

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042823\
 Data File : VD075880.D
 Acq On : 28 Apr 2023 11:27
 Operator : KP/SY
 Sample : 02447-12
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VHBLK001

Quant Time: Apr 29 02:57:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Apr 29 02:40:46 2023
 Response via : Initial Calibration

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

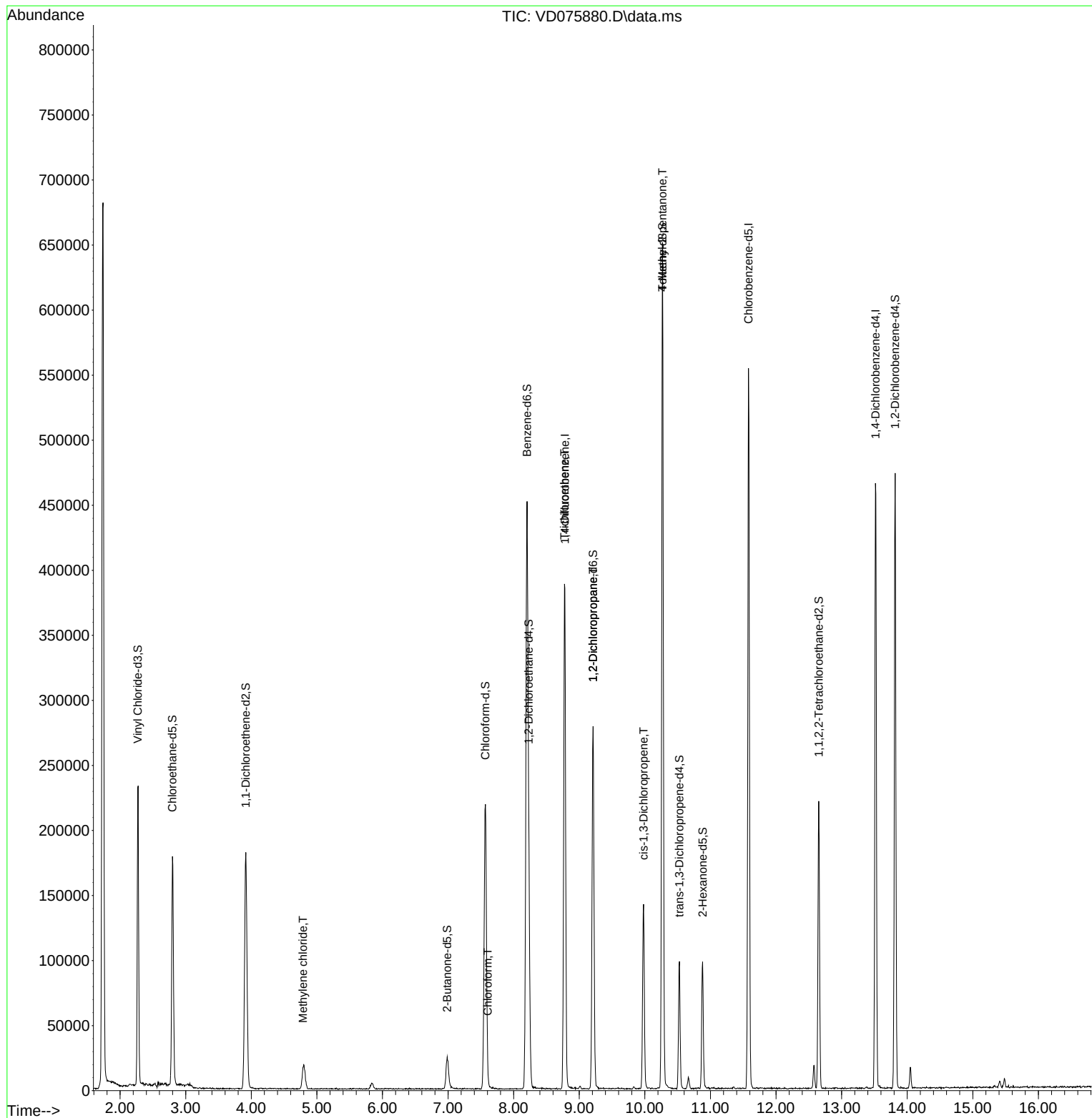
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	384837	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	357205	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	143579	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	222834	26.395	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	105.560%
7) Chloroethane-d5	2.799	69	194964	26.728	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.920%
11) 1,1-Dichloroethene-d2	3.916	65	48951	25.150	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	100.600%
21) 2-Butanone-d5	6.987	46	41114	56.098	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.200%
24) Chloroform-d	7.569	84	238159	24.748	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.000%
26) 1,2-Dichloroethane-d4	8.228	65	109261	26.586	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.360%
32) Benzene-d6	8.204	84	518279	24.894	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.560%
36) 1,2-Dichloropropane-d6	9.210	67	148656	25.797	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.200%
41) Toluene-d8	10.269	98	471109	24.170	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.680%
43) trans-1,3-Dichloroprop...	10.528	79	58075	24.382	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.520%
47) 2-Hexanone-d5	10.881	63	36159	52.113	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.220%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	115917	26.287	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.160%
66) 1,2-Dichlorobenzene-d4	13.816	152	138605	27.292	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	109.160%
Target Compounds						Qvalue
16) Methylene chloride	4.787	84	9048	1.159	ug/L	95
25) Chloroform	7.604	83	3854	0.414	ug/L	97
34) Trichloroethene	8.775	95	9812	1.756	ug/L #	2
37) 1,2-Dichloropropane	9.210	63	14251	2.871	ug/L #	85
39) cis-1,3-Dichloropropene	9.981	75	3950	0.500	ug/L #	67
40) 4-Methyl-2-pentanone	10.269	43	1621	0.896	ug/L #	1

