

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102723\
 Data File : VV032686.D
 Acq On : 27 Oct 2023 16:06
 Operator : SY/MD
 Sample : 04992-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 28 00:25:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 28 00:17:24 2023
 Response via : Initial Calibration

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

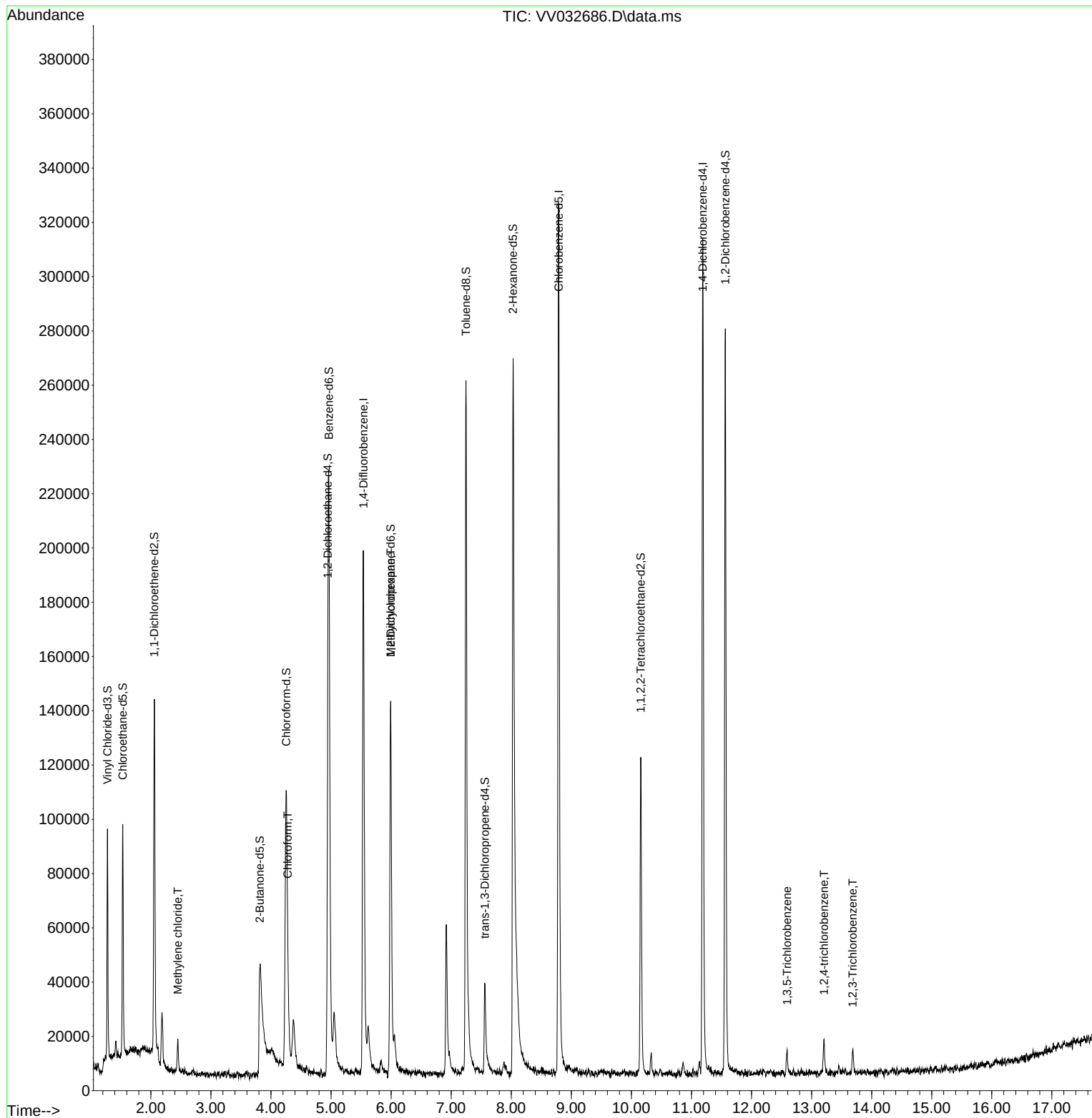
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	166286	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	187792	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	81502	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	52911	3.874	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.400%
7) Chloroethane-d5	1.532	69	54271	4.676	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.600%
11) 1,1-Dichloroethene-d2	2.056	65	21293	3.474	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.400%
20) 2-Butanone-d5	3.815	46	95300	32.315	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	64.620%
24) Chloroform-d	4.252	84	103294	4.555	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
26) 1,2-Dichloroethane-d4	4.947	65	53540	4.782	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
32) Benzene-d6	4.963	84	200946	4.494	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
36) 1,2-Dichloropropane-d6	5.992	67	63966	4.941	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.800%
41) Toluene-d8	7.246	98	181747	4.010	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.200%
43) trans-1,3-Dichloroprop...	7.561	79	22723	3.977	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.600%
46) 2-Hexanone-d5	8.030	63	111715	49.341	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.680%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	57659	5.008	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.200%
66) 1,2-Dichlorobenzene-d4	11.564	152	69367	5.212	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.200%
Target Compounds						
					Qvalue	
16) Methylene chloride	2.449	84	4898	0.268	ug/L	92
25) Chloroform	4.278	83	20182	0.712	ug/L	100
35) Methylcyclohexane	5.992	83	17341	0.734	ug/L #	19
69) 1,3,5-Trichlorobenzene	12.593	180	2235	0.106	ug/L #	85
70) 1,2,4-trichlorobenzene	13.207	180	3287	0.183	ug/L	98
72) 1,2,3-Trichlorobenzene	13.683	180	2356	0.149	ug/L	96

