

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122121\
 Data File : VW021527.D
 Acq On : 21 Dec 2021 15:49
 Operator : SY/VA
 Sample : M5102-04
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 22 01:21:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 22 01:15:19 2021
 Response via : Initial Calibration

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

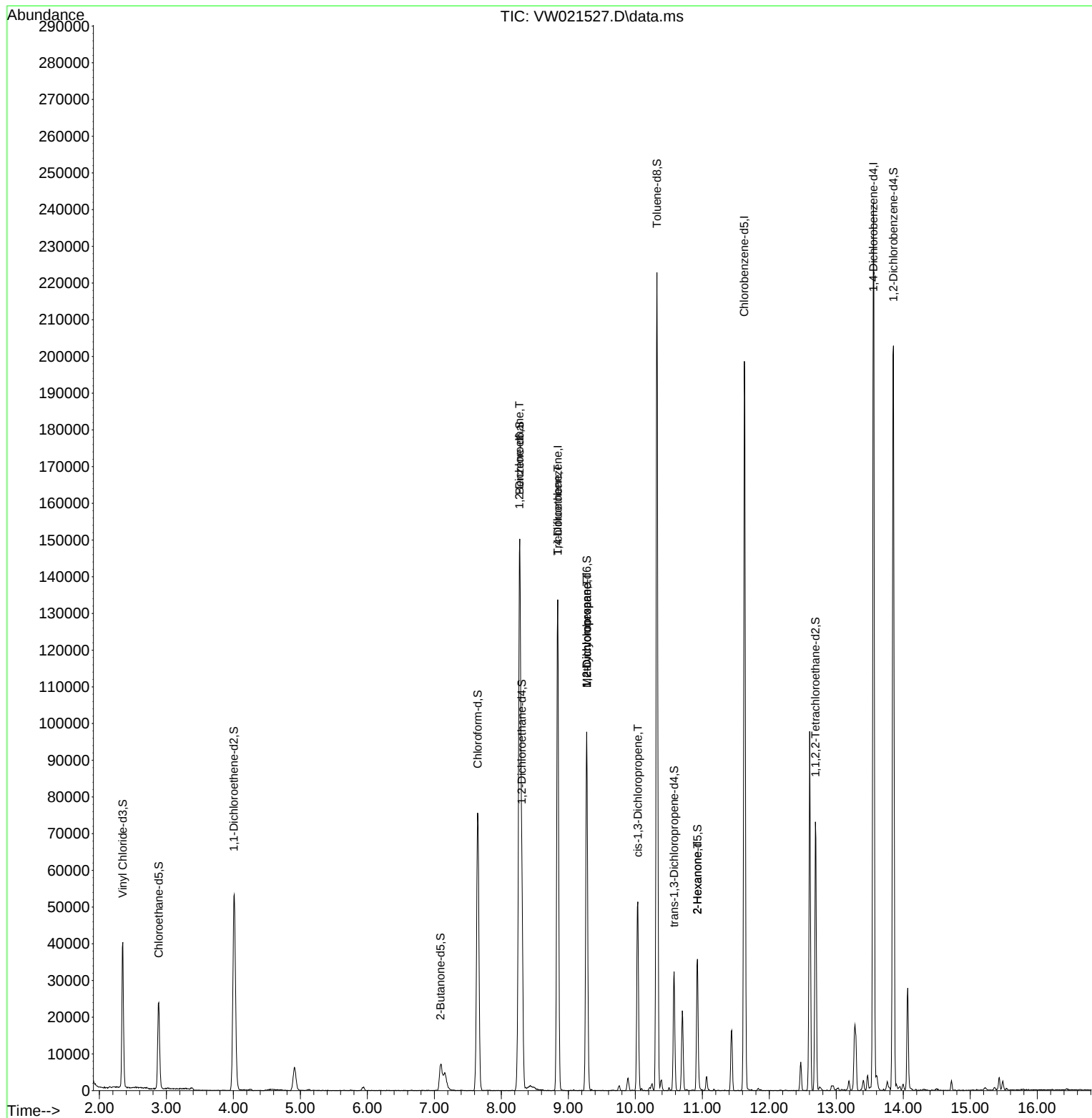
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	113690	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	113523	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	64046	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	39477	19.066	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	76.280%		
7) Chloroethane-d5	2.885	69	27195	19.867	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	79.480%		
11) 1,1-Dichloroethene-d2	4.007	63	51032	18.487	ug/L	-0.01
Spiked Amount 25.000	Range 45 - 110		Recovery =	73.960%		
21) 2-Butanone-d5	7.092	46	15342	52.564	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery =	105.120%		
24) Chloroform-d	7.647	84	77338	24.410	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	97.640%		
