

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041924\
 Data File : VV035297.D
 Acq On : 19 Apr 2024 10:56
 Operator : SY/MD
 Sample : VV0419WBL01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 19 22:29:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 19 22:28:16 2024
 Response via : Initial Calibration

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

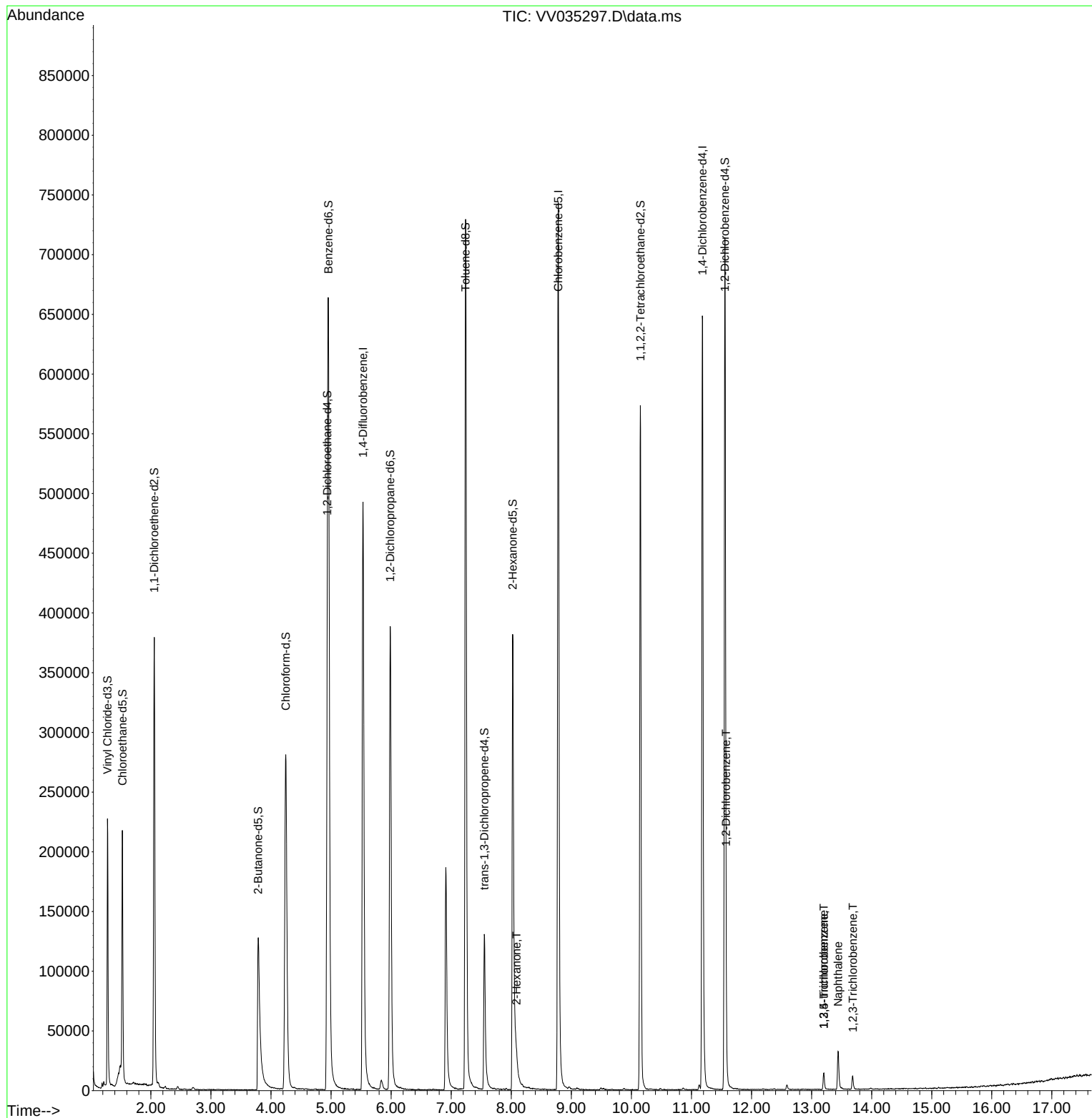
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	436099	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	417764	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	176559	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	150865	35.821	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.640%
7) Chloroethane-d5	1.526	69	126623	34.615	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	69.220%#
11) 1,1-Dichloroethene-d2	2.056	65	64032	34.684	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.360%
21) 2-Butanone-d5	3.786	46	225551	90.298	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.300%
24) Chloroform-d	4.246	84	306648	43.305	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.600%
26) 1,2-Dichloroethane-d4	4.937	65	198375	44.125	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.240%
32) Benzene-d6	4.957	84	602713	42.950	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.900%
36) 1,2-Dichloropropane-d6	5.985	67	202179	45.371	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.740%
41) Toluene-d8	7.239	98	510388	40.386	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.780%
43) trans-1,3-Dichloroprop...	7.551	79	84398	38.959	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.920%
47) 2-Hexanone-d5	8.024	63	131828	78.246	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.250%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	281798	45.922	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.840%
66) 1,2-Dichlorobenzene-d4	11.558	152	189127	47.709	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.420%
Target Compounds						
					Qvalue	
48) 2-Hexanone	8.088	43	15979	3.909	ug/L #	93
67) 1,2-Dichlorobenzene	11.577	146	7167	1.210	ug/L	98
69) 1,3,5-Trichlorobenzene	13.204	180	4637	1.082	ug/L	96
70) 1,2,4-trichlorobenzene	13.204	180	4637	1.178	ug/L	96
71) Naphthalene	13.442	128	28954	2.650	ug/L	99
72) 1,2,3-Trichlorobenzene	13.686	180	4184	1.078	ug/L	96

