

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122124\
 Data File : VW031492.D
 Acq On : 22 Dec 2024 05:39
 Operator : SY/MD
 Sample : P5322-13
 Misc : 5.84g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 23 02:15:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Dec 23 01:56:19 2024
 Response via : Initial Calibration

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

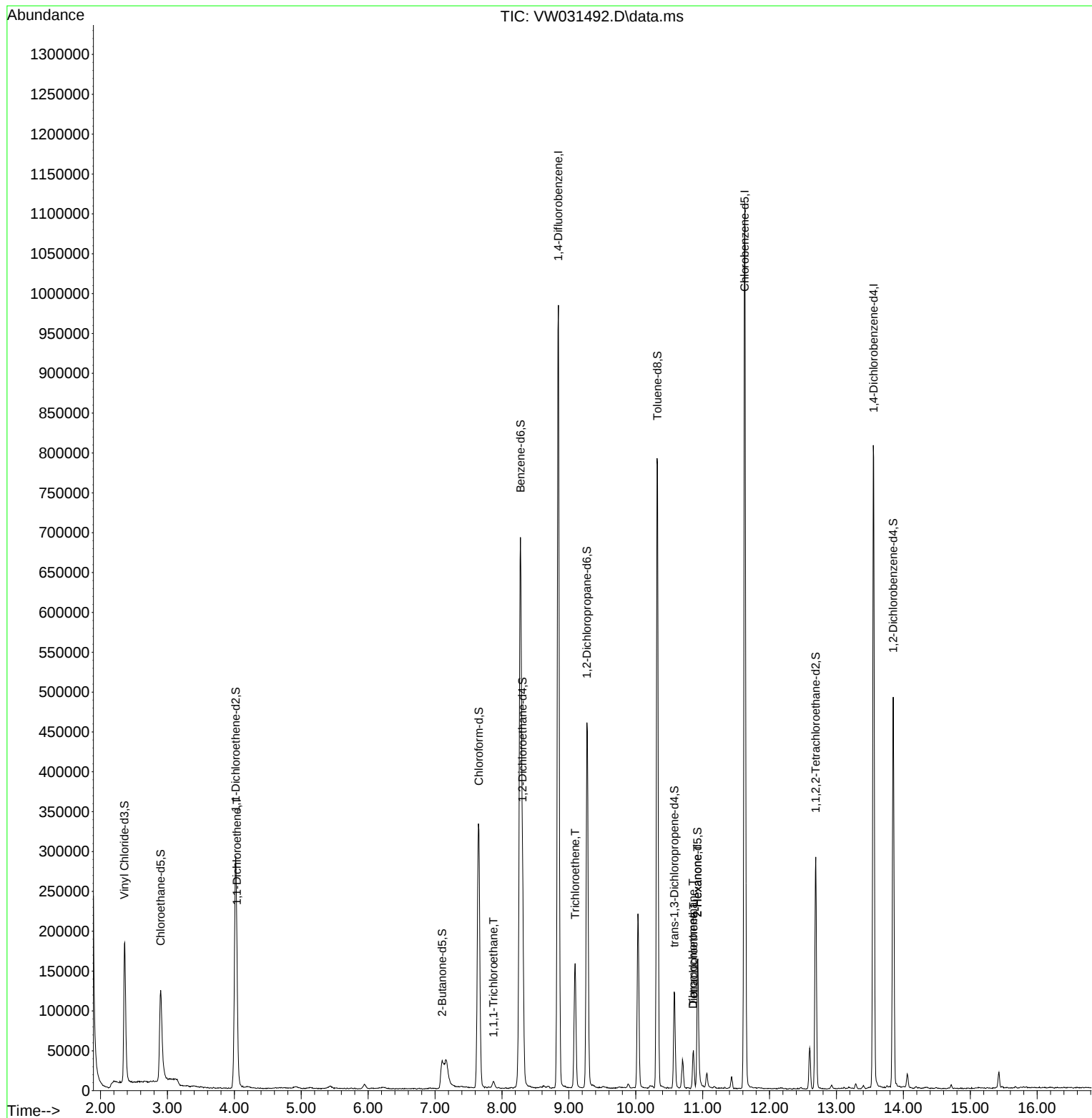
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	831803	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	609095	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	210774	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.357	65	225049	17.982	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.920%
7) Chloroethane-d5	2.899	69	175063	18.909	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.640%
11) 1,1-Dichloroethene-d2	4.021	65	88906	14.976	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.920%
21) 2-Butanone-d5	7.106	46	78886	33.469	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.940%
24) Chloroform-d	7.655	84	350075	15.360	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	61.440%
26) 1,2-Dichloroethane-d4	8.307	65	198974	17.384	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	69.520%#
32) Benzene-d6	8.276	84	698725	17.898	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	71.600%
36) 1,2-Dichloropropane-d6	9.270	67	212973	18.718	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	74.880%
41) Toluene-d8	10.325	98	525790	14.477	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	57.920%
43) trans-1,3-Dichloroprop...	10.575	79	67668	12.898	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	51.600%
47) 2-Hexanone-d5	10.922	63	58994	38.555	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.120%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	146016	20.439	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.760%
66) 1,2-Dichlorobenzene-d4	13.849	152	124755	15.944	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	63.760%#
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	4.039	96	10652	1.045	ug/L #	1
30) 1,1,1-Trichloroethane	7.874	97	6078	0.386	ug/L	98
34) Trichloroethene	9.093	95	54947	5.171	ug/L	93
46) Tetrachloroethene	10.861	164	10068	1.293	ug/L	89
48) 2-Hexanone	10.922	43	8329	1.966	ug/L #	71
49) Dibromochloromethane	10.855	129	9365	1.265	ug/L #	8

