

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120423\
 Data File : VW033098.D
 Acq On : 04 Dec 2023 15:49
 Operator : SY/MD
 Sample : 04929-16ME 2X
 Misc : 4.75G/5.0mL/100uL/5mL/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AR4ME

Quant Time: Dec 05 03:23:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 05 03:20:48 2023
 Response via : Initial Calibration

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

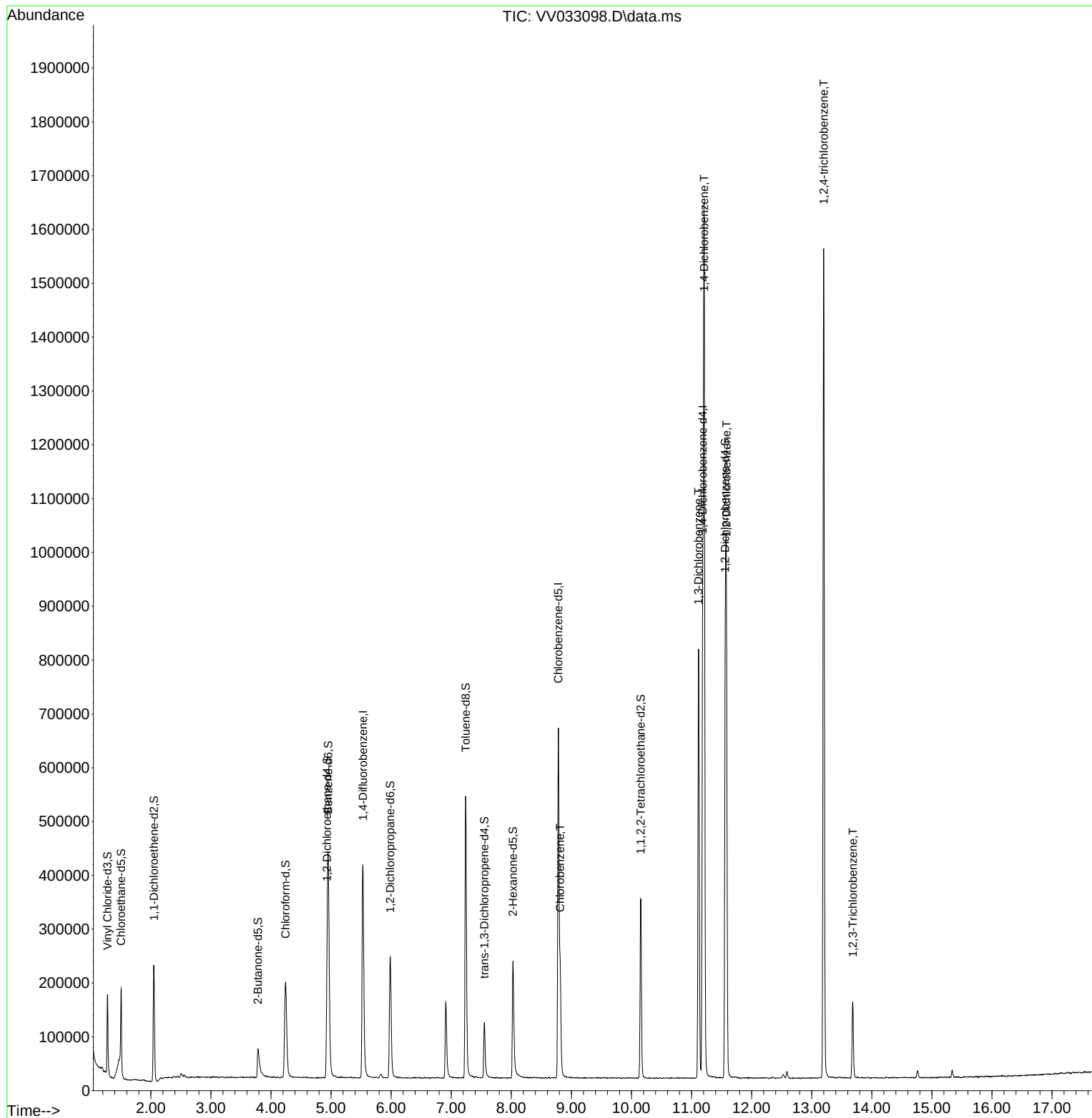
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	354990	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	359717	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	223311	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	98568	46.448	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	92.900%		
7) Chloroethane-d5	1.503	69	75343	50.955	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery =	101.900%		
11) 1,1-Dichloroethene-d2	2.050	65	35340	43.775	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.560%		
21) 2-Butanone-d5	3.783	46	87187	82.719	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	82.720%		
24) Chloroform-d	4.243	84	195527	43.416	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.840%		
26) 1,2-Dichloroethane-d4	4.934	65	126506	45.181	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.360%		
32) Benzene-d6	4.953	84	379713	45.134	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.260%		
36) 1,2-Dichloropropane-d6	5.985	67	102566	45.342	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.680%		
41) Toluene-d8	7.239	98	351868	43.844	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.680%		
43) trans-1,3-Dichloroprop...	7.551	79	60903	42.578	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.160%		
47) 2-Hexanone-d5	8.027	63	79747	87.755	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	87.760%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	148856	46.292	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	92.580%		
66) 1,2-Dichlorobenzene-d4	11.561	152	176977	44.542	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.080%		
Target Compounds						
51) Chlorobenzene	8.812	112	117210	16.226	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	330847	48.096	ug/L	100
65) 1,4-Dichlorobenzene	11.210	146	629472	88.092	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	336599	49.912	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	479606	94.213	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	45099	9.181	ug/L	98