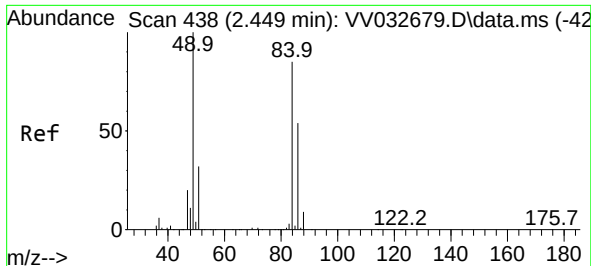
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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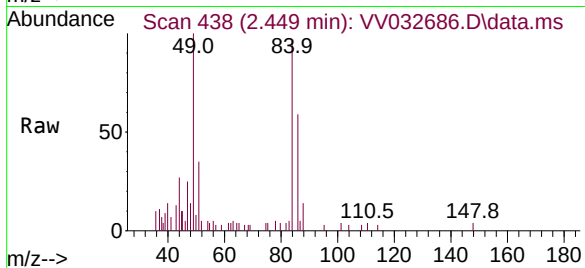
Quant Time: Oct 28 00:25:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102723WMA.M
Quant Title : TRACE VOA SFAM1.0
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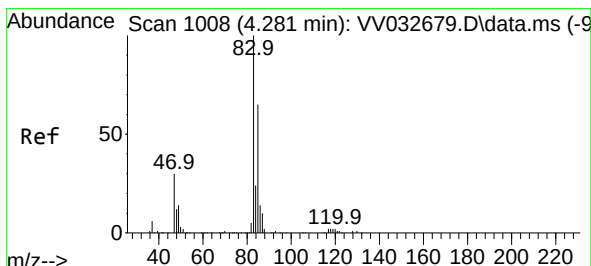
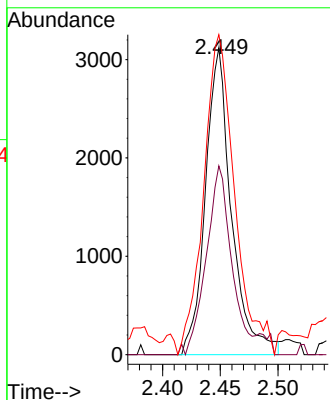
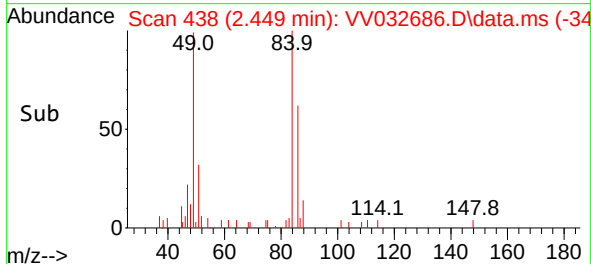


