

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW010322\
 Data File : VW021715.D
 Acq On : 03 Jan 2022 12:18
 Operator : SY/VA
 Sample : M5213-16
 Misc : 5.05g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VHBLK001

Quant Time: Jan 04 00:23:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM122821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jan 04 00:22:49 2022
 Response via : Initial Calibration

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

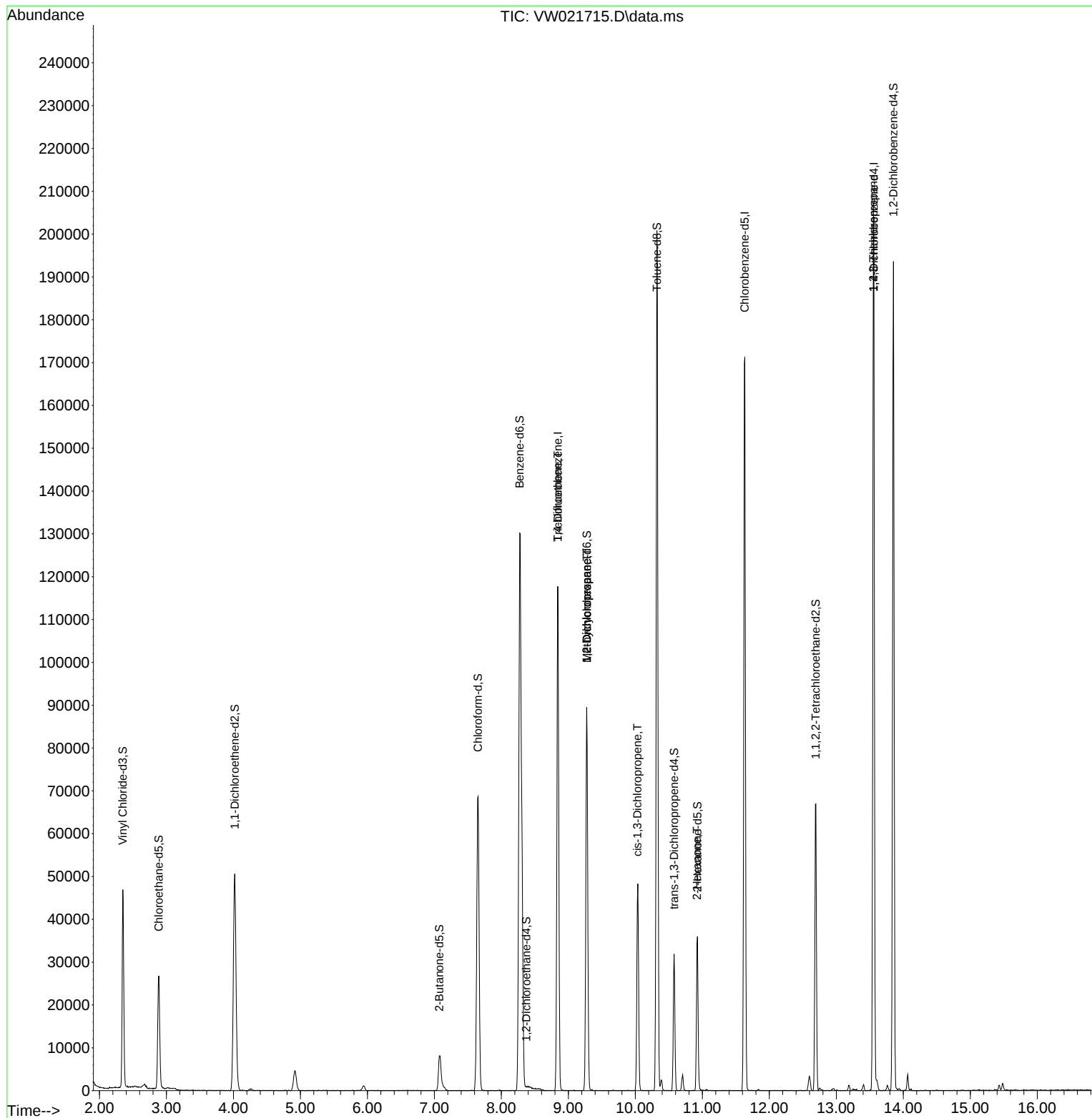
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	99455	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	99831	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	58518	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	43872	22.373	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.480%
7) Chloroethane-d5	2.885	69	30519	23.108	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.440%
11) 1,1-Dichloroethene-d2	4.019	63	46979	16.371	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	65.480%
21) 2-Butanone-d5	7.073	46	14338	49.978	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.960%
24) Chloroform-d	7.653	84	69919	22.506	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.040%
26) 1,2-Dichloroethane-d4	8.372	65	50	0.030	ug/L	0.07
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.120%#
32) Benzene-d6	8.274	84	132758	22.396	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.600%
36) 1,2-Dichloropropane-d6	9.274	67	36731	22.842	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.360%
41) Toluene-d8	10.323	98	132038	22.356	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.440%
43) trans-1,3-Dichloroprop...	10.579	79	16392	20.949	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.800%
47) 2-Hexanone-d5	10.926	63	11691	47.938	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.880%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	30821	23.248	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.000%
66) 1,2-Dichlorobenzene-d4	13.853	152	49118	21.950	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.800%
Target Compounds						
34) Trichloroethene	8.841	95	2834	1.639	ug/L	# 5
35) Methylcyclohexane	9.274	83	10041	3.520	ug/L	# 14
37) 1,2-Dichloropropane	9.274	63	4796	3.553	ug/L	# 88
39) cis-1,3-Dichloropropene	10.030	75	1449	0.657	ug/L	# 68
48) 2-Hexanone	10.920	43	1413	2.798	ug/L	# 71
61) 1,2,3-Trichloropropane	13.554	75	6339	7.079	ug/L	# 68

