

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100423\
 Data File : VW027216.D
 Acq On : 04 Oct 2023 13:17
 Operator : SY/MD
 Sample : 04707-05RE
 Misc : 6.48g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 04 22:51:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092723SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 04 22:49:04 2023
 Response via : Initial Calibration

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

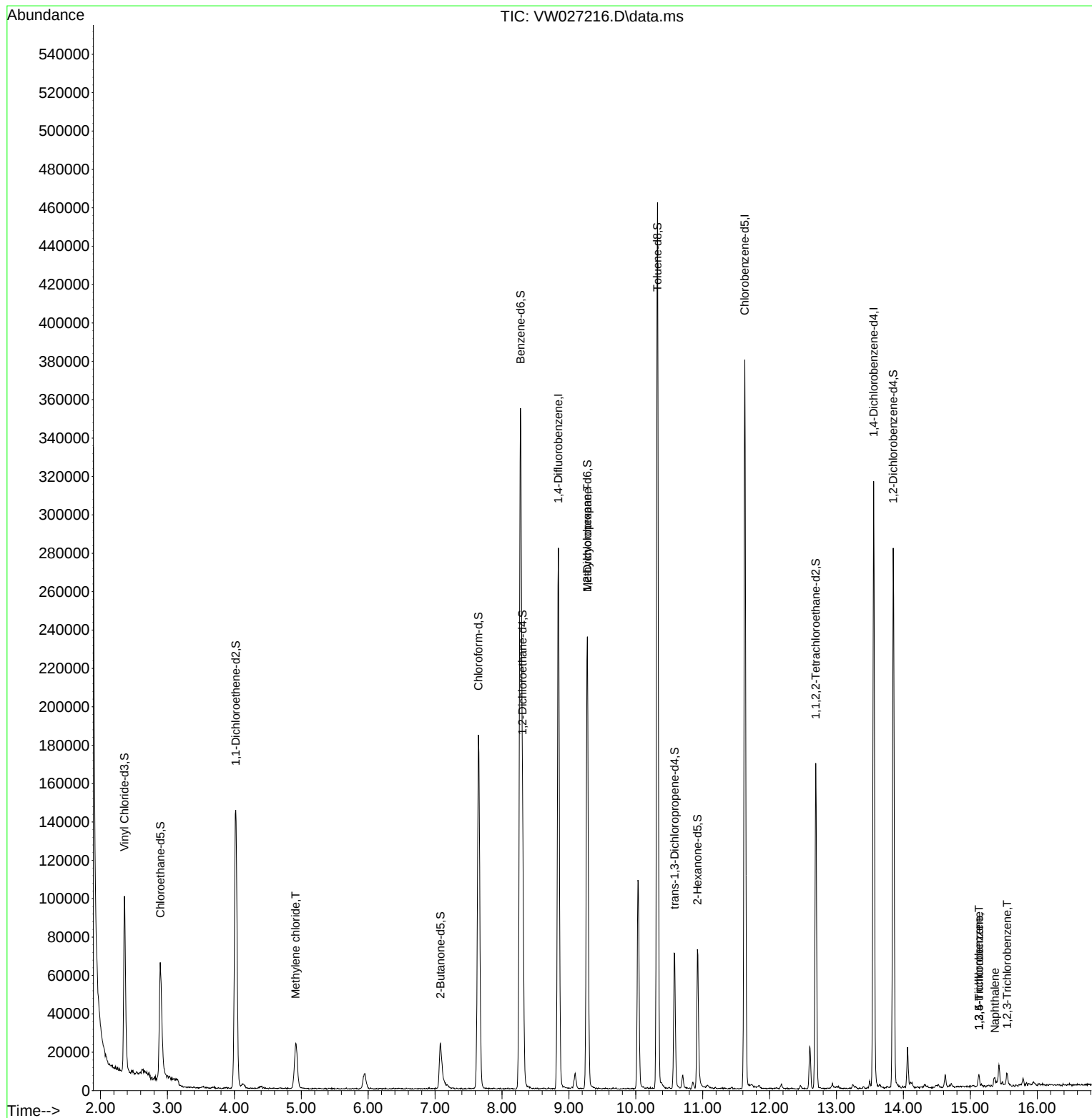
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	240739	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	222982	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	85673	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	110690	29.264	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	= 117.040%	
7) Chloroethane-d5	2.893	69	88281	29.531	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 118.120%	
11) 1,1-Dichloroethene-d2	4.021	65	44842	28.535	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 114.120%#	
21) 2-Butanone-d5	7.081	46	39554	50.585	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 101.180%	
24) Chloroform-d	7.648	84	188706	26.783	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 107.120%	
26) 1,2-Dichloroethane-d4	8.307	65	95345	28.237	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 112.960%	
32) Benzene-d6	8.276	84	385988	28.245	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 112.960%	
36) 1,2-Dichloropropane-d6	9.276	67	117521	28.725	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 114.880%	
41) Toluene-d8	10.325	98	310343	25.735	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 102.960%	
43) trans-1,3-Dichloroprop...	10.581	79	42936	26.742	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 106.960%	
47) 2-Hexanone-d5	10.922	63	24445	39.059	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 78.120%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	84593	27.017	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 108.080%	
66) 1,2-Dichlorobenzene-d4	13.848	152	76724	26.709	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 106.840%	
Target Compounds						Qvalue
16) Methylene chloride	4.917	84	18991	4.030	ug/L	96
35) Methylcyclohexane	9.276	83	27655	3.995	ug/L #	20
69) 1,3,5-Trichlorobenzene	15.129	180	2268	0.605	ug/L	89
70) 1,2,4-trichlorobenzene	15.129	180	2268	0.767	ug/L	96
71) Naphthalene	15.366	128	4267	0.818	ug/L #	93
72) 1,2,3-Trichlorobenzene	15.549	180	2281	0.869	ug/L #	90