26) 1,2-Dichloroethane-d4	8.305	65	42755	25.369	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	101.480%		
32) Benzene-d6	8.275	84	148902	23.929	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	95.720%		
36) 1,2-Dichloropropane-d6	9.274	67	41051	24.599	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	98.400%		
41) Toluene-d8	10.323	98	145403	22.870	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	91.480%		
43) trans-1,3-Dichloroprop...	10.579	79	17096	22.249	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	89.000%		
47) 2-Hexanone-d5	10.927	63	12411	50.293	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	100.580%		
56) 1,1,2,2-Tetrachloroeth...	12.688	84	32894	22.929	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	91.720%		
66) 1,2-Dichlorobenzene-d4	13.853	152	57778	23.278	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	93.120%		
Target Compounds						
					Qvalue	
27) 1,2-Dichloroethane	8.269	62	1105	0.628	ug/L #	77
34) Trichloroethene	8.842	95	3464	1.995	ug/L #	5
35) Methylcyclohexane	9.274	83	10818	3.778	ug/L #	14
37) 1,2-Dichloropropane	9.274	63	5433	3.939	ug/L #	88
39) cis-1,3-Dichloropropene	10.037	75	1586	0.729	ug/L	88
48) 2-Hexanone	10.927	43	1511	2.772	ug/L #	69