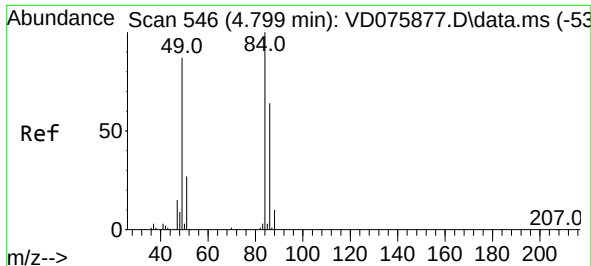
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Sat Apr 29 02:40:46 2023
Response via : Initial Calibration

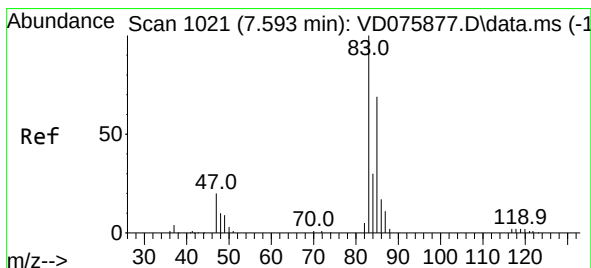
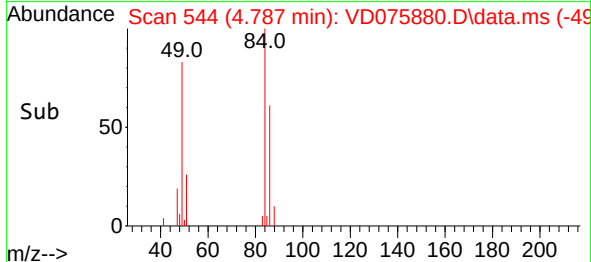
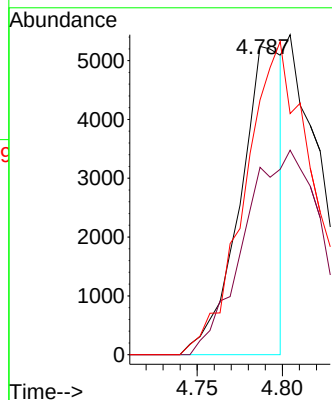
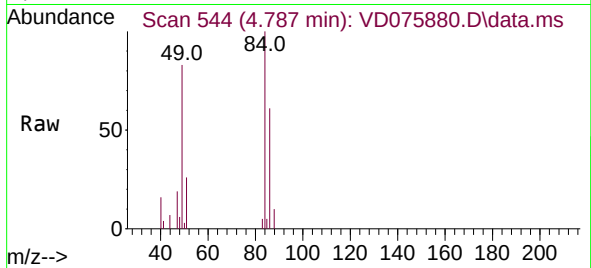




