

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW013023\
 Data File : VW029990.D
 Acq On : 30 Jan 2023 14:38
 Operator : SY/MD
 Sample : 01314-19
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 31 02:19:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 31 02:16:13 2023
 Response via : Initial Calibration

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

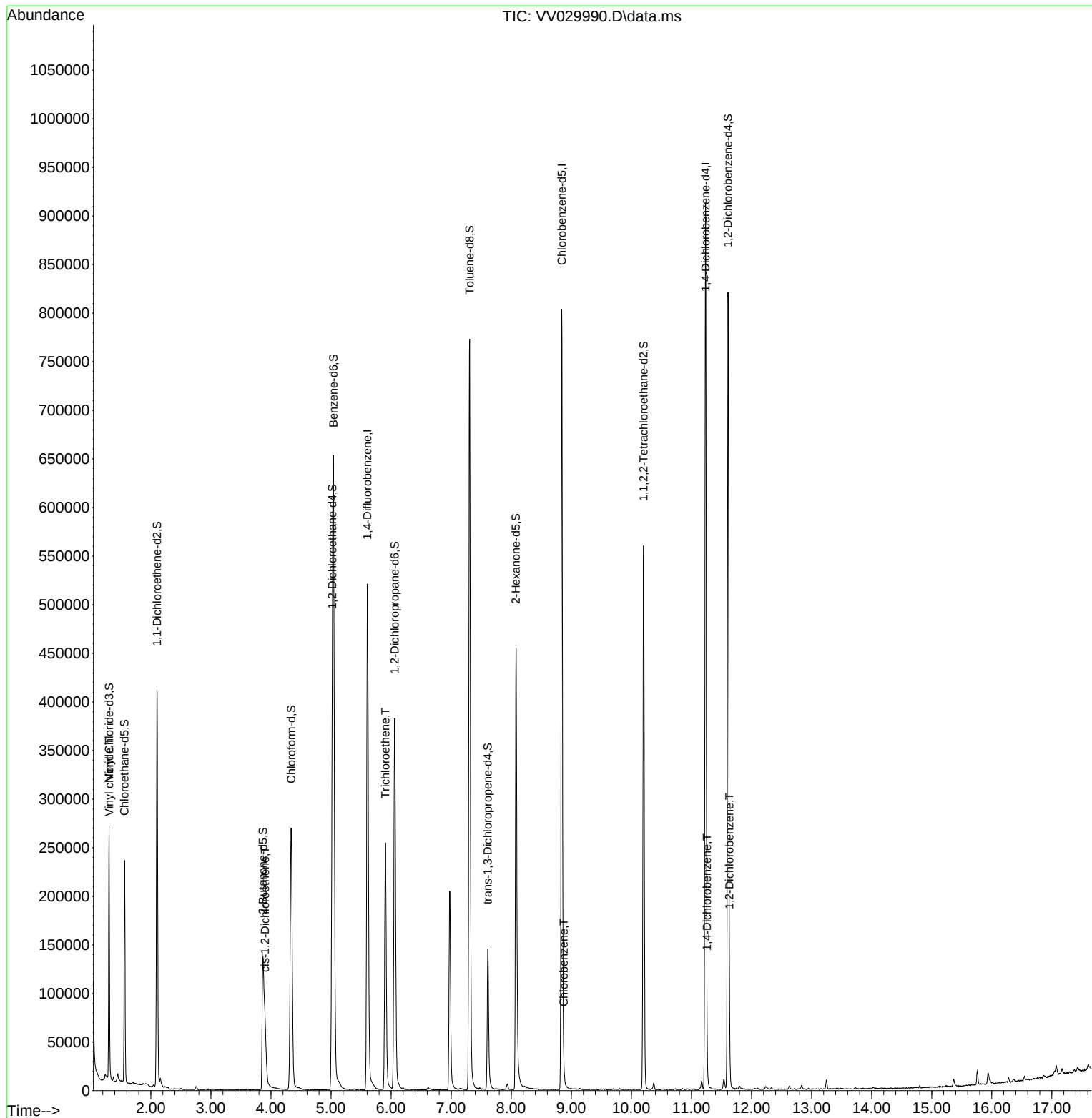
Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	469672	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	451173	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	245166	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	157800	48.218	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.440%
7) Chloroethane-d5	1.561	69	148208	53.834	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.660%
11) 1,1-Dichloroethene-d2	2.101	63	218526	37.575	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.140%
21) 2-Butanone-d5	3.863	46	211416	110.862	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.860%
24) Chloroform-d	4.336	84	287406	47.234	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.460%
26) 1,2-Dichloroethane-d4	5.021	65	171009	50.200	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.400%
32) Benzene-d6	5.040	84	615114	50.959	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.920%
36) 1,2-Dichloropropane-d6	6.059	67	205066	55.191	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	110.380%
41) Toluene-d8	7.307	98	530622	47.968	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.940%
43) trans-1,3-Dichloroprop...	7.609	79	87025	52.730	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.460%
47) 2-Hexanone-d5	8.079	63	171885	107.590	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.590%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	278879	48.502	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.000%
66) 1,2-Dichlorobenzene-d4	11.609	152	213931	48.973	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.940%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.307	62	3244	0.823	ug/L	# 1
20) cis-1,2-Dichloroethene	3.902	96	26734	7.222	ug/L	100
34) Trichloroethene	5.905	95	90275	26.443	ug/L	97
51) Chlorobenzene	8.873	112	4946	0.497	ug/L	96
65) 1,4-Dichlorobenzene	11.259	146	4922	0.643	ug/L	91
67) 1,2-Dichlorobenzene	11.631	146	13363	1.797	ug/L	97

