

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071522\
 Data File : VW023800.D
 Acq On : 16 Jul 2022 19:59
 Operator : SY/VA
 Sample : N3702-14
 Misc : 5.64g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F5C68

Quant Time: Jul 18 02:08:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Jul 18 02:05:50 2022
 Response via : Initial Calibration

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

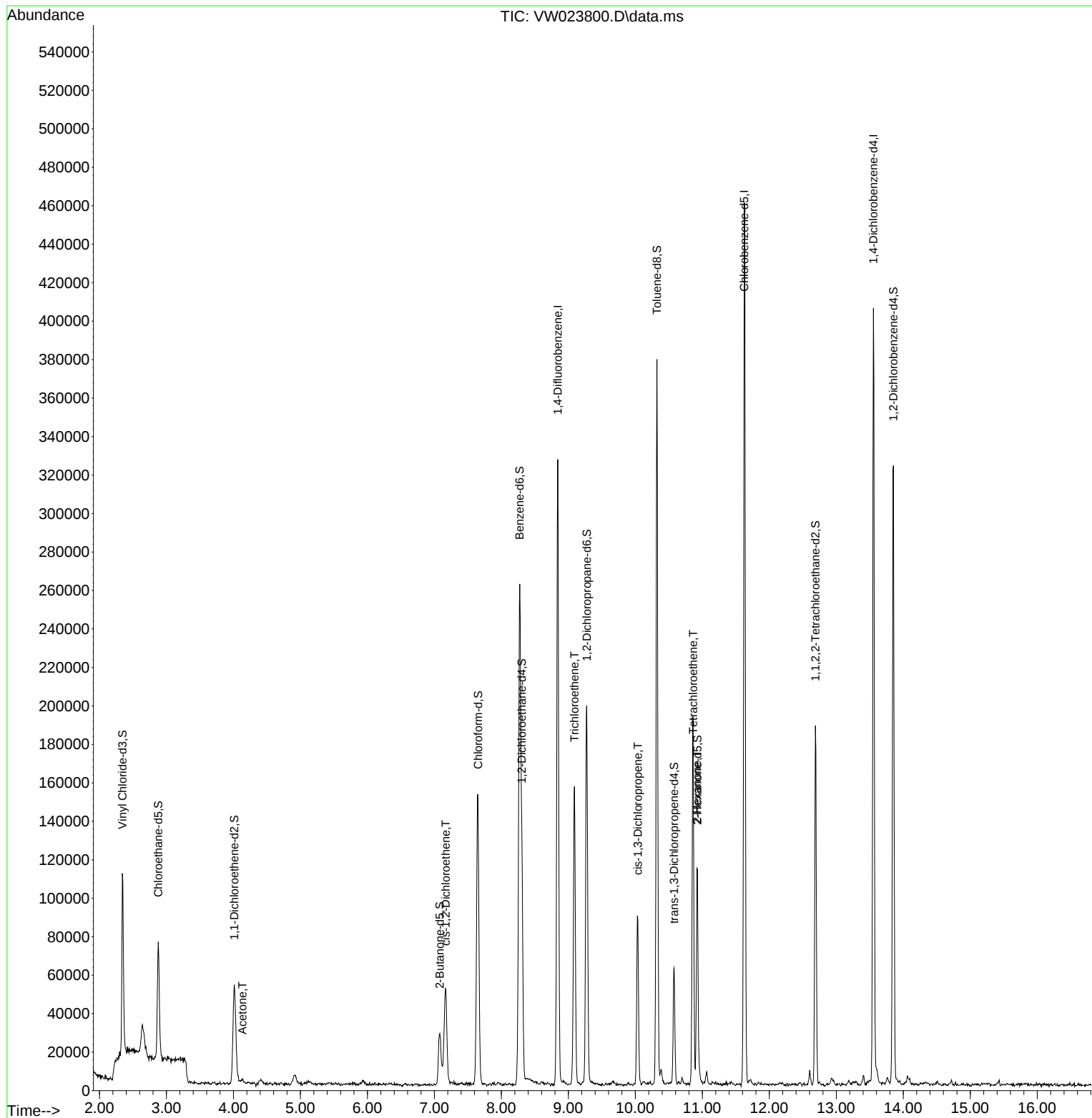
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	247650	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	231846	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	96328	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	92199	14.576	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.320%
7) Chloroethane-d5	2.879	69	71381	16.916	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.680%
11) 1,1-Dichloroethene-d2	4.013	63	48770	9.469	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	37.880%#
21) 2-Butanone-d5	7.080	46	45649	46.528	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.060%
24) Chloroform-d	7.653	84	141910	19.682	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.720%
26) 1,2-Dichloroethane-d4	8.305	65	86431	19.600	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.400%
32) Benzene-d6	8.274	84	247885	20.568	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.280%
36) 1,2-Dichloropropane-d6	9.274	67	83570	23.020	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.080%
41) Toluene-d8	10.323	98	228642	18.703	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.800%
43) trans-1,3-Dichloroprop...	10.579	79	31519	18.522	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.080%
47) 2-Hexanone-d5	10.926	63	34577	45.295	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.580%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	85152	21.225	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.880%
66) 1,2-Dichlorobenzene-d4	13.853	152	73961	21.508	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.040%
Target Compounds						
					Qvalue	
13) Acetone	4.135	43	3000	4.325	ug/L	62
20) cis-1,2-Dichloroethene	7.171	96	25917	7.345	ug/L #	93
34) Trichloroethene	9.091	95	46305	13.309	ug/L	99
39) cis-1,3-Dichloropropene	10.036	75	3224	0.648	ug/L	95
46) Tetrachloroethene	10.866	164	35247	13.102	ug/L	88
48) 2-Hexanone	10.920	43	5425	3.242	ug/L #	68