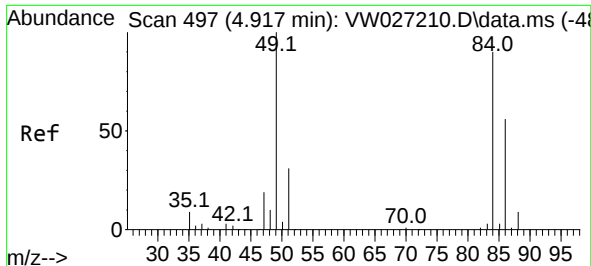
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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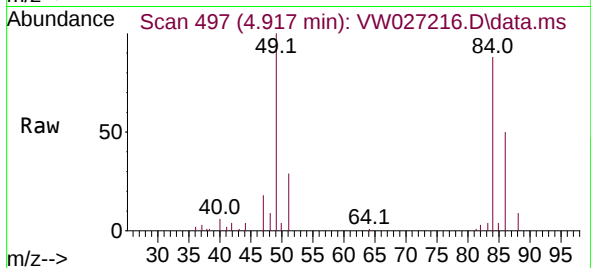
Quant Time: Oct 04 22:51:24 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092723SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Oct 04 22:49:04 2023
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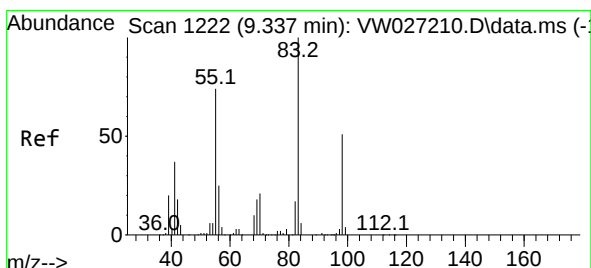
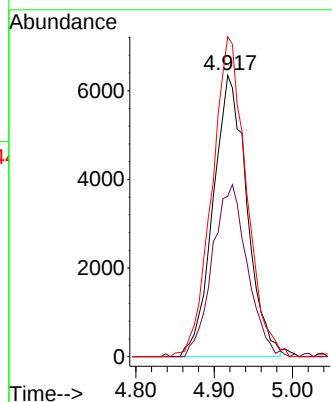
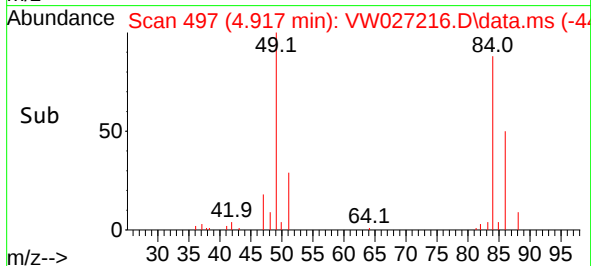


#16
Methylene chloride
Concen: 4.030 ug/L
RT: 4.917 min Scan# 49
Delta R.T. -0.000 min
Lab File: VW027216.D
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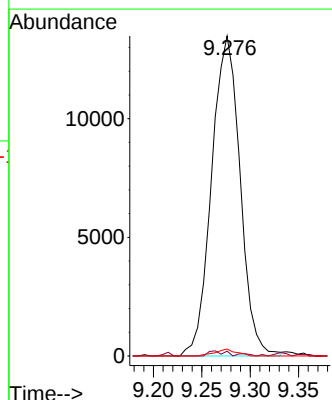
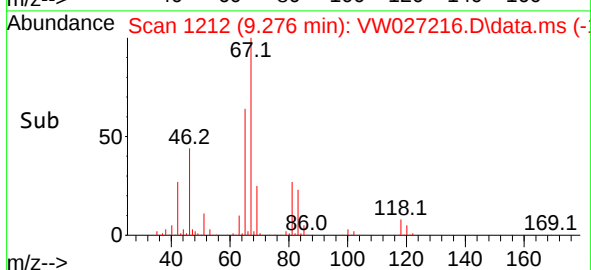
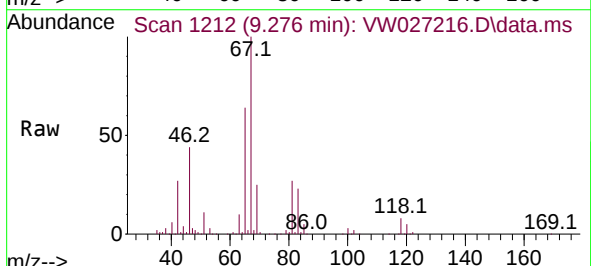


