

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121823\
 Data File : VW027728.D
 Acq On : 18 Dec 2023 14:20
 Operator : SY/MD
 Sample : 05794-03
 Misc : 4.40g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 18 22:13:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sun Dec 17 01:25:09 2023
 Response via : Initial Calibration

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

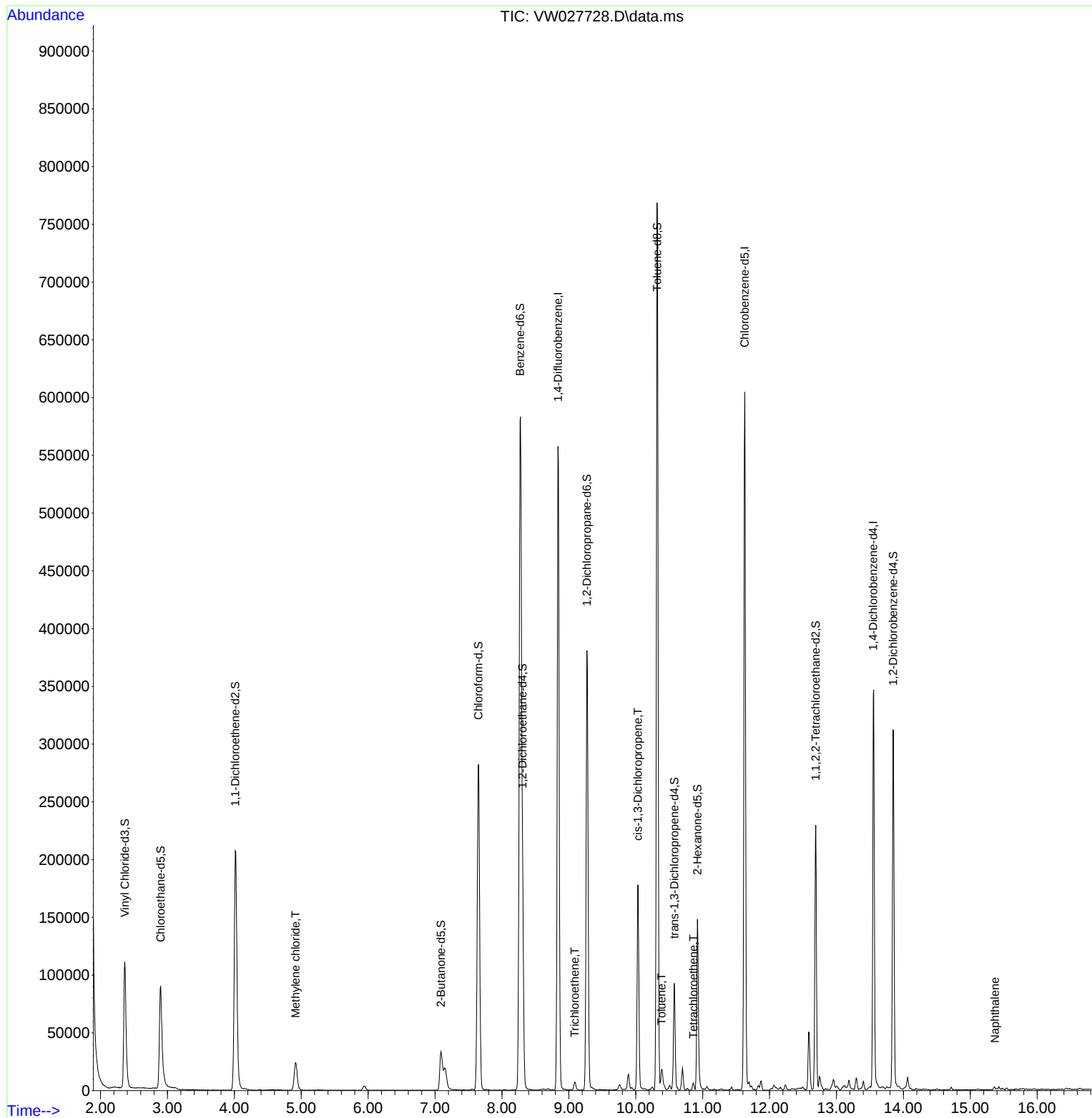
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	508605	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	364291	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	96700	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	164245	22.802	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.200%
7) Chloroethane-d5	2.899	69	142379	25.387	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.560%
11) 1,1-Dichloroethene-d2	4.015	65	66327	22.992	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	91.960%
21) 2-Butanone-d5	7.088	46	59759	48.721	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.440%
24) Chloroform-d	7.648	84	305087	25.209	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.840%
26) 1,2-Dichloroethane-d4	8.307	65	142660	25.105	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.440%
32) Benzene-d6	8.270	84	659450	30.974	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	123.880%
36) 1,2-Dichloropropane-d6	9.270	67	190699	31.616	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	126.480%#
41) Toluene-d8	10.319	98	538308	27.252	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.000%
43) trans-1,3-Dichloroprop...	10.575	79	53611	22.957	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.840%
47) 2-Hexanone-d5	10.922	63	53289	60.625	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.260%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	117436	25.745	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.000%
66) 1,2-Dichlorobenzene-d4	13.849	152	83135	24.017	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.080%
Target Compounds						
					Qvalue	
16) Methylene chloride	4.917	84	20469	2.567	ug/L	94
34) Trichloroethene	9.087	95	2396	0.416	ug/L	90
39) cis-1,3-Dichloropropene	10.032	75	4001	0.515	ug/L #	53
42) Toluene	10.386	91	10978	0.483	ug/L	93
46) Tetrachloroethene	10.861	164	1542	0.335	ug/L #	77
71) Naphthalene	15.367	128	2524	0.423	ug/L	97