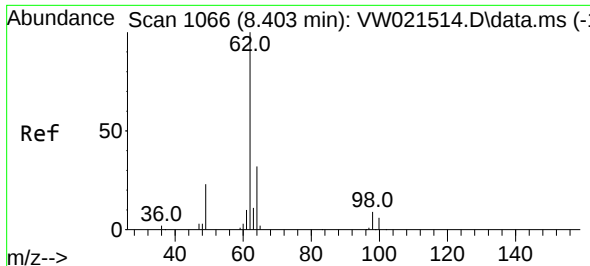
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_W
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Quant Time: Dec 22 01:21:41 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Dec 22 01:15:19 2021
Response via : Initial Calibration





#27

1,2-Dichloroethane

Concen: 0.628 ug/L

RT: 8.269 min Scan# 1105

Delta R.T. -0.134 min

Lab File: VW021527.D

Acq: 21 Dec 2021 15:49

Instrument :

MSVOA_W

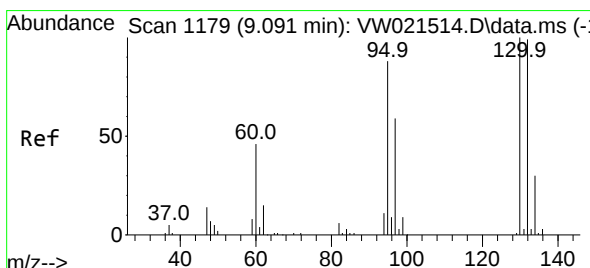
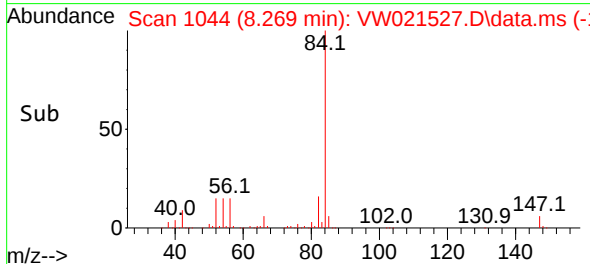
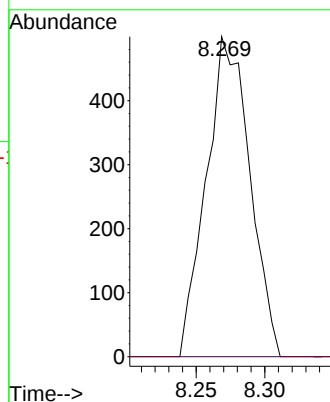
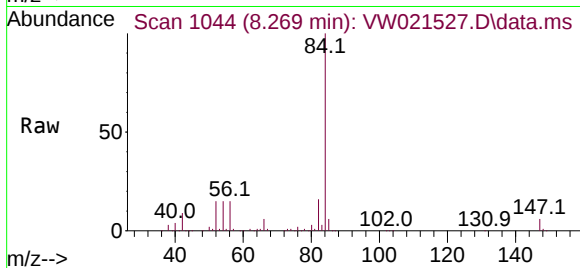
ClientSampleId :

Tgt Ion: 62 Resp: 1105

Ion Ratio Lower Upper

62 100

98 0.0 6.5 9.7#



#34

Trichloroethene

Concen: 1.995 ug/L

RT: 8.842 min Scan# 1138

Delta R.T. -0.250 min

Lab File: VW021527.D

Acq: 21 Dec 2021 15:49

Tgt Ion: 95 Resp: 3464

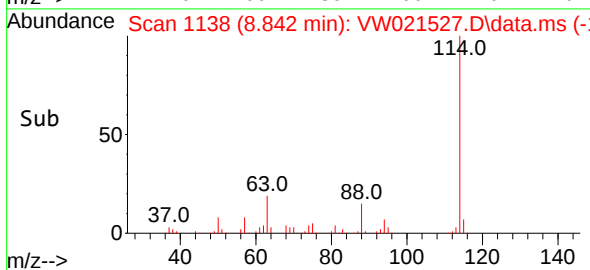
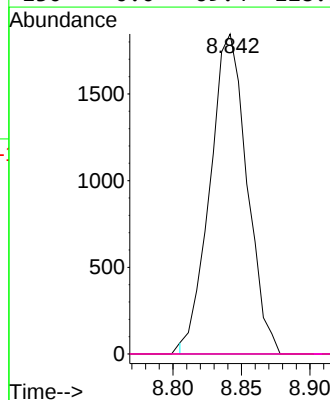
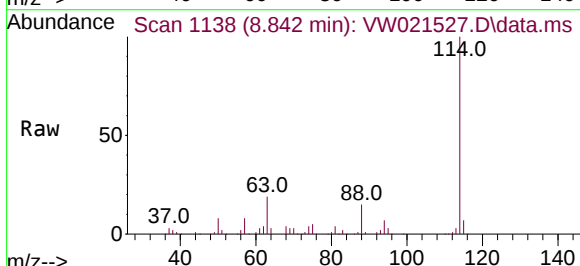
Ion Ratio Lower Upper

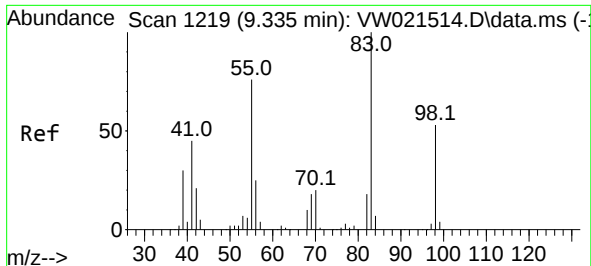
95 100

97 0.0 47.0 87.2#

132 0.0 65.5 121.6#

130 0.0 69.4 128.8#





#35

Methylcyclohexane

Concen: 3.778 ug/L

RT: 9.274 min Scan# 11

Delta R.T. -0.061 min

Lab File: VW021527.D

Acq: 21 Dec 2021 15:49

Instrument :