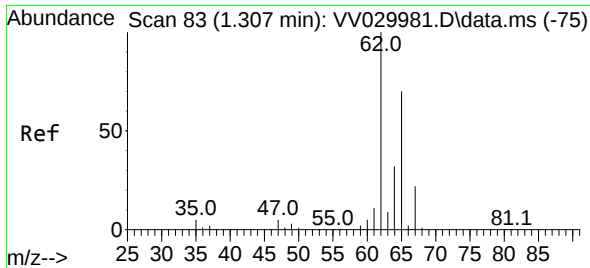
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011823WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jan 31 02:16:13 2023
Response via : Initial Calibration

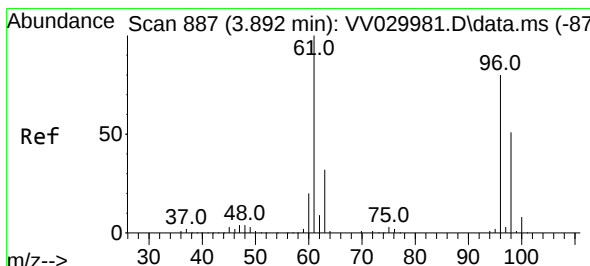
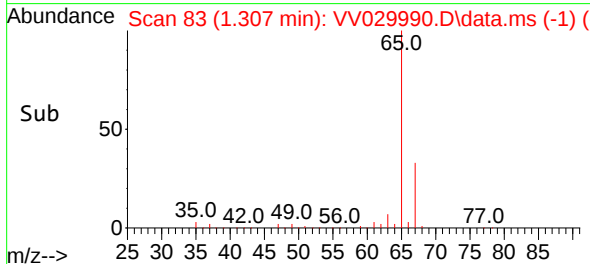
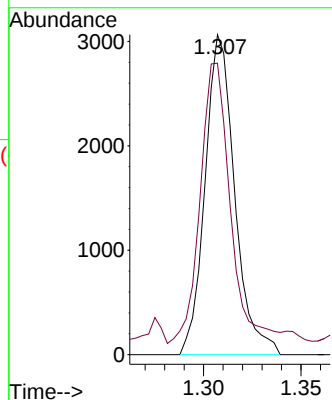
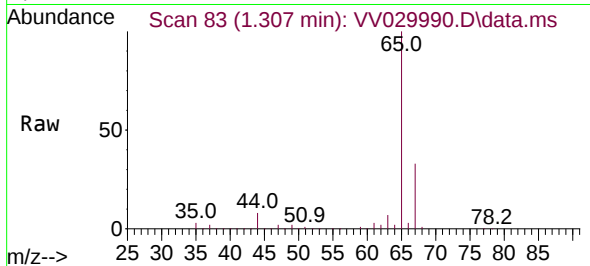




#5
 Vinyl chloride
 Concen: 0.823 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VV029990.D
 Acq: 30 Jan 2023 14:38

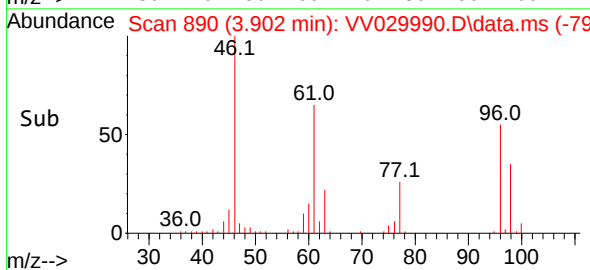
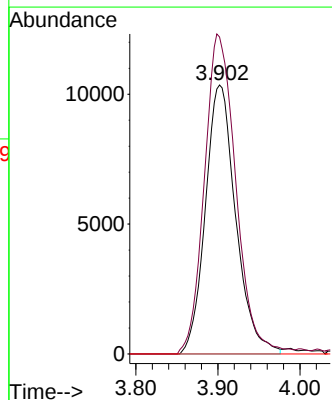
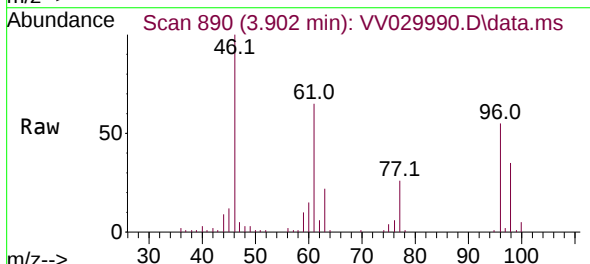
Instrument :
 MSVOA_V
 ClientSampleId :