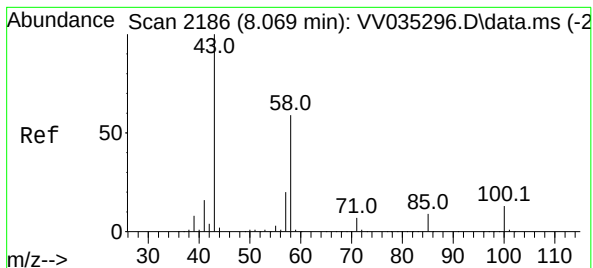
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 19 22:28:16 2024
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#48

2-Hexanone

Concen: 3.909 ug/L

RT: 8.088 min Scan# 2186

Delta R.T. 0.019 min

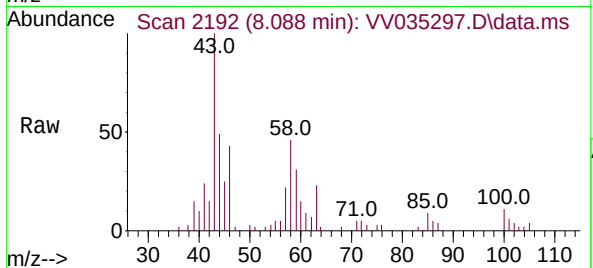
Lab File: VV035297.D

Acq: 19 Apr 2024 10:56

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 15979

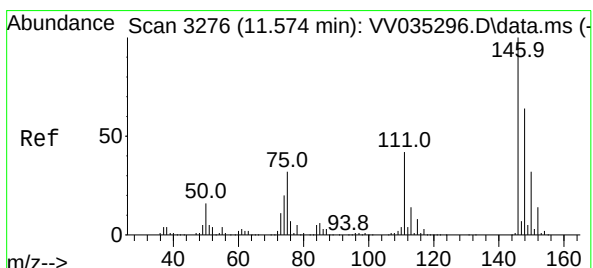
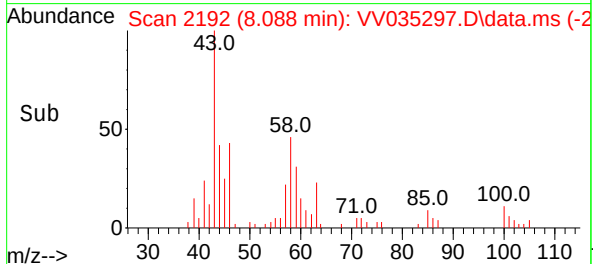
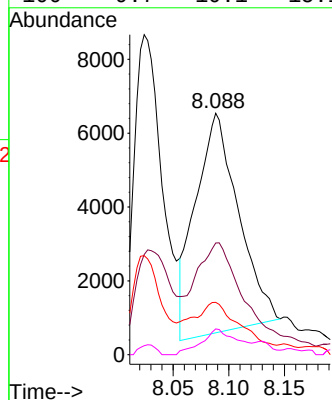
Ion Ratio Lower Upper