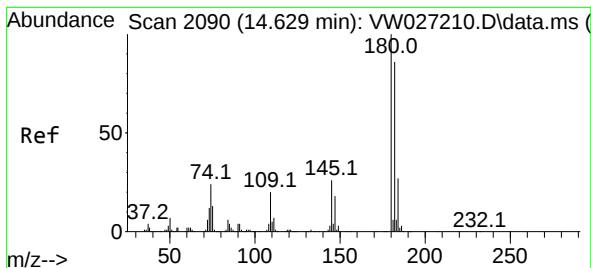
Tgt Ion: 84 Resp: 18991
Ion Ratio Lower Upper
84 100
86 57.1 45.1 83.9
49 113.7 80.9 150.3



#35
Methylcyclohexane
Concen: 3.995 ug/L
RT: 9.276 min Scan# 1212
Delta R.T. -0.061 min
Lab File: VW027216.D
Acq: 04 Oct 2023 13:17

Tgt Ion: 83 Resp: 27655
Ion Ratio Lower Upper
83 100
55 0.6 59.1 88.7#
98 1.6 38.6 58.0#





#69

1,3,5-Trichlorobenzene

Concen: 0.605 ug/L

RT: 15.129 min Scan# 2112

Delta R.T. 0.500 min

Lab File: VW027216.D

Acq: 04 Oct 2023 13:17

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 2268

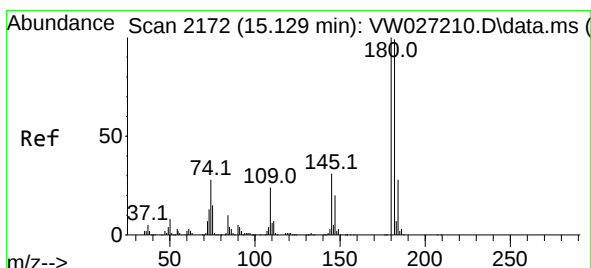
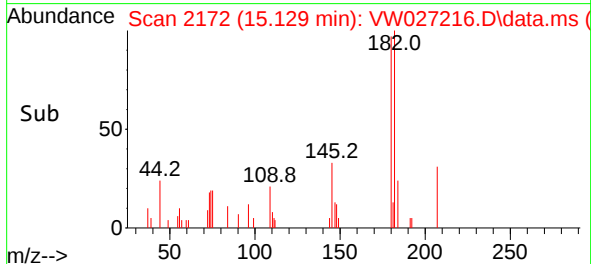
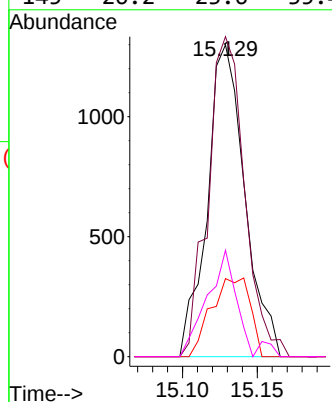
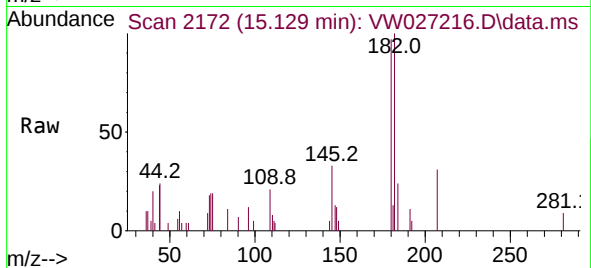
Ion Ratio Lower Upper

180 100

182 99.9 70.2 105.2

184 26.1 24.6 37.0

145 26.2 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 0.767 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW027216.D