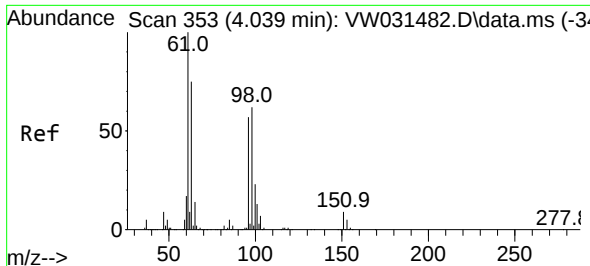
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Mon Dec 23 01:56:19 2024
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 1.045 ug/L

RT: 4.039 min Scan# 3

Delta R.T. 0.000 min

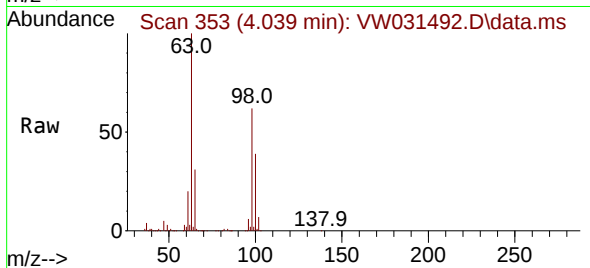
Lab File: VW031492.D

Acq: 22 Dec 2024 05:39

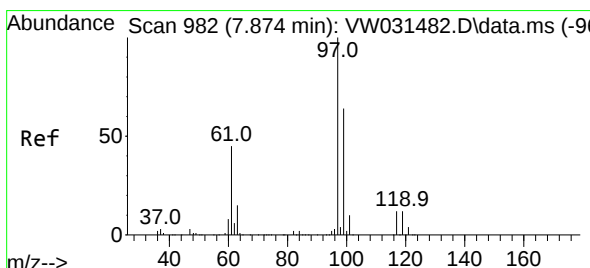
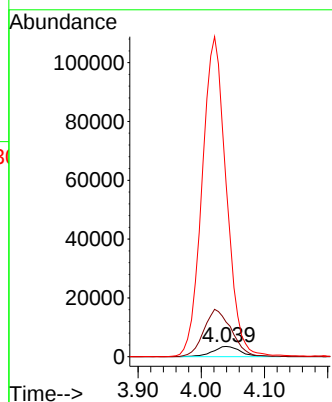
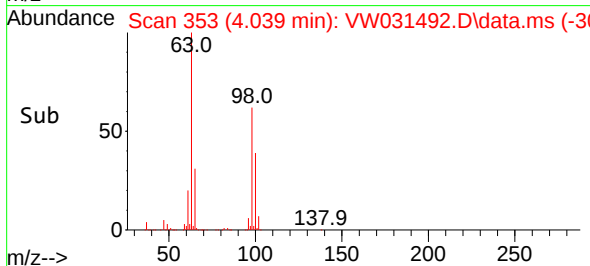
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	96	Resp:	10652
Ion	Ratio	Lower	Upper
96	100		
61	338.9	125.3	232.7#
63	1696.5	104.6	194.2#