43 100

58 60.7 45.4 68.2

57 15.2 16.2 24.4#

100 9.7 10.1 15.1#



#67

1,2-Dichlorobenzene

Concen: 1.210 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.003 min

Lab File: VV035297.D

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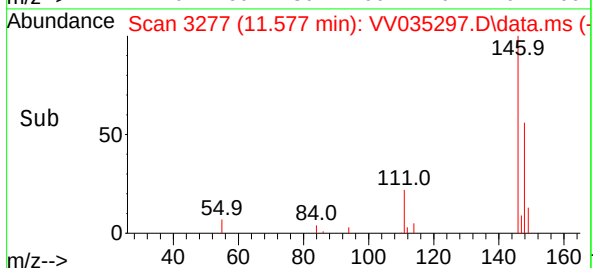
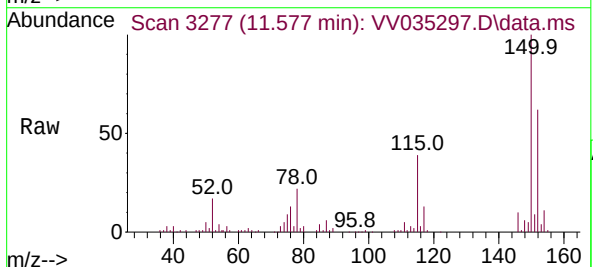
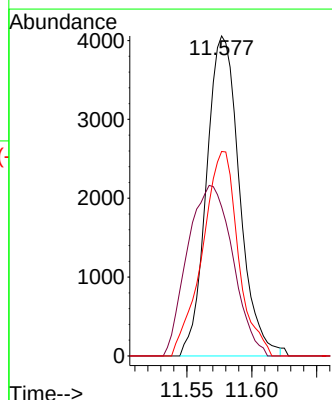
Tgt Ion: 146 Resp: 7167

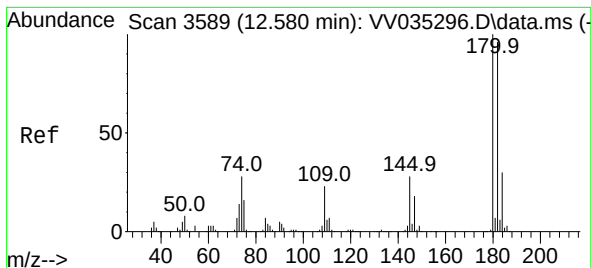
Ion Ratio Lower Upper

146 100

111 46.6 34.6 52.0

148 63.9 51.5 77.3





#69

1,3,5-Trichlorobenzene

Concen: 1.082 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. 0.624 min

Lab File: VV035297.D

Acq: 19 Apr 2024 10:56

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180 Resp: 4637

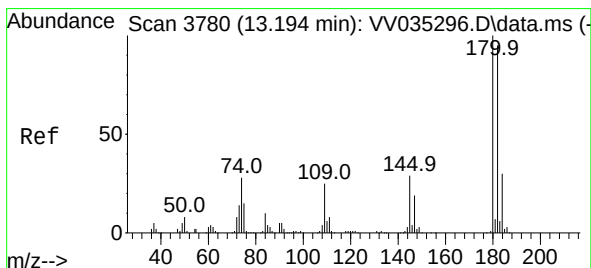
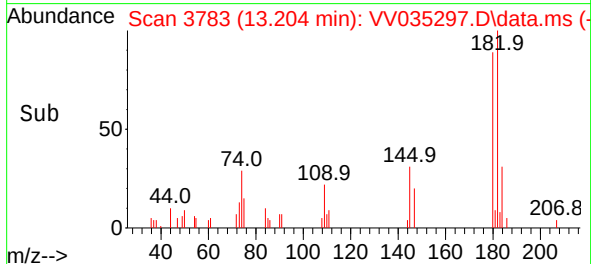
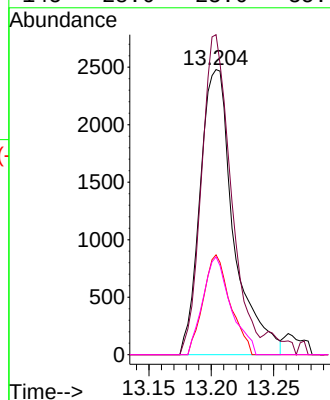
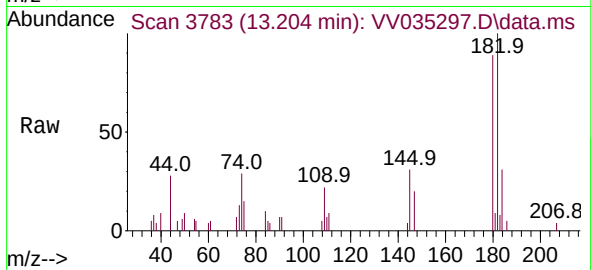
Ion Ratio Lower Upper

180 100

182 98.5 74.7 112.1

184 28.2 24.0 36.0

145 28.6 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 1.178 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. 0.010 min