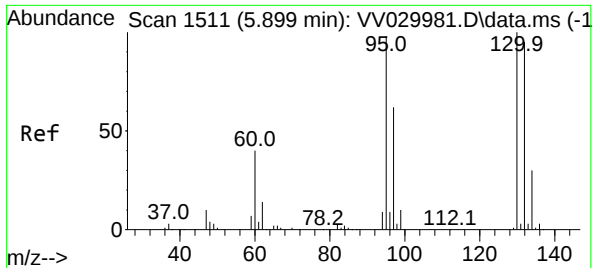
Tgt Ion: 62 Resp: 3244
 Ion Ratio Lower Upper
 62 100
 64 91.1 23.0 42.8#



#20
 cis-1,2-Dichloroethene
 Concen: 7.222 ug/L
 RT: 3.902 min Scan# 890
 Delta R.T. 0.009 min
 Lab File: VV029990.D
 Acq: 30 Jan 2023 14:38

Tgt Ion: 96 Resp: 26734
 Ion Ratio Lower Upper
 96 100
 61 117.9 82.5 153.3
 68 0.0 0.0 0.0



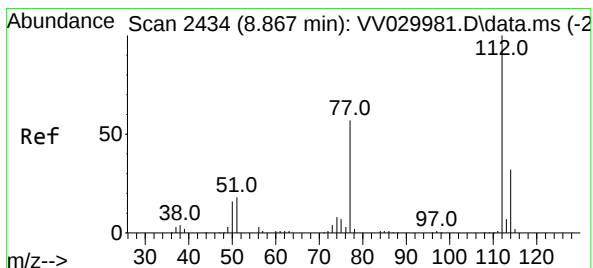
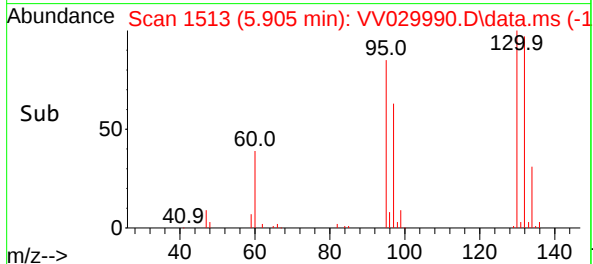
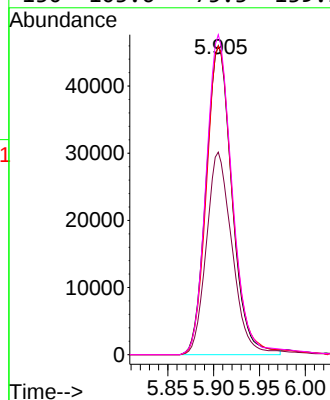
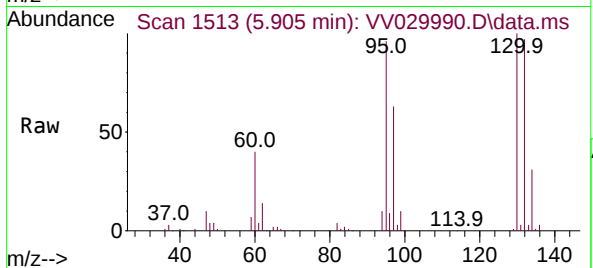


#34
Trichloroethene
Concen: 26.443 ug/L
RT: 5.905 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV029990.D
Acq: 30 Jan 2023 14:38

