

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021624\
 Data File : VW028036.D
 Acq On : 16 Feb 2024 16:44
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 18 23:54:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sun Feb 18 23:52:23 2024
 Response via : Initial Calibration

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

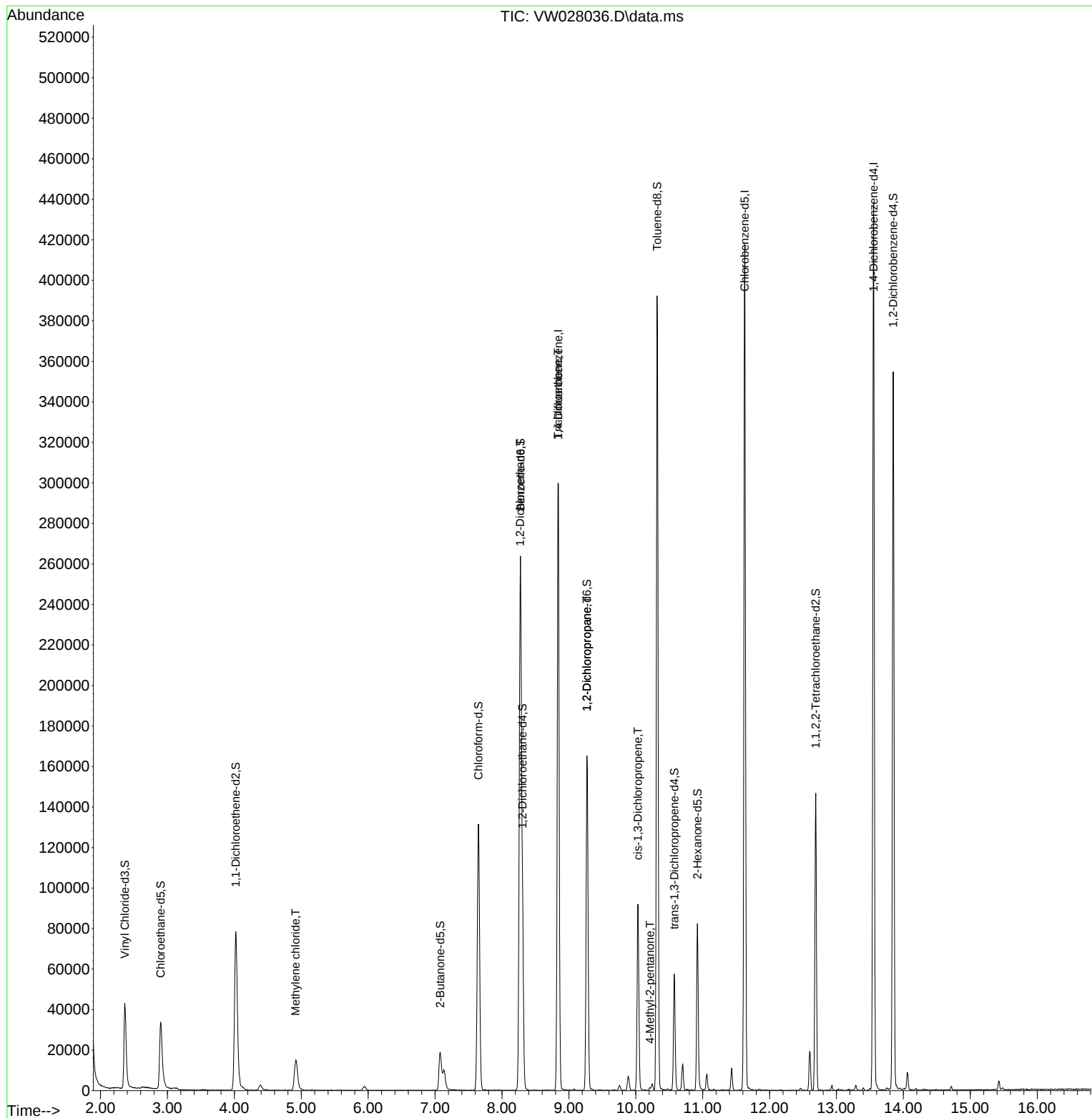
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	281511	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	245189	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	122109	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	59993	18.196	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.800%
7) Chloroethane-d5	2.899	69	52250	20.893	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.560%
11) 1,1-Dichloroethene-d2	4.021	65	27315	19.361	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.440%
21) 2-Butanone-d5	7.075	46	32059	62.578	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.160%
24) Chloroform-d	7.648	84	140980	21.418	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.680%
26) 1,2-Dichloroethane-d4	8.307	65	72548	24.403	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	8.276	84	286449	21.836	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.360%
36) 1,2-Dichloropropane-d6	9.270	67	79162	22.256	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.040%
41) Toluene-d8	10.319	98	273741	21.809	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.240%
43) trans-1,3-Dichloroprop...	10.575	79	33246	22.729	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.920%
47) 2-Hexanone-d5	10.922	63	29294	60.549	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.100%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	71992	27.080	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.320%
66) 1,2-Dichlorobenzene-d4	13.848	152	97641	23.526	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.120%
Target Compounds						Qvalue
16) Methylene chloride	4.917	84	14430	4.101	ug/L	92
27) 1,2-Dichloroethane	8.270	62	1415	0.440	ug/L #	69
34) Trichloroethene	8.837	95	7657	2.178	ug/L #	4
37) 1,2-Dichloropropane	9.270	63	8889	3.089	ug/L #	84
39) cis-1,3-Dichloropropene	10.032	75	2562	0.555	ug/L #	69
40) 4-Methyl-2-pentanone	10.215	43	942	0.867	ug/L #	89