#16
Methylene chloride
Concen: 0.268 ug/L
RT: 2.449 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV032686.D
Acq: 27 Oct 2023 16:06

Instrument :
MSVOA_V
ClientSampleId :

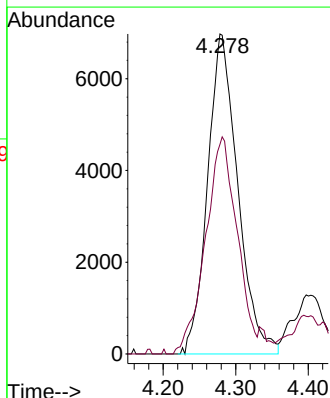
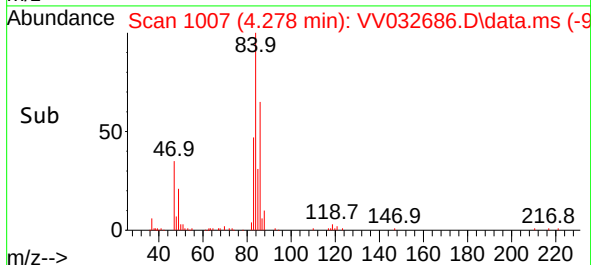
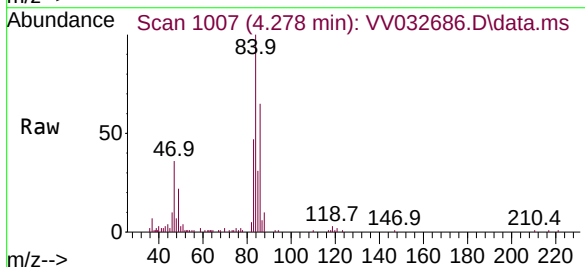


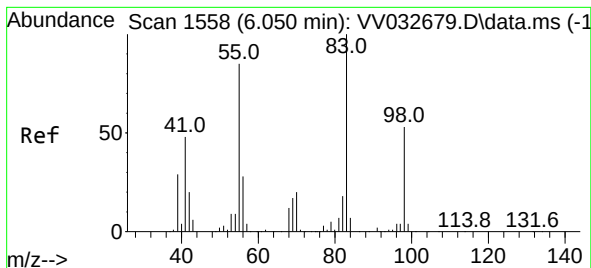
Tgt Ion: 84 Resp: 4898
Ion Ratio Lower Upper
84 100
86 66.8 44.8 83.2
49 104.3 81.1 150.5



#25
Chloroform
Concen: 0.712 ug/L
RT: 4.278 min Scan# 1007
Delta R.T. -0.003 min
Lab File: VV032686.D
Acq: 27 Oct 2023 16:06

Tgt Ion: 83 Resp: 20182
Ion Ratio Lower Upper
83 100
85 65.5 45.7 84.9





#35

Methylcyclohexane

Concen: 0.734 ug/L

RT: 5.992 min Scan# 1

Delta R.T. -0.058 min

Lab File: VV032686.D

Acq: 27 Oct 2023 16:06

Instrument :

