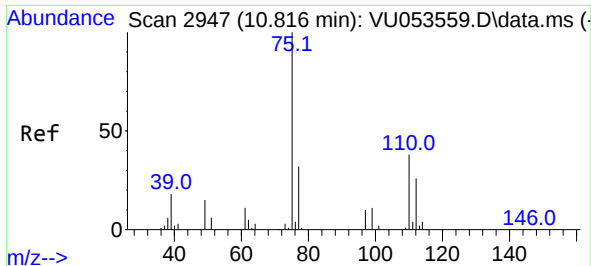
Tgt Ion: 63 Resp: 9029
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#



#51
Chlorobenzene
Concen: 13.104 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VU053569.D
Acq: 04 Apr 2023 18:18

Tgt Ion: 112 Resp: 66180
Ion Ratio Lower Upper
112 100
114 31.4 22.2 41.2
77 57.1 41.3 61.9

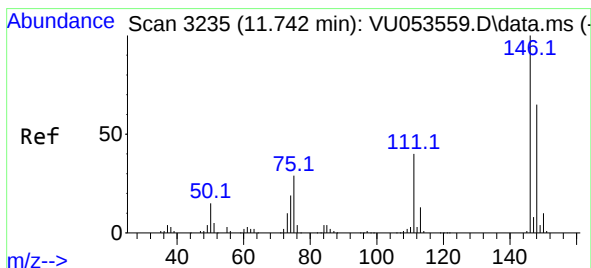
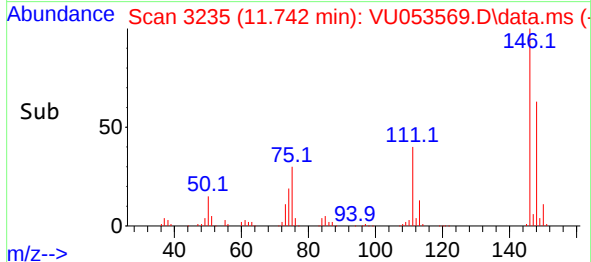
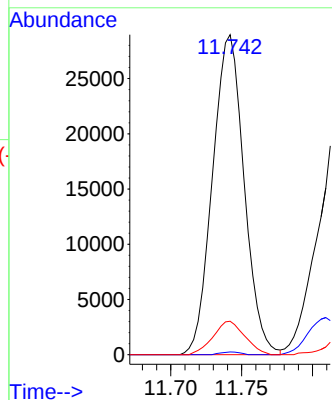
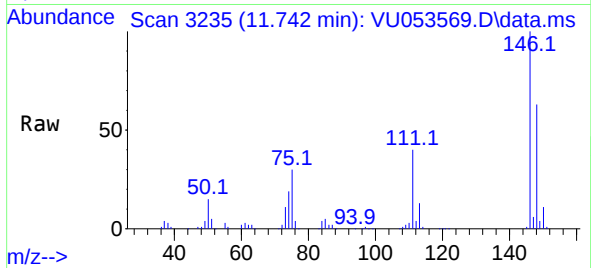




#60
1,2,3-Trichloropropane
Concen: 23.741 ug/L
RT: 11.742 min Scan# 311
Delta R.T. 0.926 min
Lab File: VU053569.D
Acq: 04 Apr 2023 18:18

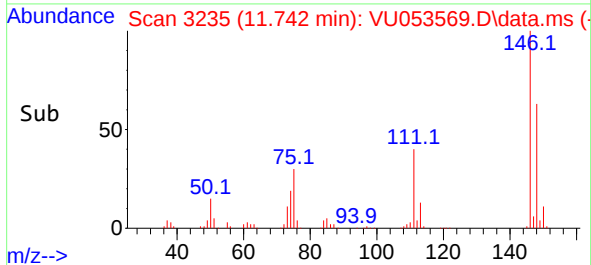
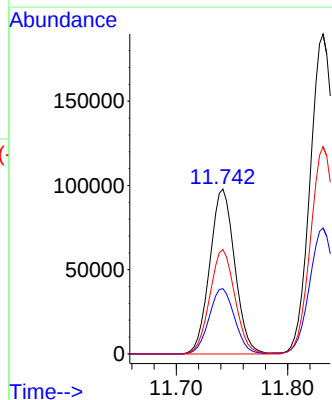
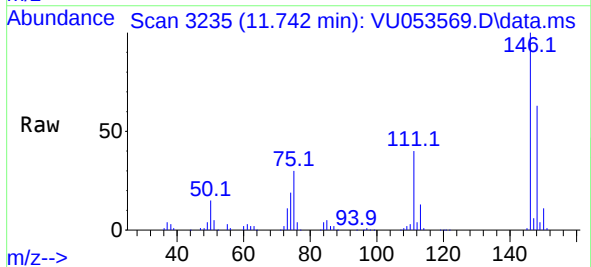
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MSVOA_U
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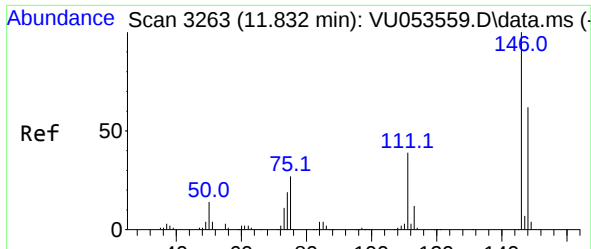
Tgt Ion: 75 Resp: 44936
Ion Ratio Lower Upper
75 100
77 0.5 26.0 39.0#
110 10.5 32.6 48.8#