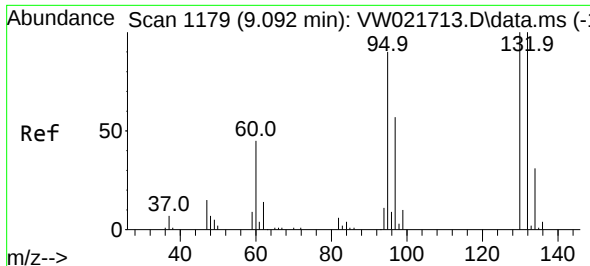
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Tue Jan 04 00:22:49 2022
Response via : Initial Calibration





#34

Trichloroethene

Concen: 1.639 ug/L

RT: 8.841 min Scan# 1179

Delta R.T. -0.250 min

Lab File: VW021715.D

Acq: 03 Jan 2022 12:18

Instrument :

MSVOA_W

ClientSampleId :

VHBLK001

Tgt Ion: 95 Resp: 2834

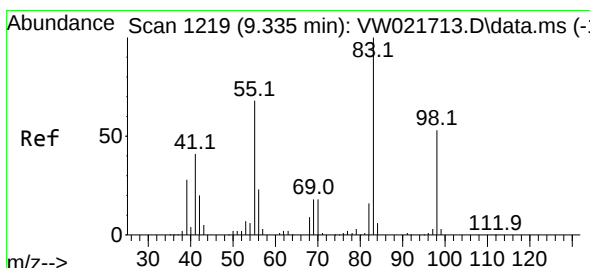
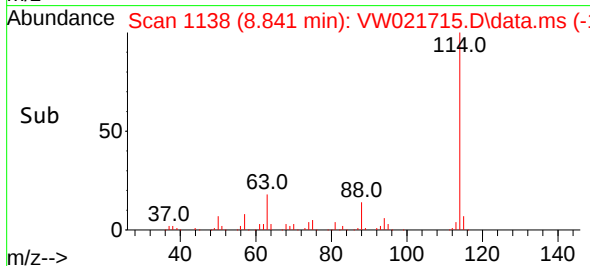
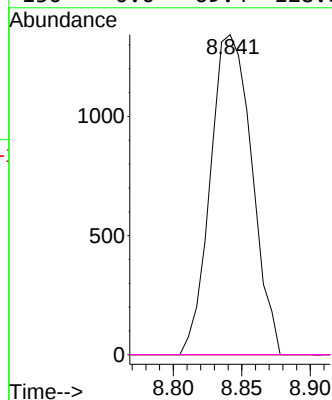
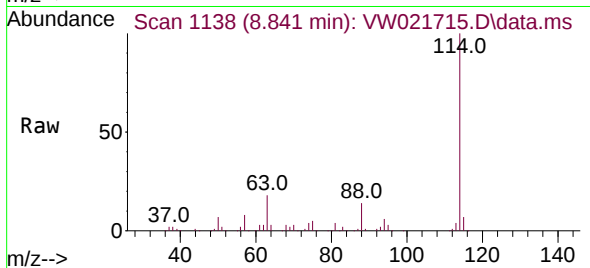
Ion Ratio Lower Upper

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: 3.520 ug/L

RT: 9.274 min Scan# 1209

Delta R.T. -0.061 min

Lab File: VW021715.D

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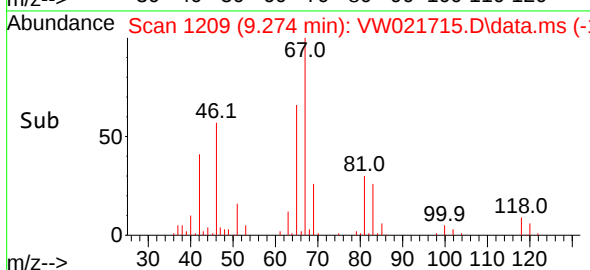
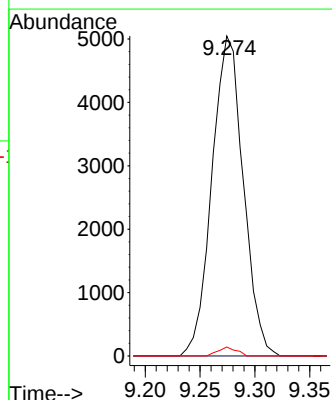
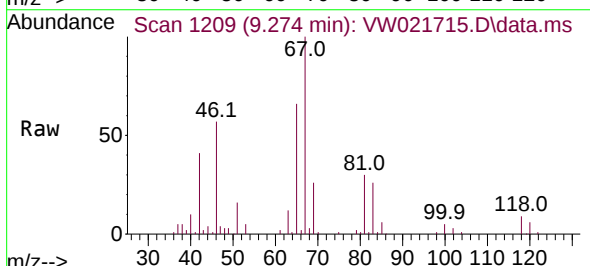
Tgt Ion: 83 Resp: 10041