MSVOA_V

ClientSampleId :

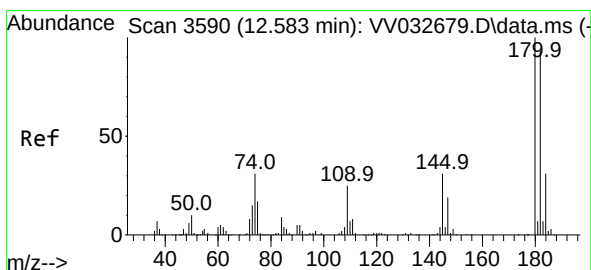
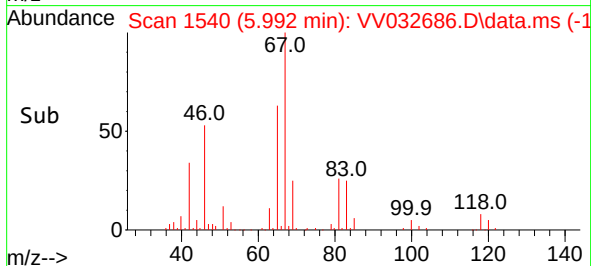
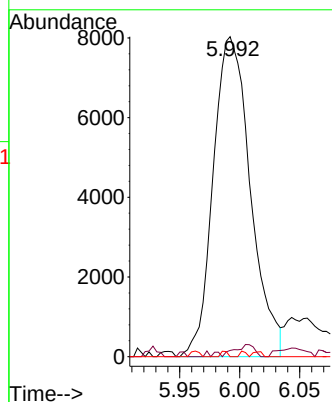
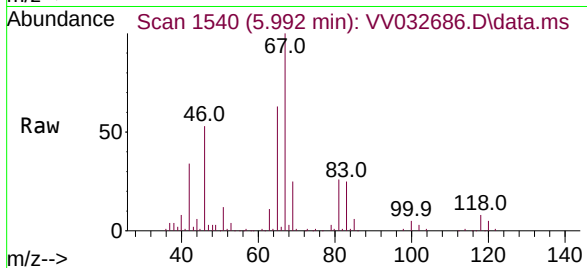
Tgt Ion: 83 Resp: 17341

Ion Ratio Lower Upper

83 100

55 0.2 59.6 89.4#

98 0.3 39.1 58.7#



#69

1,3,5-Trichlorobenzene

Concen: 0.106 ug/L

RT: 12.593 min Scan# 3593

Delta R.T. 0.010 min

Lab File: VV032686.D

Acq: 27 Oct 2023 16:06

Tgt Ion:180 Resp: 2235

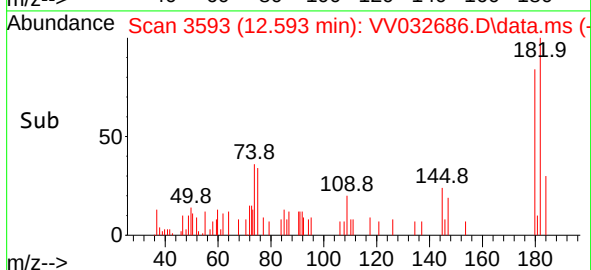
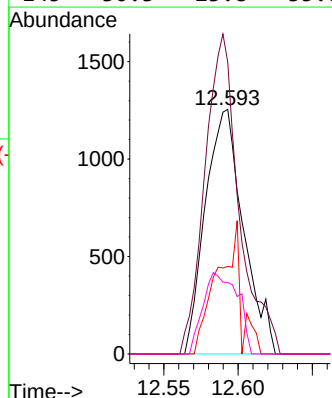
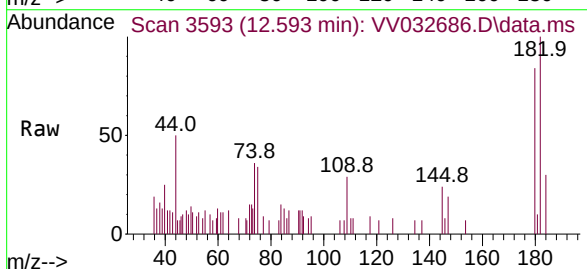
Ion Ratio Lower Upper