MSVOA_W

ClientSampleId :

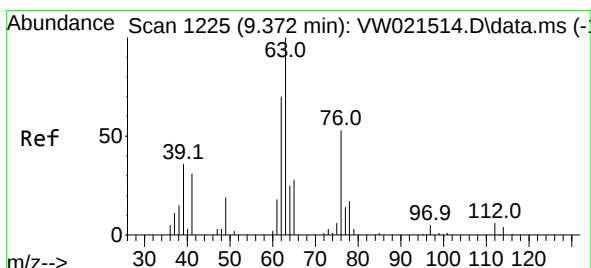
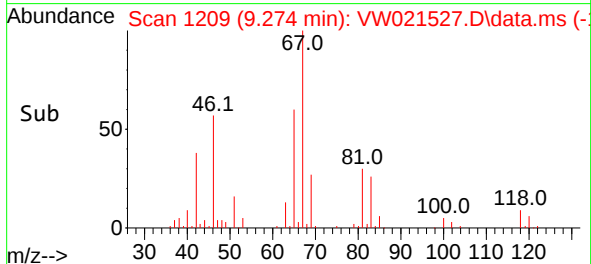
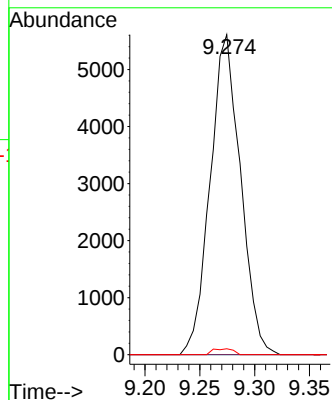
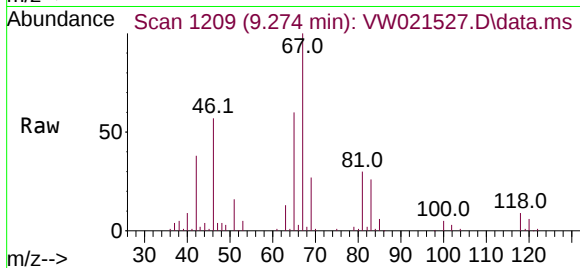
Tgt Ion: 83 Resp: 10818

Ion Ratio Lower Upper

83 100

55 0.0 70.8 106.2#

98 0.6 37.7 56.5#



#37

1,2-Dichloropropane

Concen: 3.939 ug/L

RT: 9.274 min Scan# 1209

Delta R.T. -0.097 min

Lab File: VW021527.D

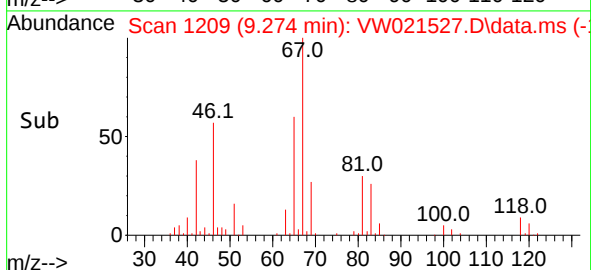
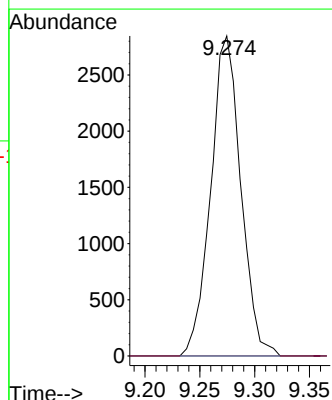
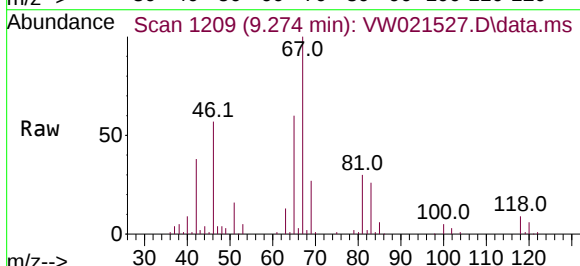
Acq: 21 Dec 2021 15:49