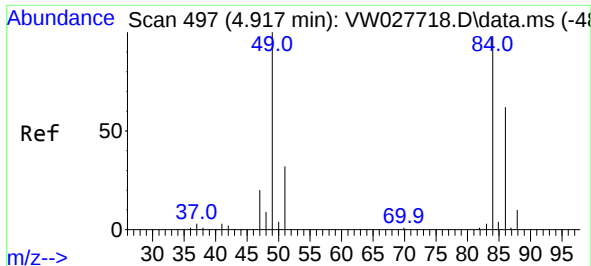
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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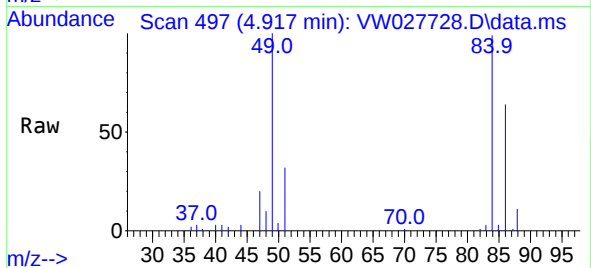
Quant Time: Dec 18 22:13:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121523SMA.M
Quant Title : SFAM01.0
QLast Update : Sun Dec 17 01:25:09 2023
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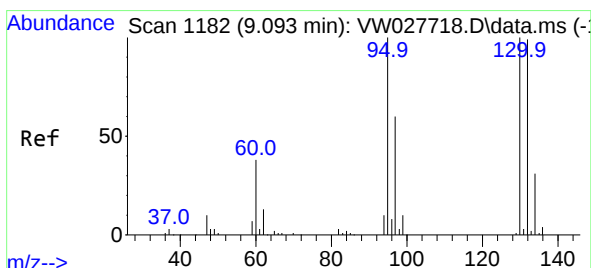
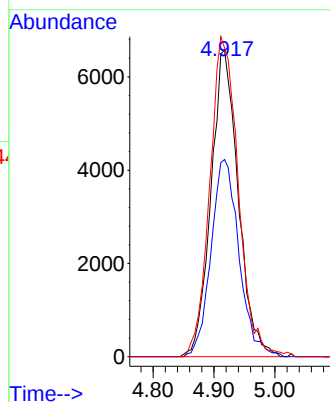
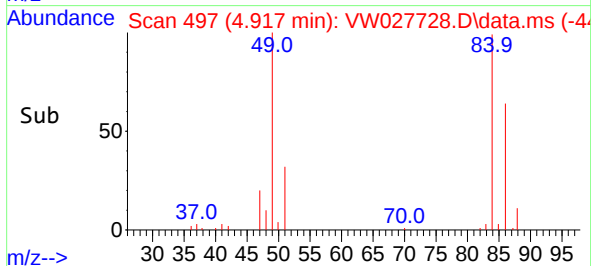


#16
Methylene chloride
Concen: 2.567 ug/L
RT: 4.917 min Scan# 49
Delta R.T. 0.000 min
Lab File: VW027728.D
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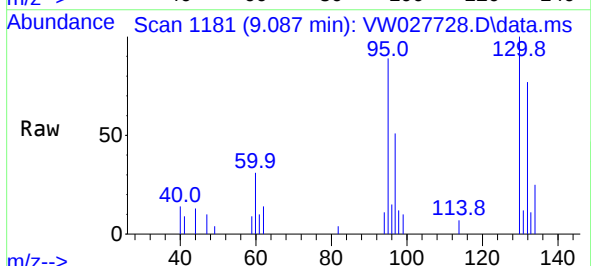
Instrument :
MSVOA_W
ClientSampleId :