#16
Methylene chloride
Concen: 1.159 ug/L
RT: 4.787 min Scan# 546
Delta R.T. -0.012 min
Lab File: VD075880.D
Acq: 28 Apr 2023 11:27

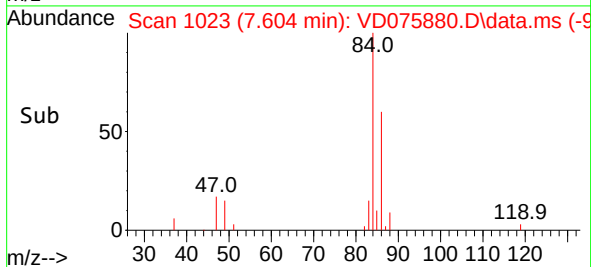
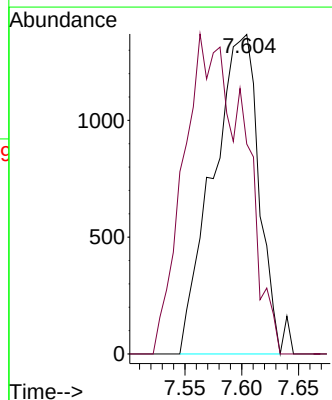
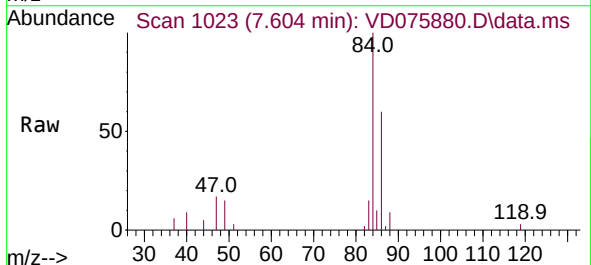
Instrument :
MSVOA_D
ClientSampleId :
VHBLK001

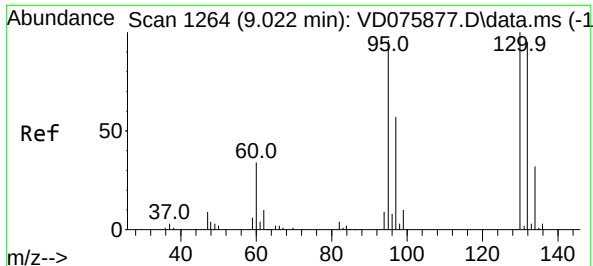
Tgt Ion: 84 Resp: 9048
Ion Ratio Lower Upper
84 100
86 60.7 45.8 85.2
49 82.6 60.8 112.8



#25
Chloroform
Concen: 0.414 ug/L
RT: 7.604 min Scan# 1023
Delta R.T. 0.012 min
Lab File: VD075880.D
Acq: 28 Apr 2023 11:27