Acq: 04 Oct 2023 13:17

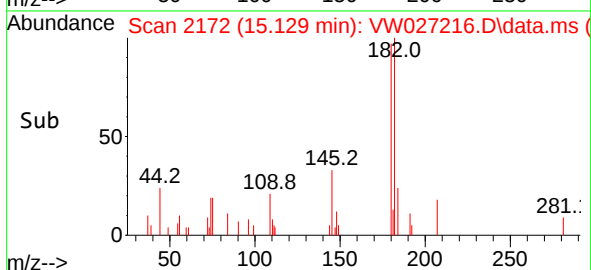
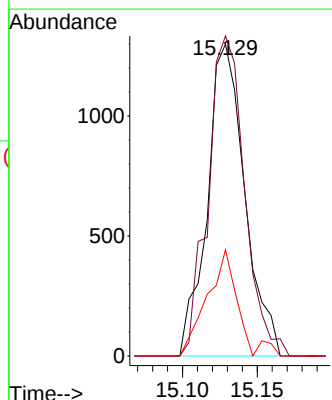
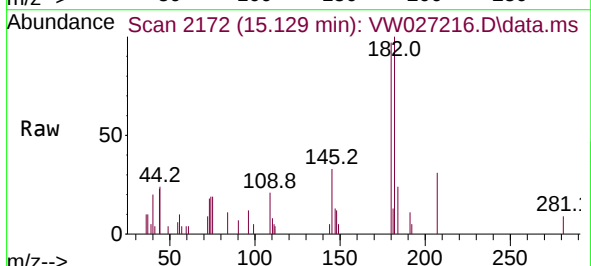
Tgt Ion:180 Resp: 2268

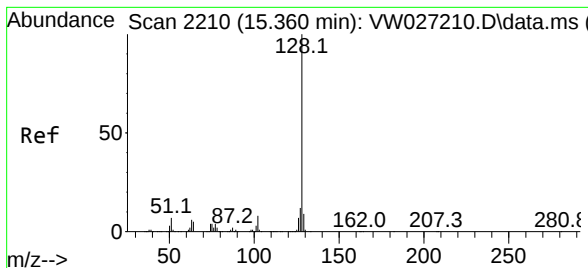
Ion Ratio Lower Upper

180 100

182 99.9 77.4 116.2

145 26.2 24.3 36.5





#71

Naphthalene

Concen: 0.818 ug/L

RT: 15.366 min Scan# 2211

Delta R.T. 0.006 min

Lab File: VW027216.D

Acq: 04 Oct 2023 13:17

Instrument :

MSVOA_W

ClientSampleId :

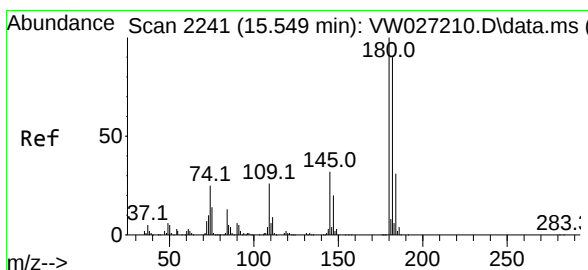
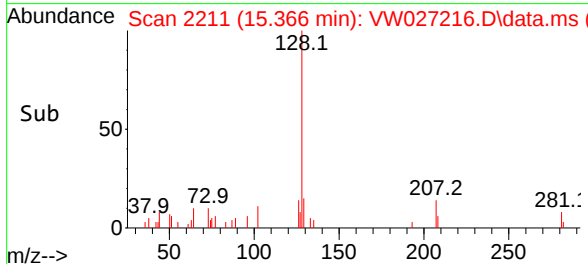
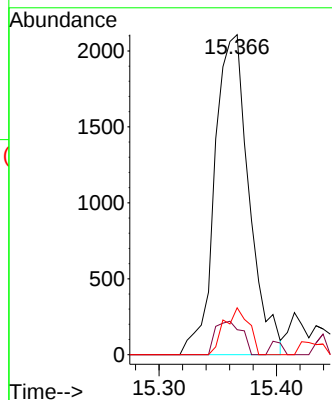
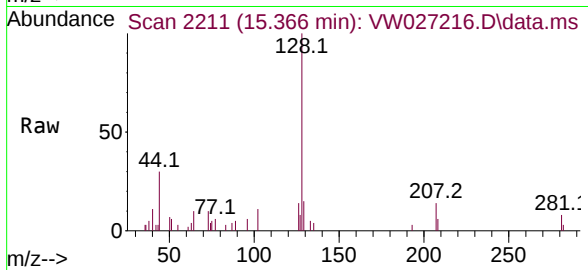
Tgt Ion:128 Resp: 4267

Ion Ratio Lower Upper

128 100

127 8.0 10.4 15.6#

129 10.5 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 0.869 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW027216.D

Acq: 04 Oct 2023 13:17

Tgt Ion:180 Resp: 2281

Ion Ratio Lower Upper

180 100

182 96.3 74.7 112.1

145 15.3 26.4 39.6#