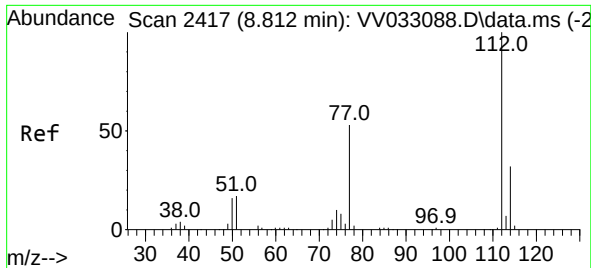
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 05 03:20:48 2023
Response via : Initial Calibration

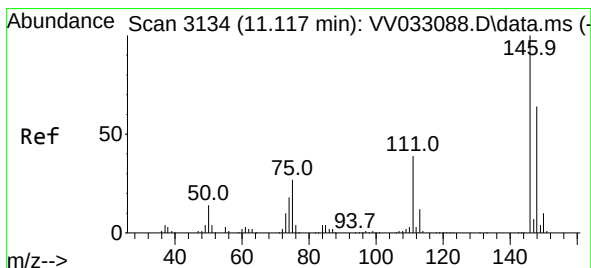
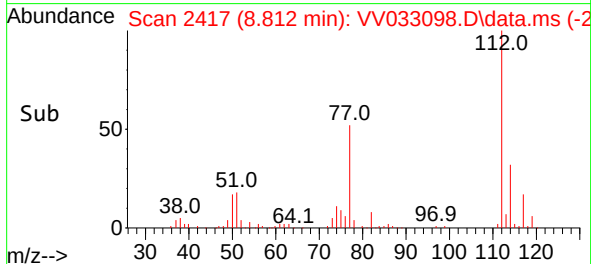
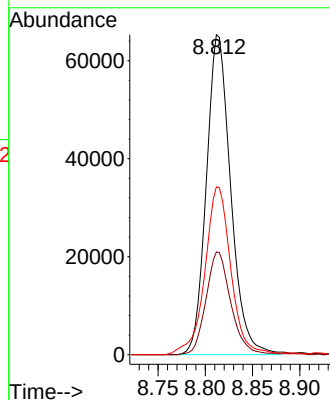
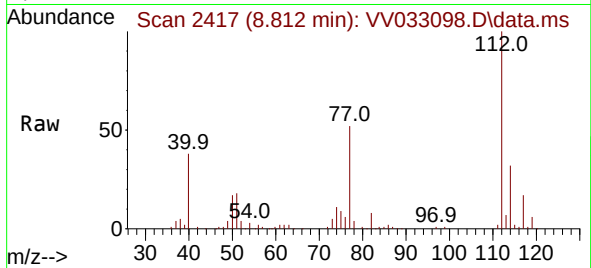




#51
Chlorobenzene
Concen: 16.226 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.000 min
Lab File: VV033098.D
Acq: 04 Dec 2023 15:49

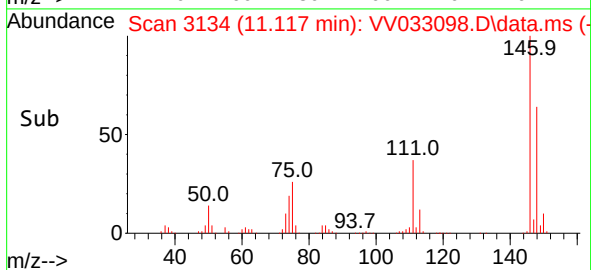
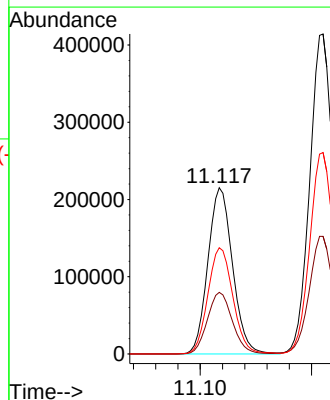
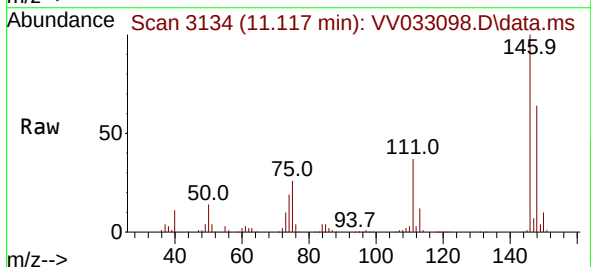
Instrument :
MSVOA_V
ClientSampleId :
C0AR4ME