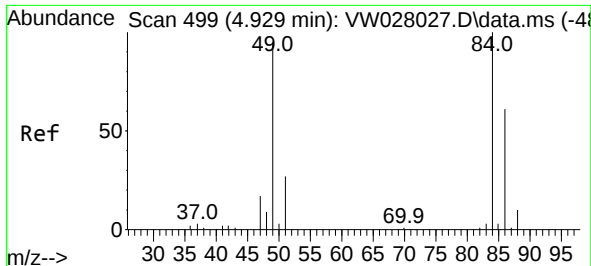
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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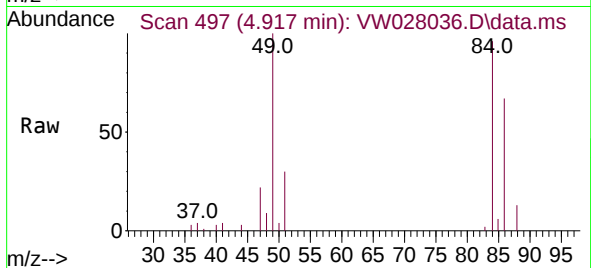
Quant Time: Feb 18 23:54:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
Quant Title : SFAM01.0
QLast Update : Sun Feb 18 23:52:23 2024
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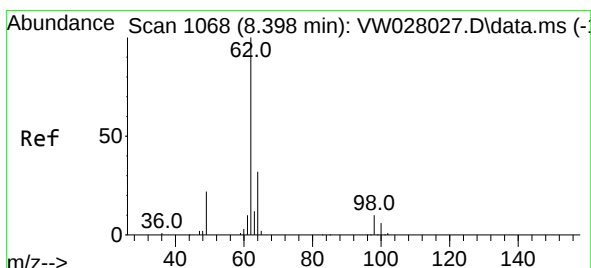
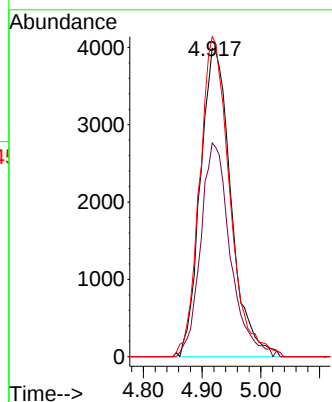
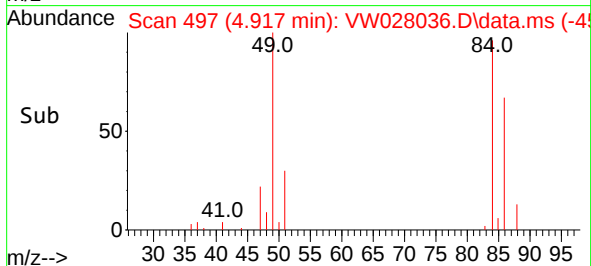


#16
Methylene chloride
Concen: 4.101 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.012 min
Lab File: VW028036.D
Acq: 16 Feb 2024 16:44

Instrument :
MSVOA_W
ClientSampleId :

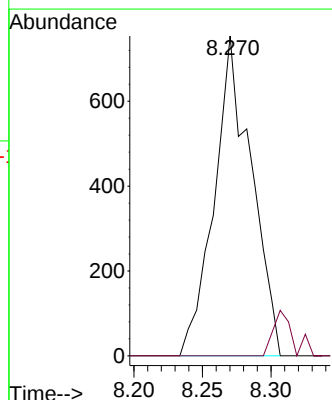
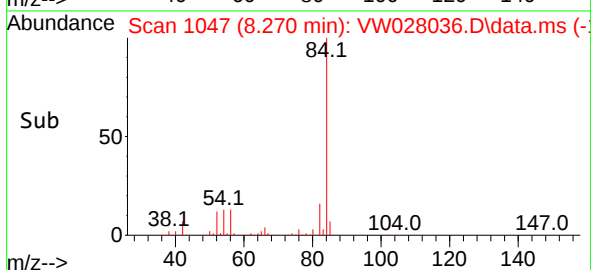
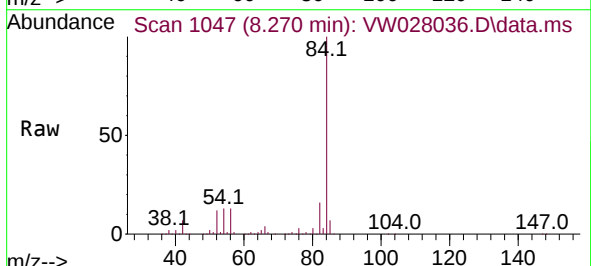