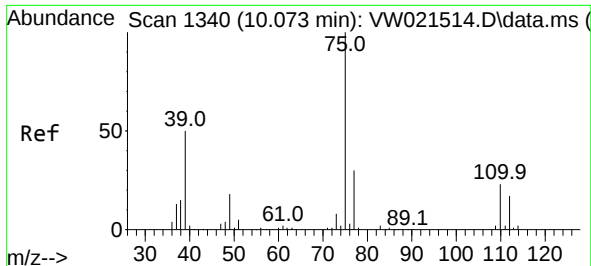
Tgt Ion: 63 Resp: 5433

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.729 ug/L

RT: 10.037 min Scan# 11

Delta R.T. -0.037 min

Lab File: VW021527.D

Acq: 21 Dec 2021 15:49

Instrument :

MSVOA_W

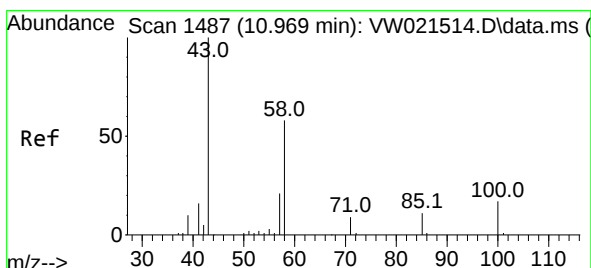
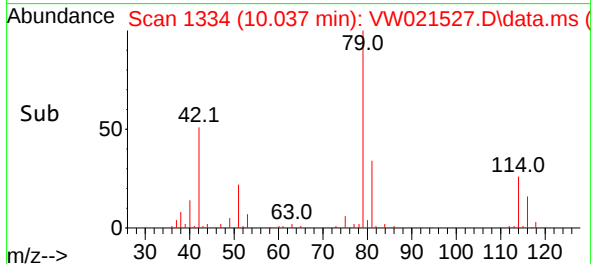
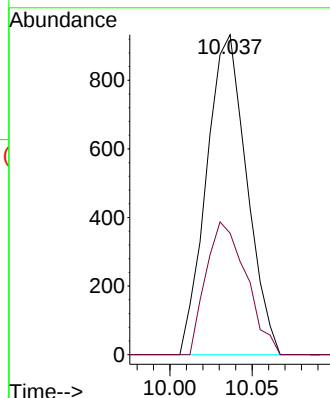
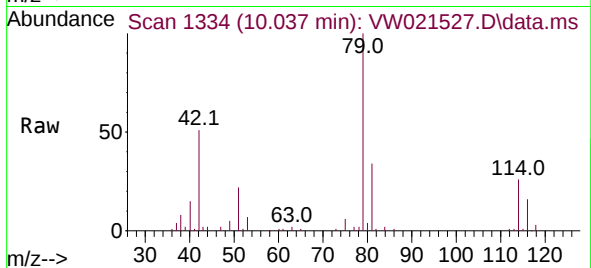
ClientSampleId :

Tgt Ion: 75 Resp: 1586

Ion Ratio Lower Upper

75 100

77 37.9 21.8 40.6



#48

2-Hexanone

Concen: 2.772 ug/L

RT: 10.927 min Scan# 1480

Delta R.T. -0.043 min

Lab File: VW021527.D

Acq: 21 Dec 2021 15:49

Tgt Ion: 43 Resp: 1511

Ion Ratio Lower Upper

43 100

58 25.9 40.2 60.2#

57 27.2 14.3 21.5#

100 0.0 8.0 12.0#