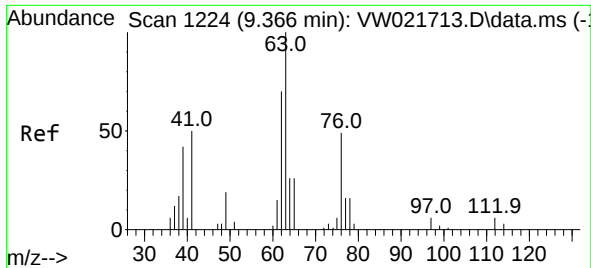
Ion Ratio Lower Upper

83 100

55 0.0 70.8 106.2#

98 1.6 37.7 56.5#

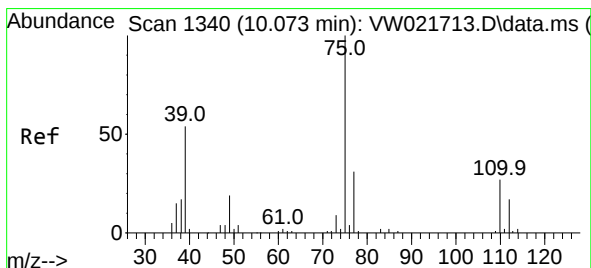
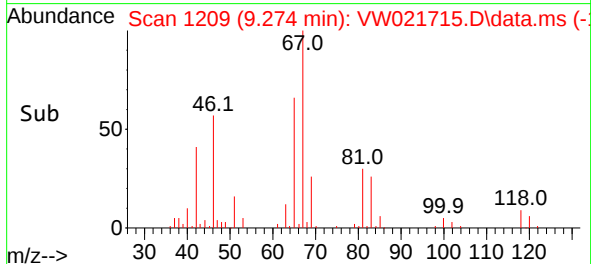
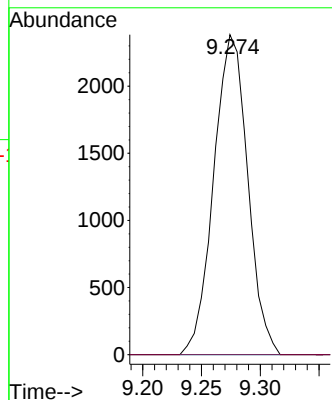
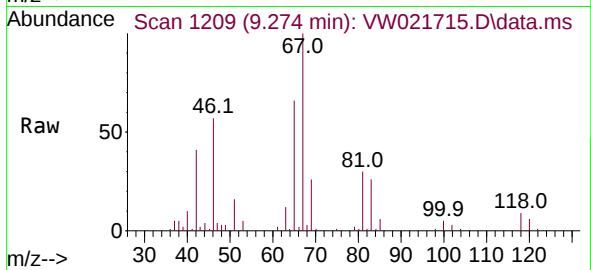




#37
1,2-Dichloropropane
Concen: 3.553 ug/L
RT: 9.274 min Scan# 111
Delta R.T. -0.092 min
Lab File: VW021715.D
Acq: 03 Jan 2022 12:18

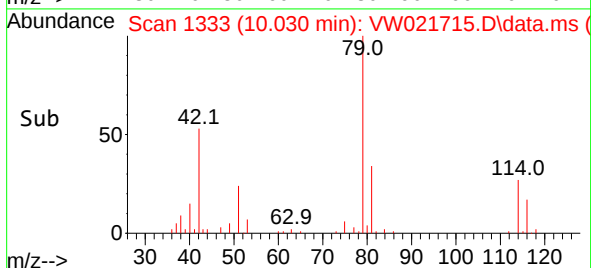
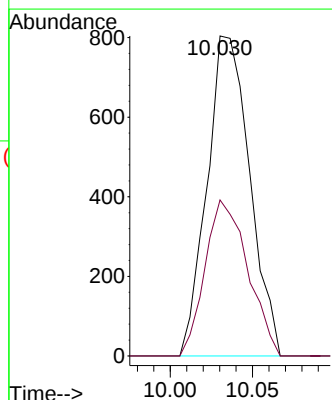
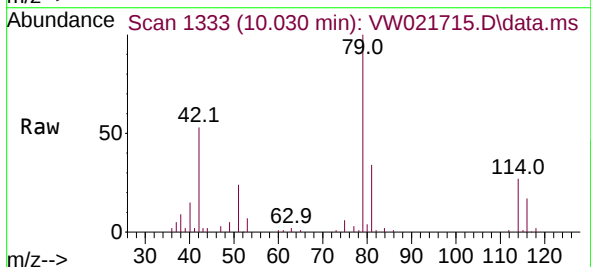
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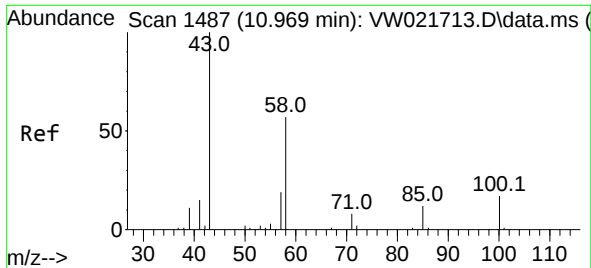
Tgt Ion: 63 Resp: 4796
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