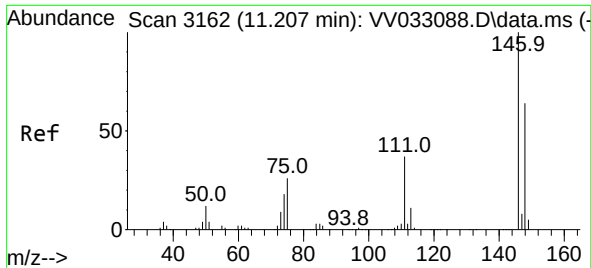
Tgt Ion:112 Resp: 117210
Ion Ratio Lower Upper
112 100
114 32.1 22.9 42.5
77 52.5 42.6 64.0



#64
1,3-Dichlorobenzene
Concen: 48.096 ug/L
RT: 11.117 min Scan# 3134
Delta R.T. 0.000 min
Lab File: VV033098.D
Acq: 04 Dec 2023 15:49

Tgt Ion:146 Resp: 330847
Ion Ratio Lower Upper
146 100
111 37.1 26.2 48.6
148 63.9 44.5 82.7





#65

1,4-Dichlorobenzene

Concen: 88.092 ug/L

RT: 11.210 min Scan# 3162

Delta R.T. 0.003 min

Lab File: VV033098.D

Acq: 04 Dec 2023 15:49

Instrument :

MSVOA_V

ClientSampleId :

C0AR4ME

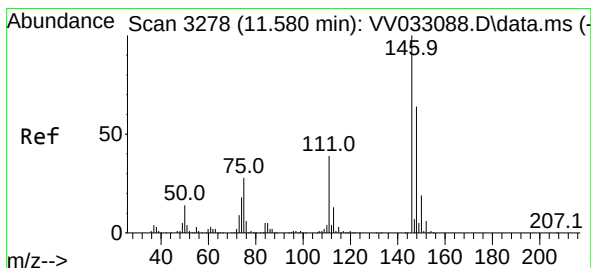
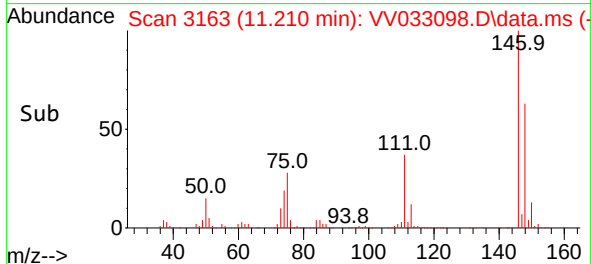
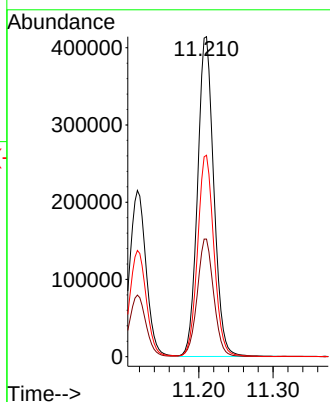
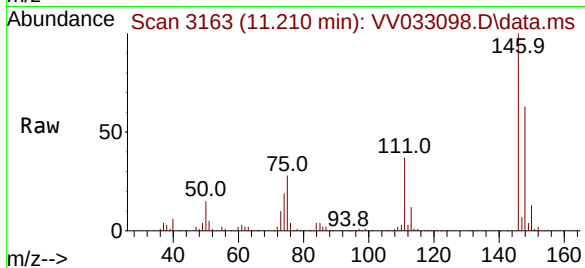
Tgt Ion:146 Resp: 629472