#64
1,3-Dichlorobenzene
Concen: 37.919 ug/L
RT: 11.742 min Scan# 3235
Delta R.T. 0.000 min
Lab File: VU053569.D
Acq: 04 Apr 2023 18:18

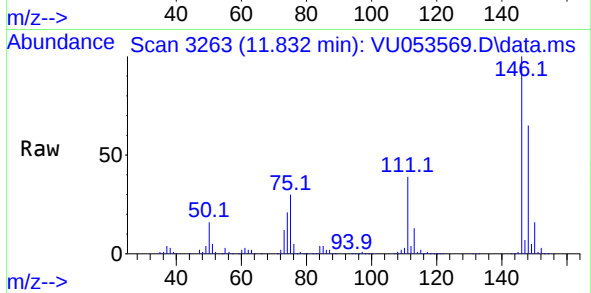
Tgt Ion:146 Resp: 152919
Ion Ratio Lower Upper
146 100
111 39.5 25.7 47.7
148 63.3 44.2 82.2



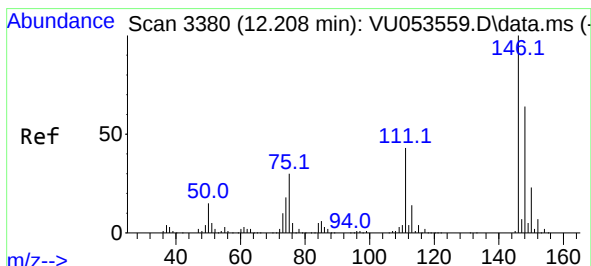
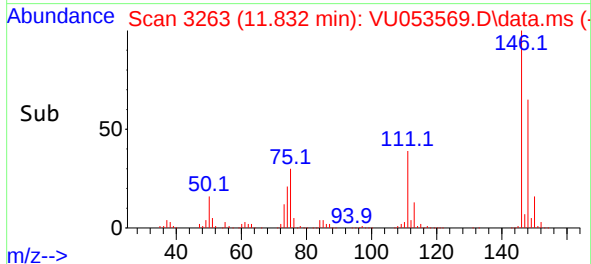
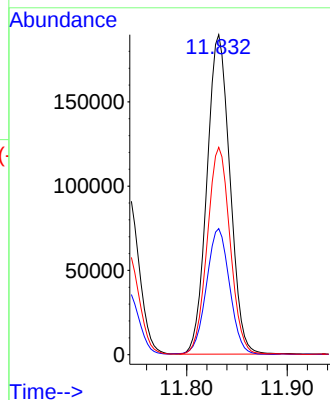


#65
1,4-Dichlorobenzene
Concen: 73.337 ug/L
RT: 11.832 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU053569.D
Acq: 04 Apr 2023 18:18

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:146 Resp: 301424
Ion Ratio Lower Upper
146 100
111 39.4 25.1 46.5
148 64.8 44.3 82.3



#67
1,2-Dichlorobenzene
Concen: 4.291 ug/L
RT: 12.208 min Scan# 3380
Delta R.T. 0.000 min
Lab File: VU053569.D
Acq: 04 Apr 2023 18:18

Tgt Ion:146 Resp: 17247
Ion Ratio Lower Upper
146 100
111 42.4 31.5 47.3
148 62.8 51.6 77.4