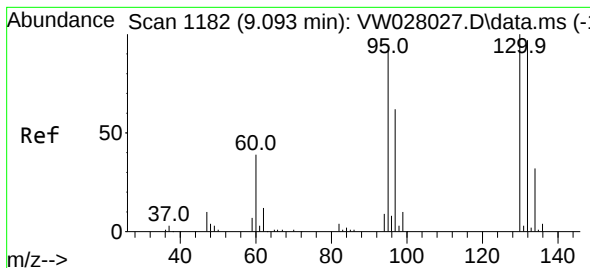
Tgt Ion: 84 Resp: 14430
Ion Ratio Lower Upper
84 100
86 69.3 45.4 84.4
49 103.8 66.3 123.1



#27
1,2-Dichloroethane
Concen: 0.440 ug/L
RT: 8.270 min Scan# 1047
Delta R.T. -0.128 min
Lab File: VW028036.D
Acq: 16 Feb 2024 16:44

Tgt Ion: 62 Resp: 1415
Ion Ratio Lower Upper
62 100
98 0.0 9.4 14.2#





#34

Trichloroethene

Concen: 2.178 ug/L

RT: 8.837 min Scan# 1114

Delta R.T. -0.256 min

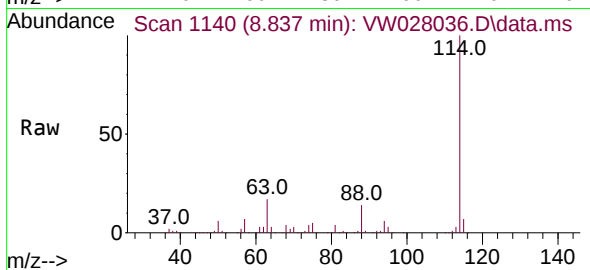
Lab File: VW028036.D

Acq: 16 Feb 2024 16:44

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 7657

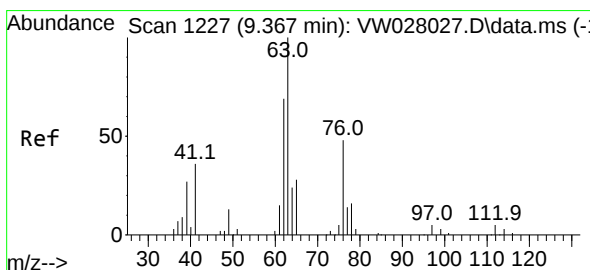
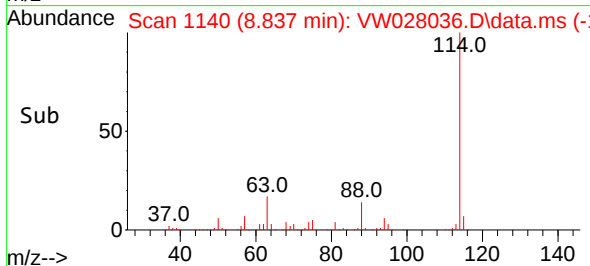
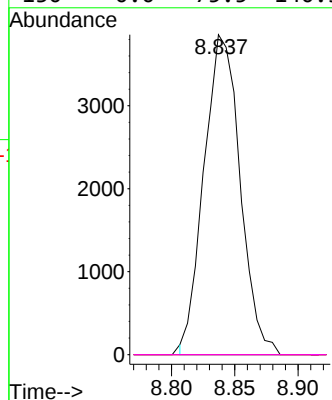
Ion Ratio Lower Upper