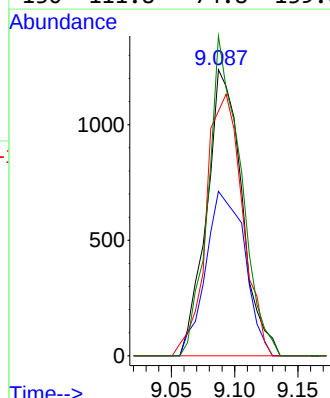
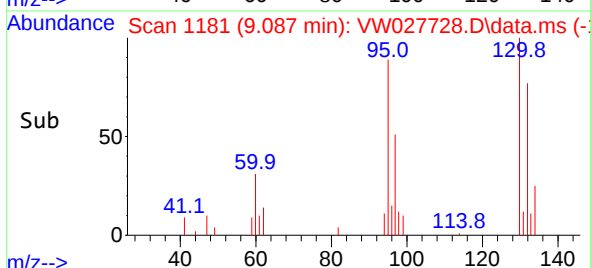
Tgt Ion: 84 Resp: 20469
Ion Ratio Lower Upper
84 100
86 64.2 45.8 85.2
49 100.7 76.2 141.6

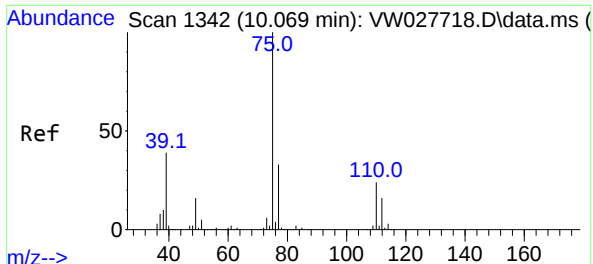


#34
Trichloroethene
Concen: 0.416 ug/L
RT: 9.087 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VW027728.D
Acq: 18 Dec 2023 14:20



Tgt Ion: 95 Resp: 2396
Ion Ratio Lower Upper
95 100
97 57.5 45.9 85.3
132 85.5 70.4 130.8
130 111.8 74.8 139.0





#39

cis-1,3-Dichloropropene

Concen: 0.515 ug/L

RT: 10.032 min Scan# 11

Delta R.T. -0.037 min

Lab File: VW027728.D

Acq: 18 Dec 2023 14:20

Instrument :

MSVOA_W

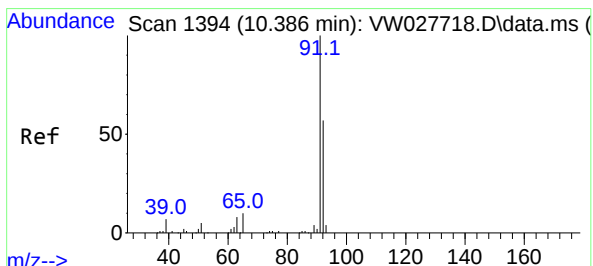
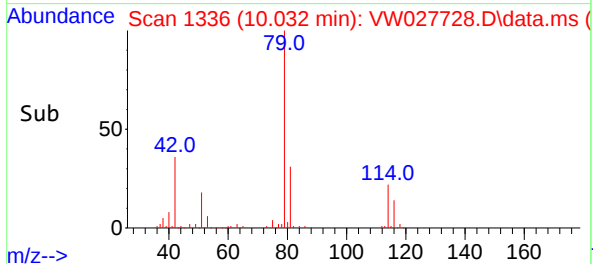
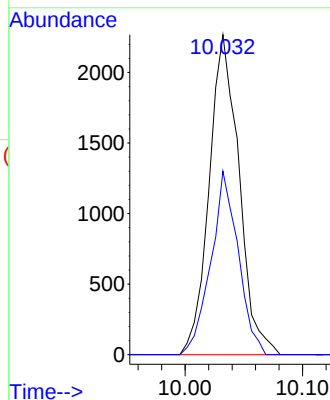
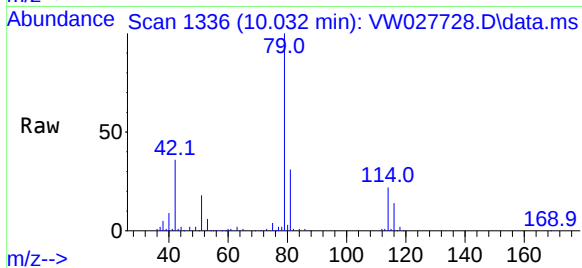
ClientSampleId :