Tgt Ion: 83 Resp: 3854
Ion Ratio Lower Upper
83 100
85 65.7 44.4 82.5



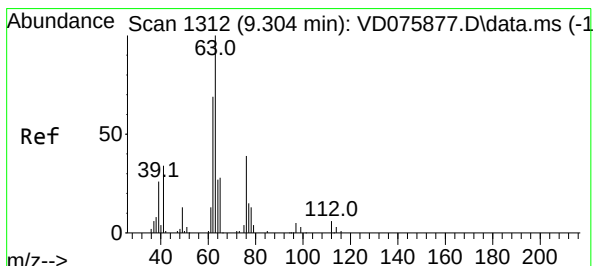
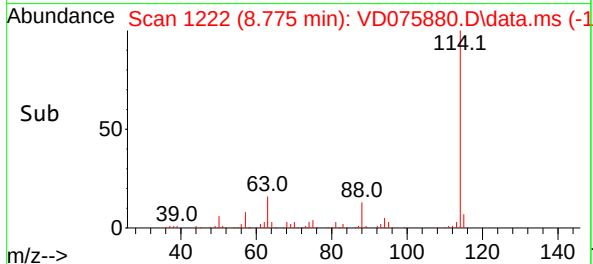
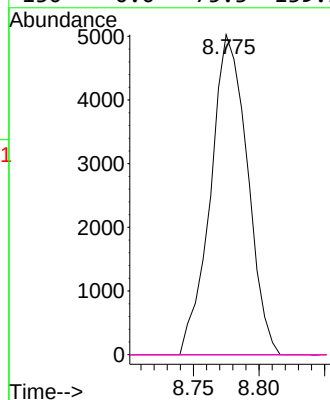
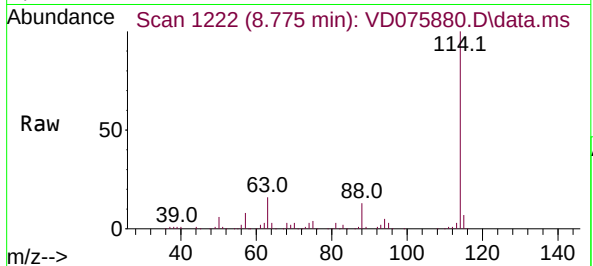


#34
 Trichloroethene
 Concen: 1.756 ug/L
 RT: 8.775 min Scan# 1296
 Delta R.T. -0.247 min
 Lab File: VD075880.D
 Acq: 28 Apr 2023 11:27

Instrument :
 MSVOA_D
 ClientSampleId :
 VHBLK001

Tgt Ion: 95 Resp: 9812

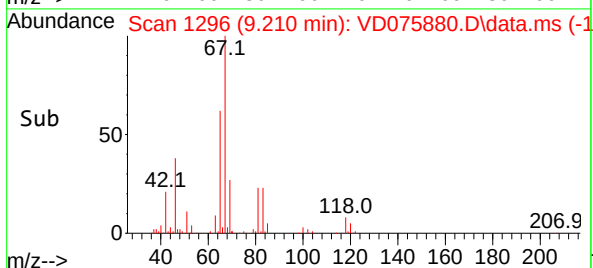
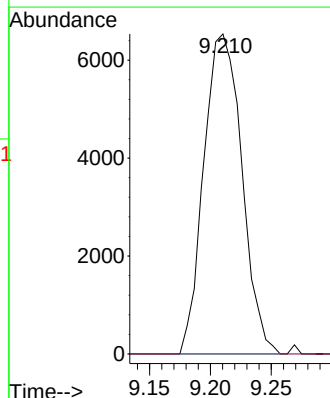
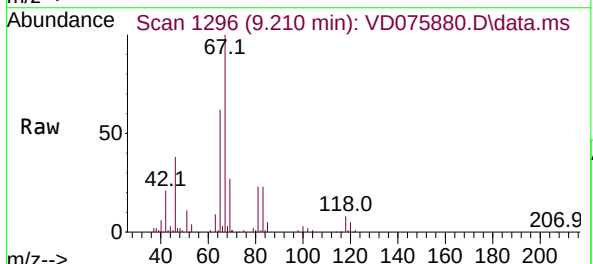
Ion	Ratio	Lower	Upper
95	100		
97	0.0	46.0	85.4#
132	0.0	73.3	136.1#
130	0.0	75.3	139.9#