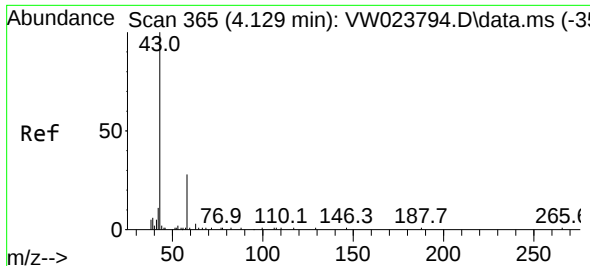
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Mon Jul 18 02:05:50 2022
Response via : Initial Calibration

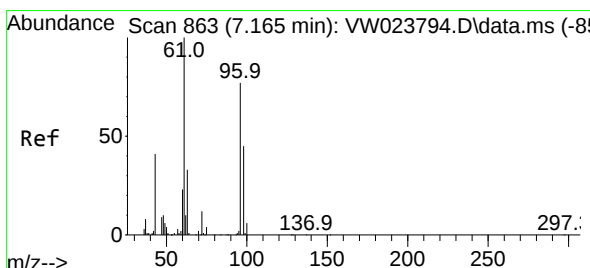
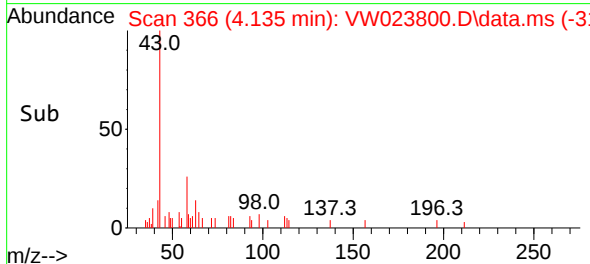
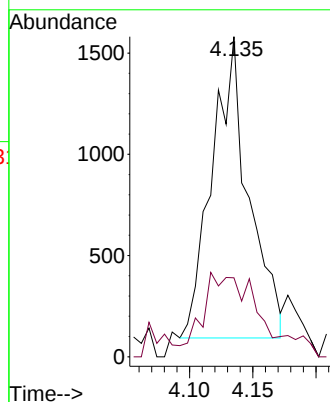
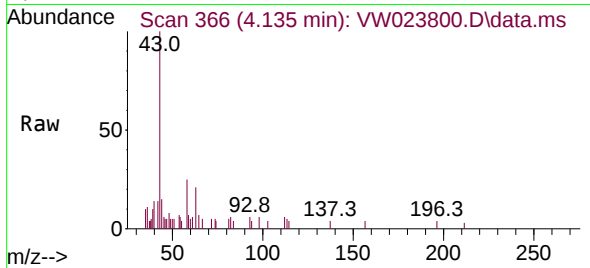