Tgt Ion: 75 Resp: 4001

Ion Ratio Lower Upper

75 100

77 57.4 21.8 40.6#



#42

Toluene

Concen: 0.483 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW027728.D

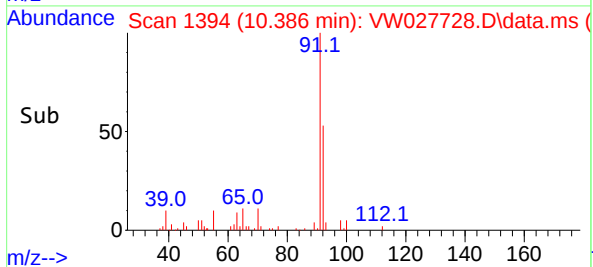
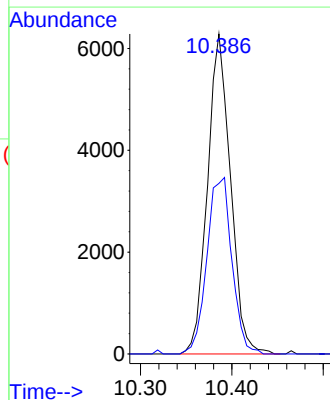
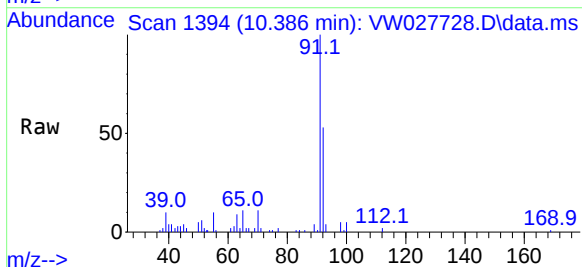
Acq: 18 Dec 2023 14:20

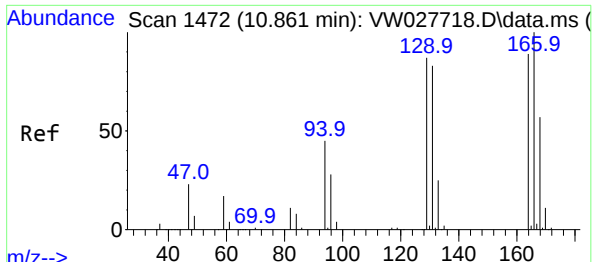
Tgt Ion: 91 Resp: 10978

Ion Ratio Lower Upper

91 100

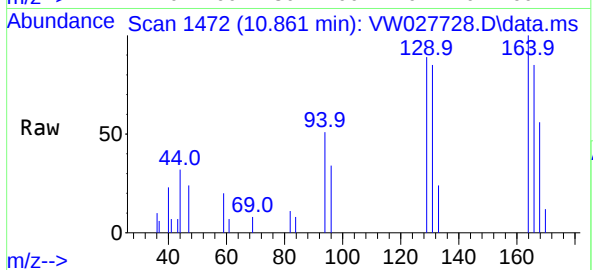
92 53.3 41.2 76.4





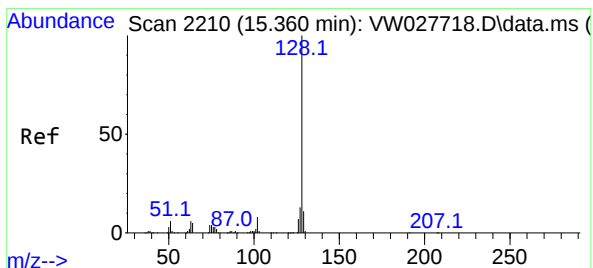
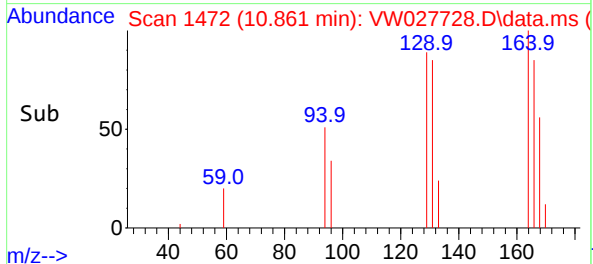
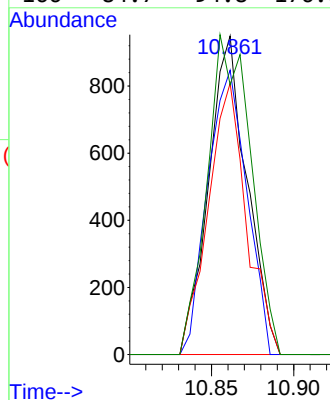
#46
Tetrachloroethene
Concen: 0.335 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW027728.D
Acq: 18 Dec 2023 14:20

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:164 Resp: 1542

Ion	Ratio	Lower	Upper
164	100		
129	89.3	70.5	130.9
131	85.1	64.8	120.3
166	84.7	94.8	176.0



#71
Naphthalene
Concen: 0.423 ug/L
RT: 15.367 min Scan# 2211
Delta R.T. 0.012 min
Lab File: VW027728.D
Acq: 18 Dec 2023 14:20

Tgt Ion:128 Resp: 2524

Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.2	15.2
129	11.8	8.6	12.8