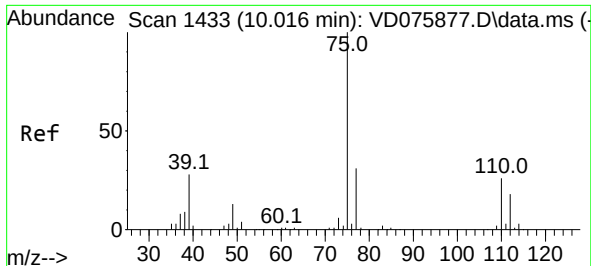


#37
 1,2-Dichloropropane
 Concen: 2.871 ug/L
 RT: 9.210 min Scan# 1296
 Delta R.T. -0.094 min
 Lab File: VD075880.D
 Acq: 28 Apr 2023 11:27

Tgt Ion: 63 Resp: 14251

Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.0	6.0#





#39

cis-1,3-Dichloropropene

Concen: 0.500 ug/L

RT: 9.981 min Scan# 1433

Delta R.T. -0.035 min

Lab File: VD075880.D

Acq: 28 Apr 2023 11:27

Instrument :

MSVOA_D

ClientSampleId :

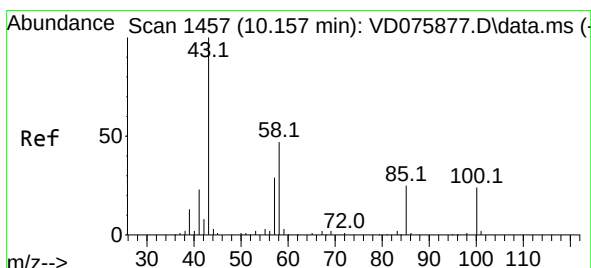
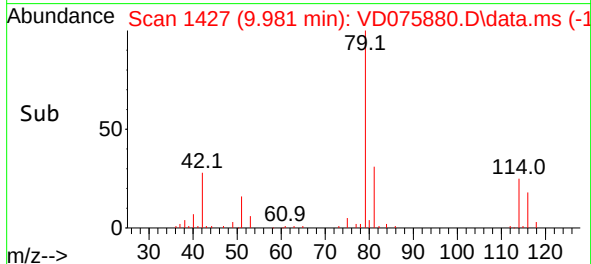
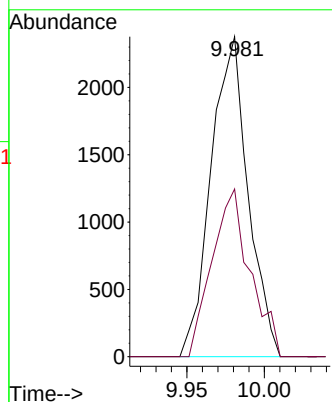
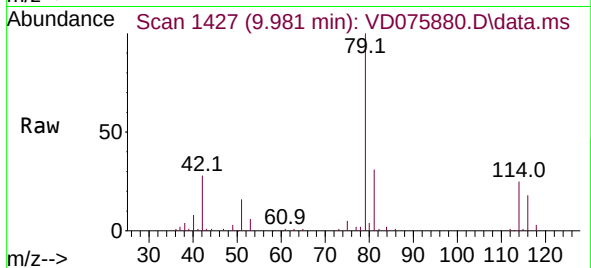
VHBLK001

Tgt Ion: 75 Resp: 3950

Ion Ratio Lower Upper

75 100

77 52.4 23.4 43.6#



#40

4-Methyl-2-pentanone

Concen: 0.896 ug/L

RT: 10.269 min Scan# 1476

Delta R.T. 0.112 min

Lab File: VD075880.D

Acq: 28 Apr 2023 11:27

Tgt Ion: 43 Resp: 1621

Ion Ratio Lower Upper

43 100

58 212.0 39.1 58.7#

100 18482.5 19.4 29.0#