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 90275

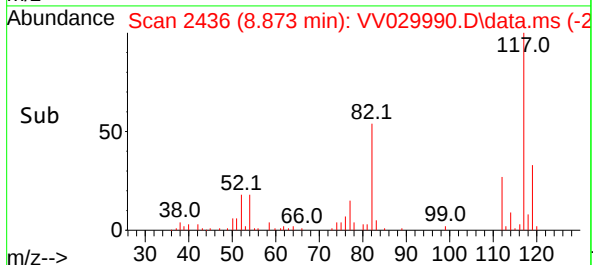
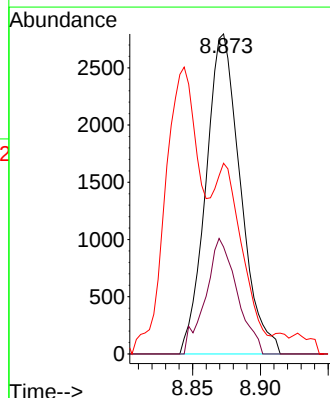
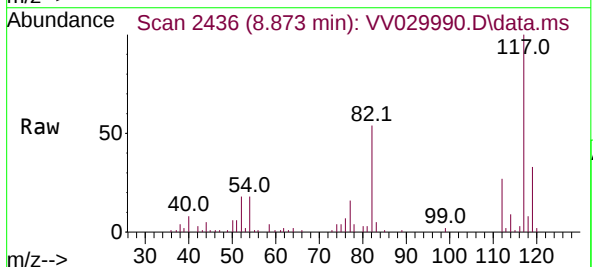
Ion	Ratio	Lower	Upper
95	100		
97	65.6	46.5	86.5
132	100.0	71.8	133.4
130	103.6	75.3	139.9

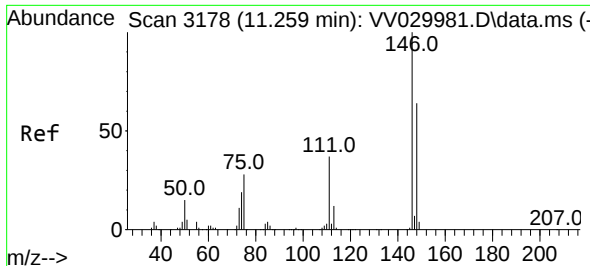


#51
Chlorobenzene
Concen: 0.497 ug/L
RT: 8.873 min Scan# 2436
Delta R.T. 0.006 min
Lab File: VV029990.D
Acq: 30 Jan 2023 14:38

Tgt Ion: 112 Resp: 4946

Ion	Ratio	Lower	Upper
112	100		
114	33.4	22.6	42.0
77	59.6	44.6	66.8

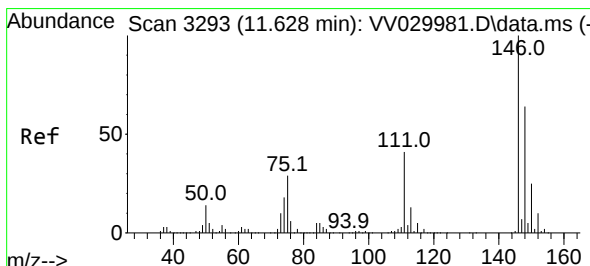
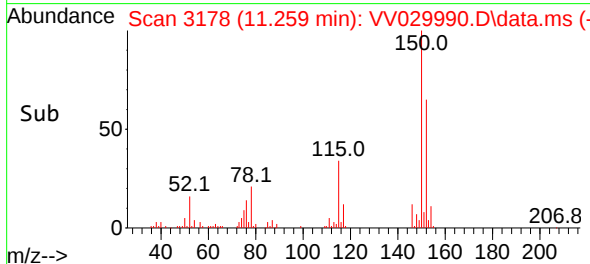
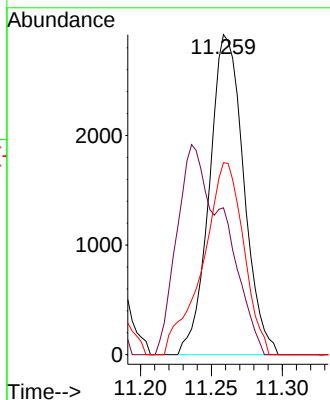
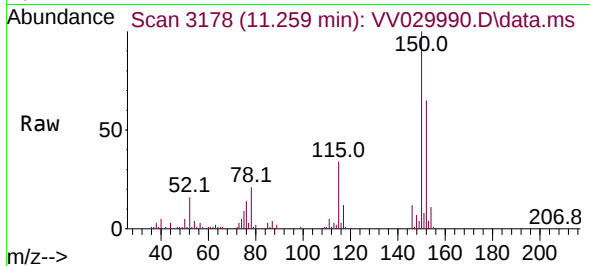




#65
1,4-Dichlorobenzene
Concen: 0.643 ug/L
RT: 11.259 min Scan# 3178
Delta R.T. -0.000 min
Lab File: VV029990.D
Acq: 30 Jan 2023 14:38

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:146 Resp: 4922
Ion Ratio Lower Upper
146 100
111 45.9 26.2 48.8
148 60.0 44.9 83.5



#67
1,2-Dichlorobenzene
Concen: 1.797 ug/L
RT: 11.631 min Scan# 3294
Delta R.T. 0.003 min
Lab File: VV029990.D
Acq: 30 Jan 2023 14:38

Tgt Ion:146 Resp: 13363
Ion Ratio Lower Upper
146 100
111 44.3 32.7 49.1
148 64.9 51.0 76.4