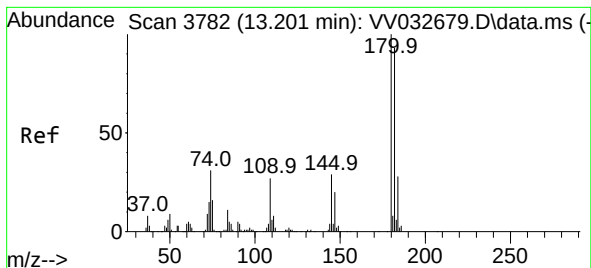
180 100

182 117.5 76.6 115.0#

184 33.8 24.3 36.5

145 30.3 23.8 35.8





#70

1,2,4-trichlorobenzene

Concen: 0.183 ug/L

RT: 13.207 min Scan# 31

Delta R.T. 0.007 min

Lab File: VV032686.D

Acq: 27 Oct 2023 16:06

Instrument :

MSVOA_V

ClientSampleId :

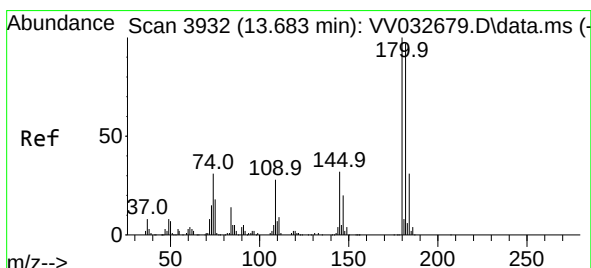
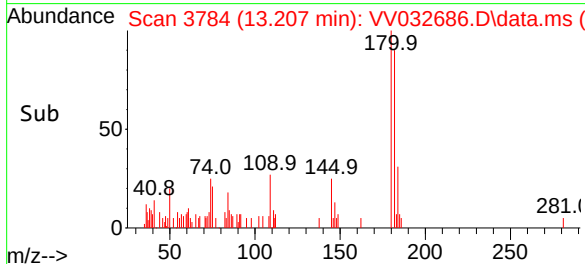
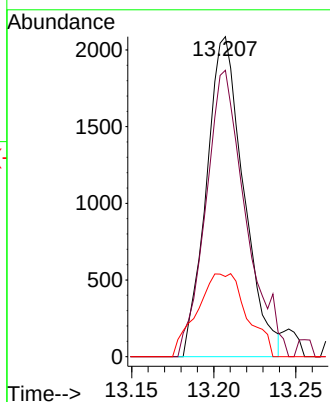
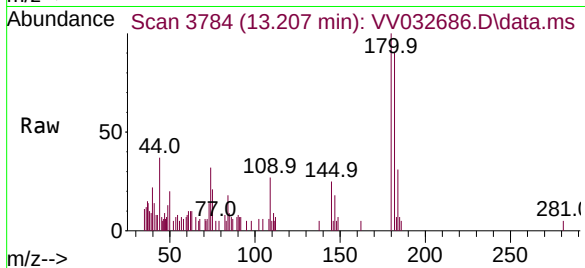
Tgt Ion:180 Resp: 3287

Ion Ratio Lower Upper

180 100

182 95.8 75.7 113.5

145 34.6 25.0 37.4



#72

1,2,3-Trichlorobenzene

Concen: 0.149 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.000 min

Lab File: VV032686.D

Acq: 27 Oct 2023 16:06

Tgt Ion:180 Resp: 2356

Ion Ratio Lower Upper

180 100

182 96.6 75.4 113.2

145 37.9 26.4 39.6