95 100

97 0.0 44.3 82.3#

132 0.0 68.0 126.2#

130 0.0 75.5 140.3#



#37

1,2-Dichloropropane

Concen: 3.089 ug/L

RT: 9.270 min Scan# 1211

Delta R.T. -0.098 min

Lab File: VW028036.D

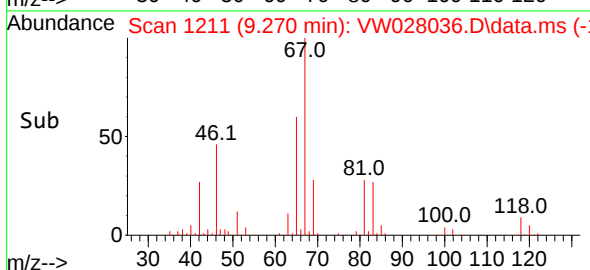
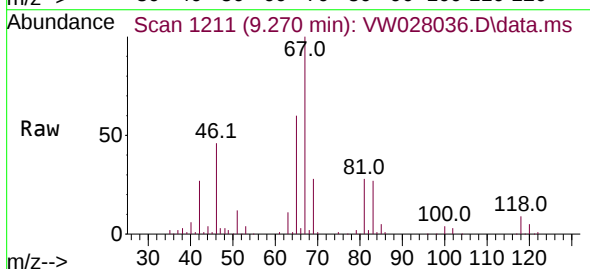
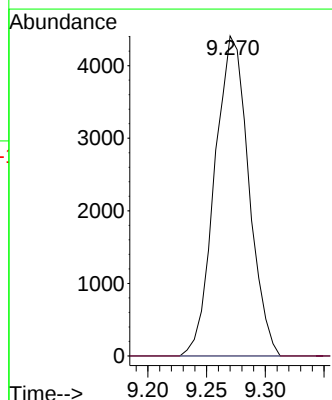
Acq: 16 Feb 2024 16:44

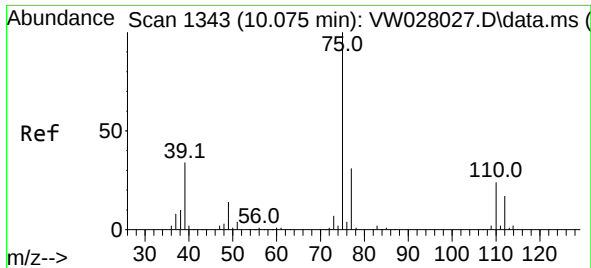
Tgt Ion: 63 Resp: 8889

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.2#





#39

cis-1,3-Dichloropropene

Concen: 0.555 ug/L

RT: 10.032 min Scan# 1336

Delta R.T. -0.043 min

Lab File: VW028036.D

Acq: 16 Feb 2024 16:44

Instrument :

MSVOA_W

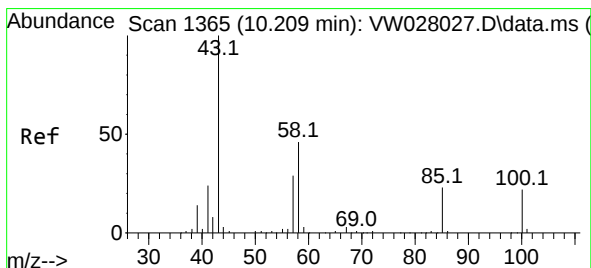
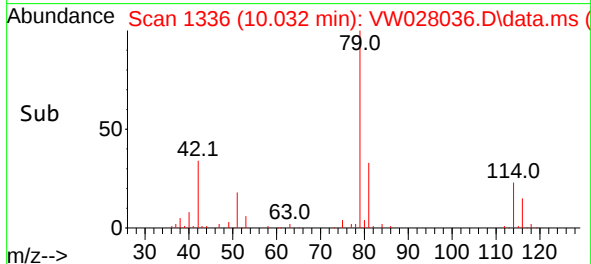
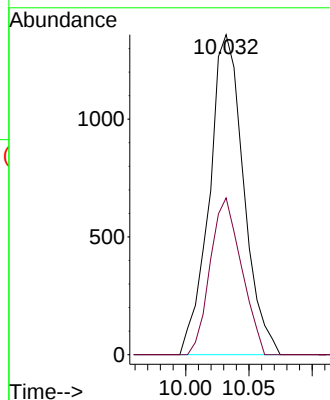
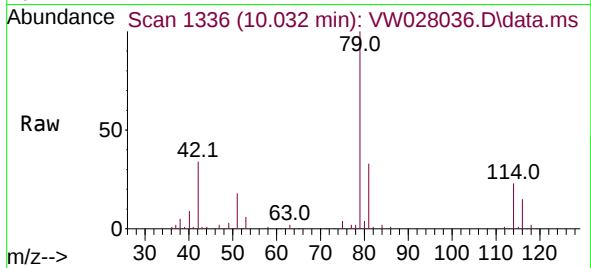
ClientSampleId :

Tgt Ion: 75 Resp: 2562

Ion Ratio Lower Upper

75 100

77 49.0 22.4 41.6#



#40

4-Methyl-2-pentanone

Concen: 0.867 ug/L

RT: 10.215 min Scan# 1366

Delta R.T. 0.006 min

Lab File: VW028036.D

Acq: 16 Feb 2024 16:44

Tgt Ion: 43 Resp: 942

Ion Ratio Lower Upper

43 100

58 41.4 36.7 55.1

100 13.7 18.4 27.6#