#13
Acetone
Concen: 4.325 ug/L
RT: 4.135 min Scan# 366
Delta R.T. 0.006 min
Lab File: VW023800.D
Acq: 16 Jul 2022 19:59

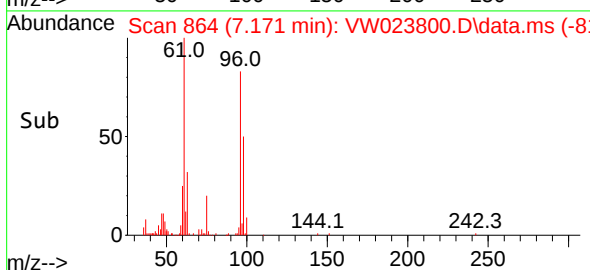
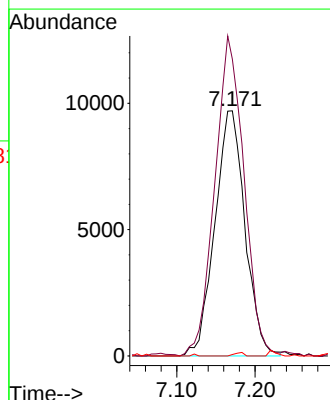
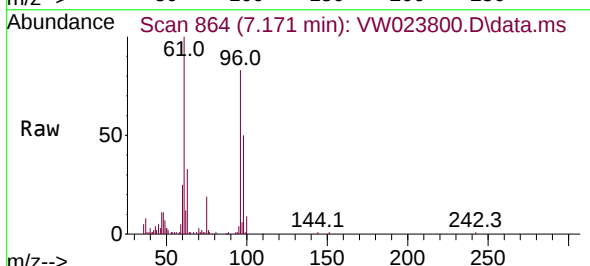
Instrument :
MSVOA_W
ClientSampleId :
F5C68

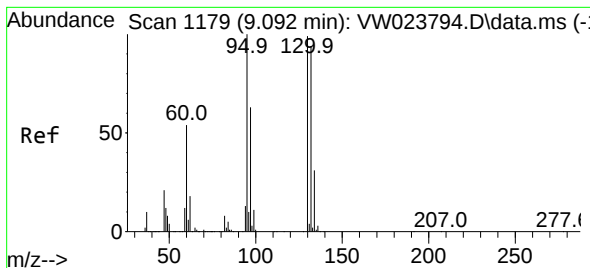
Tgt Ion: 43 Resp: 3000
Ion Ratio Lower Upper
43 100
58 10.9 0.0 64.2



#20
cis-1,2-Dichloroethene
Concen: 7.345 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW023800.D
Acq: 16 Jul 2022 19:59

Tgt Ion: 96 Resp: 25917
Ion Ratio Lower Upper
96 100
61 121.1 90.6 168.2
68 0.6 0.2 0.4





#34

Trichloroethene

Concen: 13.309 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW023800.D

Acq: 16 Jul 2022 19:59

Instrument :

MSVOA_W

ClientSampleId :