Lab File: VV035297.D

Acq: 19 Apr 2024 10:56

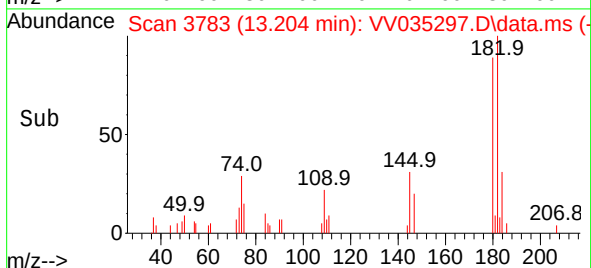
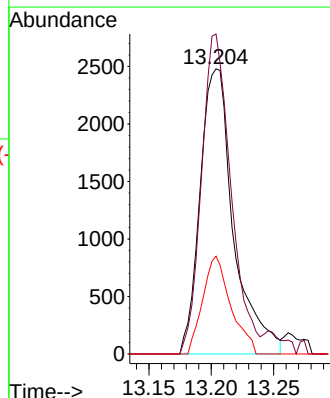
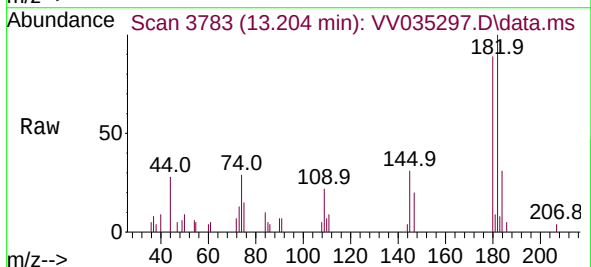
Tgt Ion:180 Resp: 4637

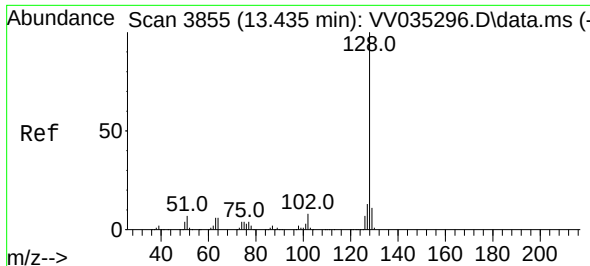
Ion Ratio Lower Upper

180 100

182 98.5 75.6 113.4

145 28.6 24.1 36.1

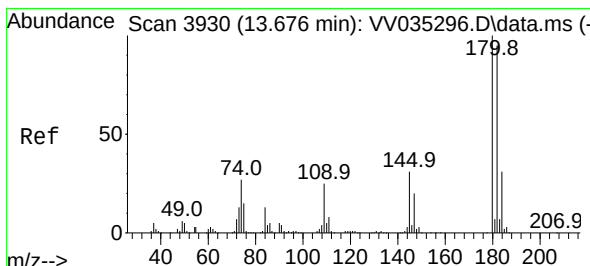
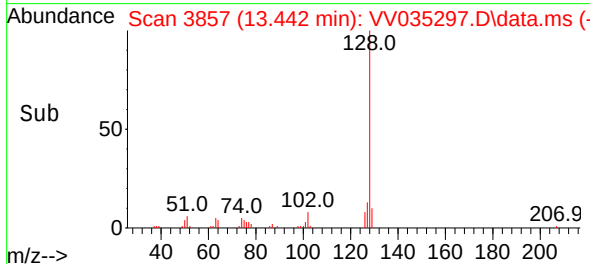
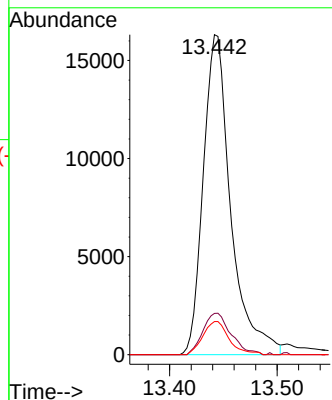
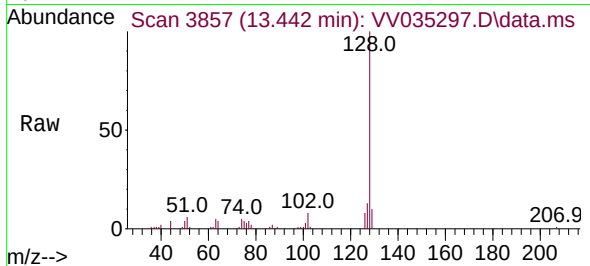




#71
Naphthalene
Concen: 2.650 ug/L
RT: 13.442 min Scan# 3855
Delta R.T. 0.006 min
Lab File: VV035297.D
Acq: 19 Apr 2024 10:56

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 28954
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 9.9 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 1.078 ug/L
RT: 13.686 min Scan# 3933
Delta R.T. 0.010 min
Lab File: VV035297.D
Acq: 19 Apr 2024 10:56

Tgt Ion:180 Resp: 4184
Ion Ratio Lower Upper
180 100
182 93.0 76.2 114.2
145 26.6 25.8 38.6