#39
cis-1,3-Dichloropropene
Concen: 0.657 ug/L
RT: 10.030 min Scan# 1333
Delta R.T. -0.043 min
Lab File: VW021715.D
Acq: 03 Jan 2022 12:18

Tgt Ion: 75 Resp: 1449
Ion Ratio Lower Upper
75 100
77 48.8 21.8 40.6#

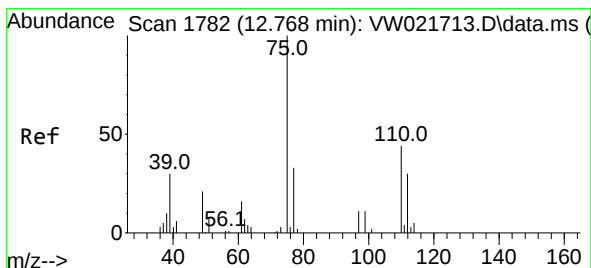
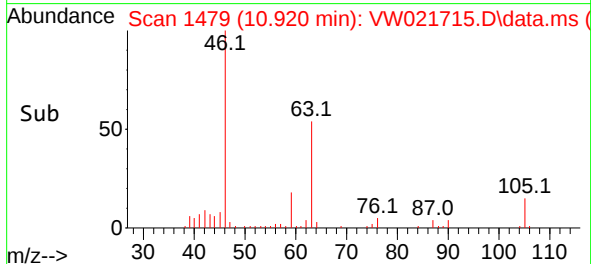
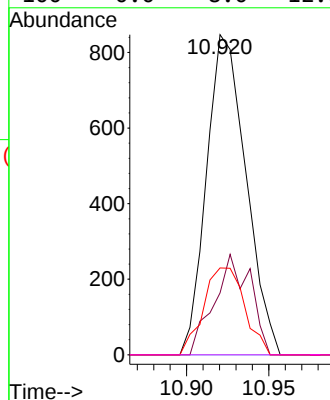
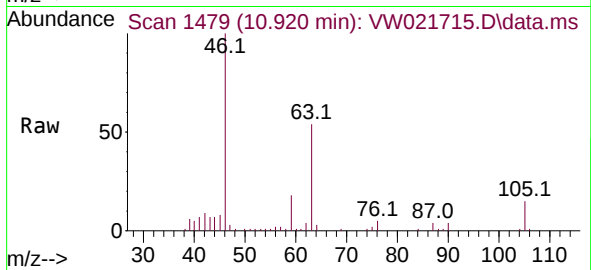




#48
2-Hexanone
Concen: 2.798 ug/L
RT: 10.920 min Scan# 1487
Delta R.T. -0.049 min
Lab File: VW021715.D
Acq: 03 Jan 2022 12:18

Instrument :
MSVOA_W
ClientSampleId :
VHBLK001

Tgt Ion: 43	Resp: 1413
Ion Ratio	Lower Upper
43 100	
58 28.7	40.2 60.2#
57 28.2	14.3 21.5#
100 0.0	8.0 12.0#



#61
1,2,3-Trichloropropane
Concen: 7.079 ug/L
RT: 13.554 min Scan# 1911
Delta R.T. 0.786 min
Lab File: VW021715.D
Acq: 03 Jan 2022 12:18

Tgt Ion: 75	Resp: 6339
Ion Ratio	Lower Upper
75 100	
77 35.8	25.8 38.8
110 3.3	29.0 43.4#