F5C68

Tgt Ion: 95 Resp: 46305

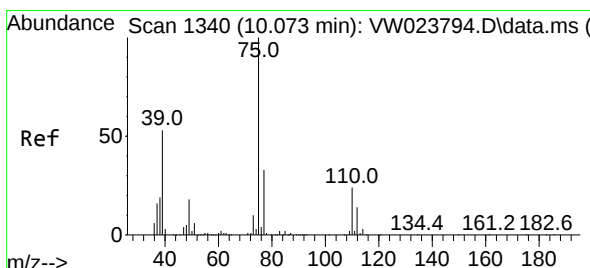
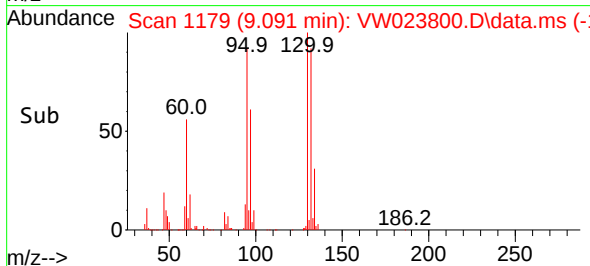
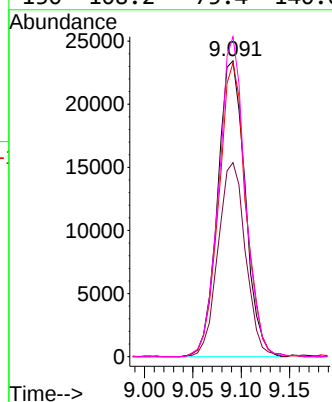
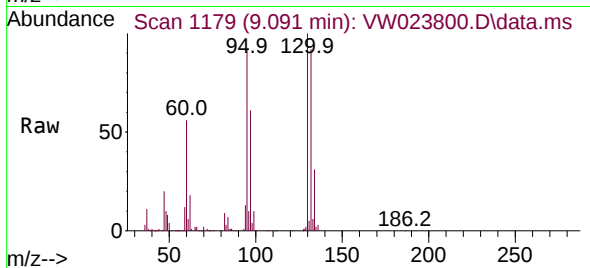
Ion Ratio Lower Upper

95 100

97 65.6 45.6 84.8

132 99.2 69.9 129.7

130 108.2 75.4 140.0



#39

cis-1,3-Dichloropropene

Concen: 0.648 ug/L

RT: 10.036 min Scan# 1334

Delta R.T. -0.037 min

Lab File: VW023800.D

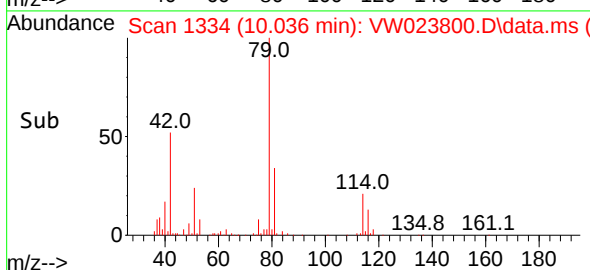
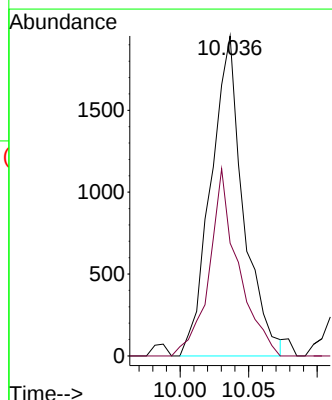
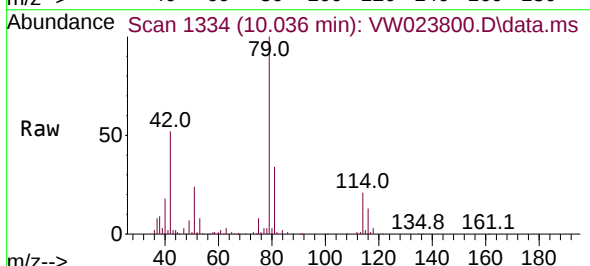
Acq: 16 Jul 2022 19:59