Ion Ratio Lower Upper

146 100

111 36.8 25.9 48.1

148 62.9 44.9 83.5



#67

1,2-Dichlorobenzene

Concen: 49.912 ug/L

RT: 11.580 min Scan# 3278

Delta R.T. 0.000 min

Lab File: VV033098.D

Acq: 04 Dec 2023 15:49

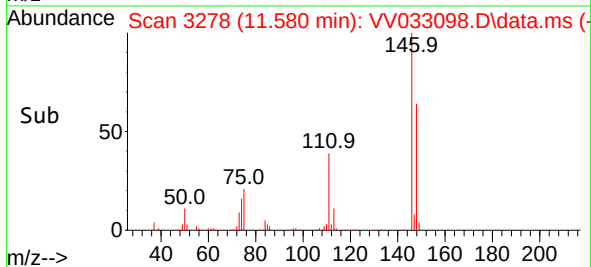
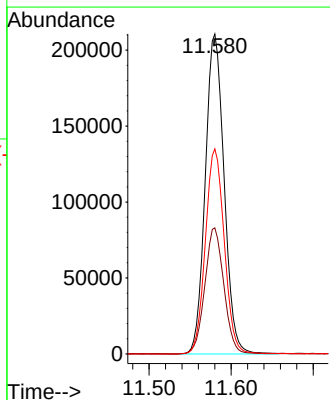
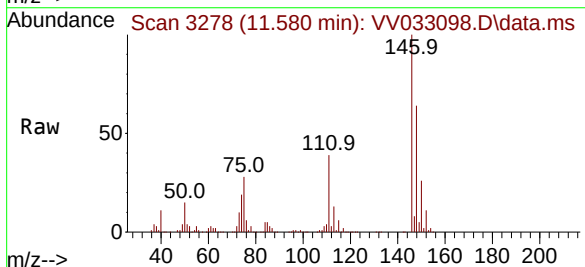
Tgt Ion:146 Resp: 336599

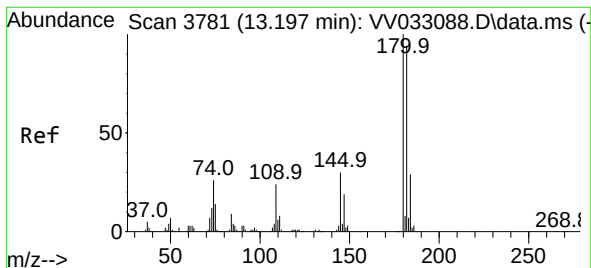
Ion Ratio Lower Upper

146 100

111 39.4 32.4 48.6

148 64.1 51.8 77.8





#70

1,2,4-trichlorobenzene

Concen: 94.213 ug/L

RT: 13.201 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV033098.D

Acq: 04 Dec 2023 15:49

Instrument :

MSVOA_V

ClientSampleId :

C0AR4ME

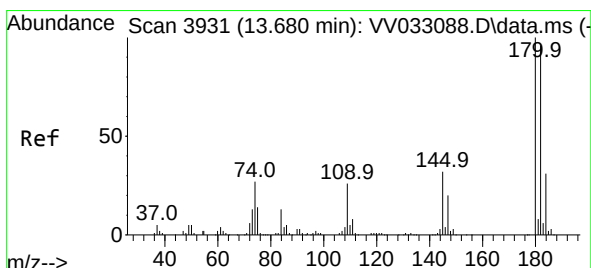
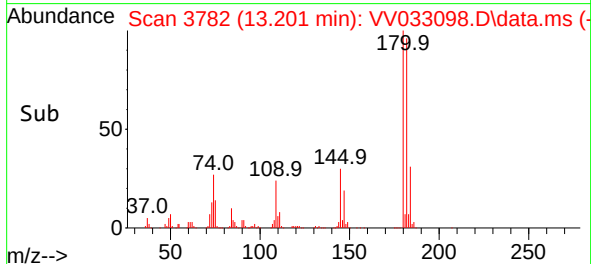
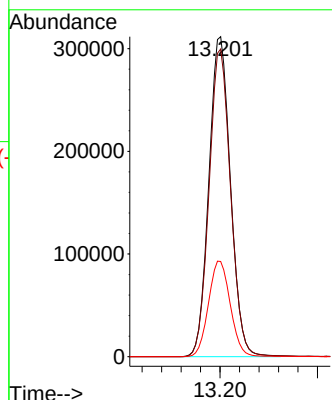
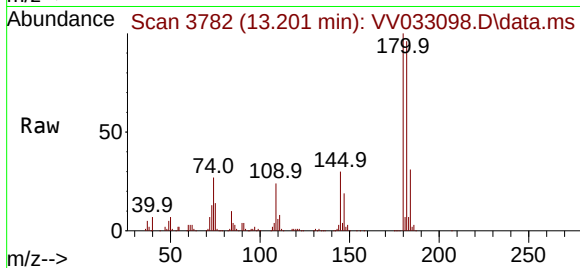
Tgt Ion:180 Resp: 479606

Ion Ratio Lower Upper

180 100

182 96.0 76.3 114.5

145 30.2 23.4 35.0



#72

1,2,3-Trichlorobenzene

Concen: 9.181 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.003 min

Lab File: VV033098.D

Acq: 04 Dec 2023 15:49

Tgt Ion:180 Resp: 45099

Ion Ratio Lower Upper

180 100

182 95.6 75.2 112.8

145 32.7 24.9 37.3