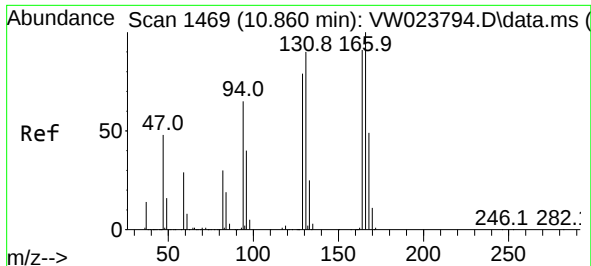
Tgt Ion: 75 Resp: 3224

Ion Ratio Lower Upper

75 100

77 35.3 22.5 41.9

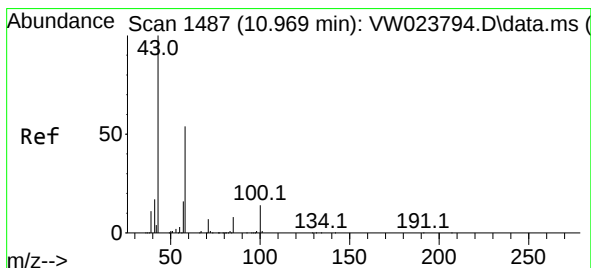
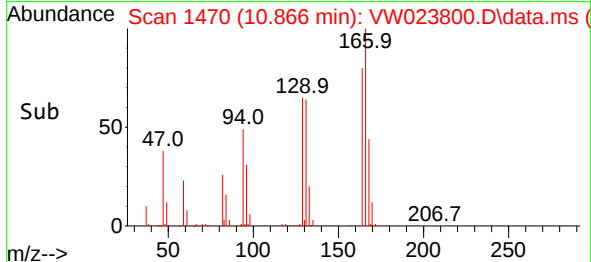
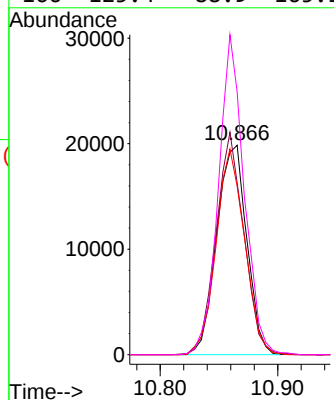
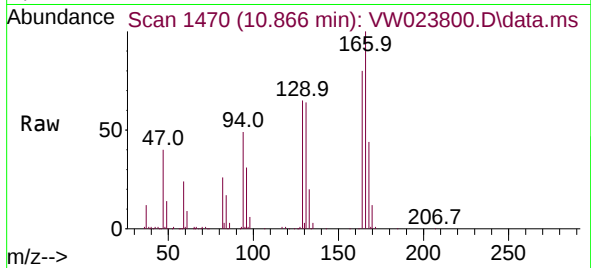




#46
Tetrachloroethene
Concen: 13.102 ug/L
RT: 10.866 min Scan# 1469
Delta R.T. 0.006 min
Lab File: VW023800.D
Acq: 16 Jul 2022 19:59

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MSVOA_W
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Tgt Ion:	164	Resp:	35247
Ion	Ratio	Lower	Upper
164	100		
129	82.0	72.4	134.5
131	80.4	67.8	125.8
166	125.4	88.9	165.1



#48
2-Hexanone
Concen: 3.242 ug/L
RT: 10.920 min Scan# 1479
Delta R.T. -0.049 min
Lab File: VW023800.D
Acq: 16 Jul 2022 19:59

Tgt Ion:	43	Resp:	5425
Ion	Ratio	Lower	Upper
43	100		
58	29.5	41.6	62.4#
57	36.6	14.6	21.8#
100	6.1	10.6	15.8#