#30

1,1,1-Trichloroethane

Concen: 0.386 ug/L

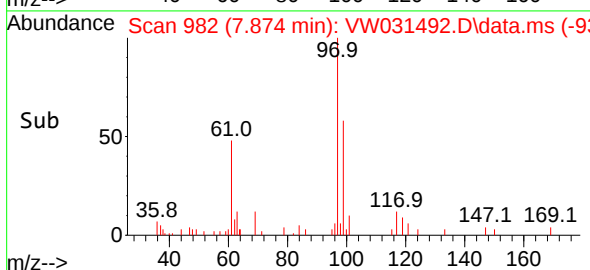
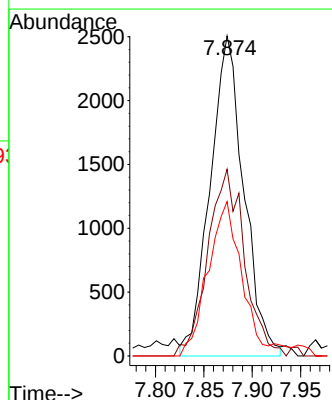
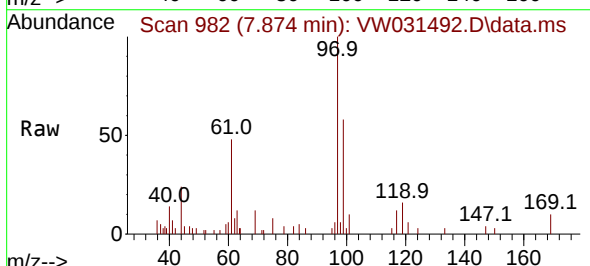
RT: 7.874 min Scan# 982

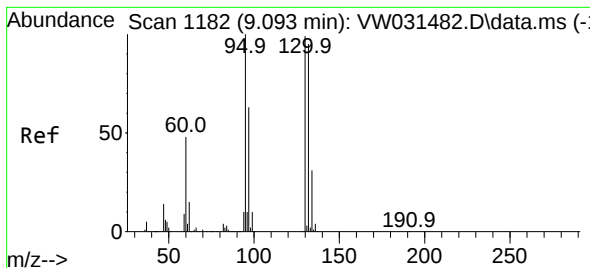
Delta R.T. 0.000 min

Lab File: VW031492.D

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Tgt Ion:	97	Resp:	6078
Ion	Ratio	Lower	Upper
97	100		
99	63.1	51.1	76.7
61	47.6	36.3	54.5





#34

Trichloroethene

Concen: 5.171 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

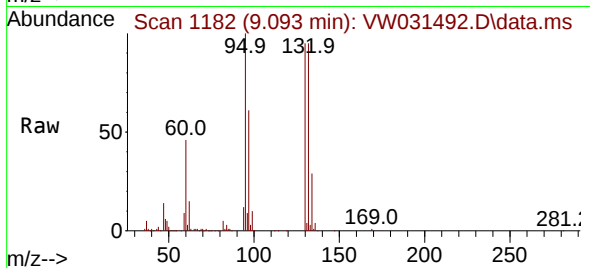
Lab File: VW031492.D

Acq: 22 Dec 2024 05:39

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 54947

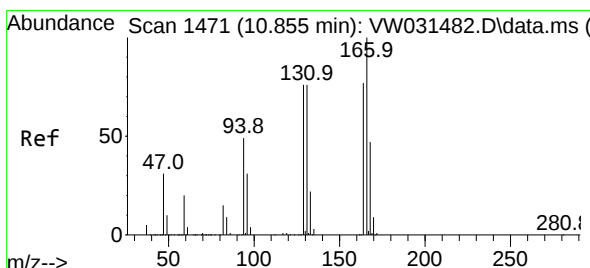
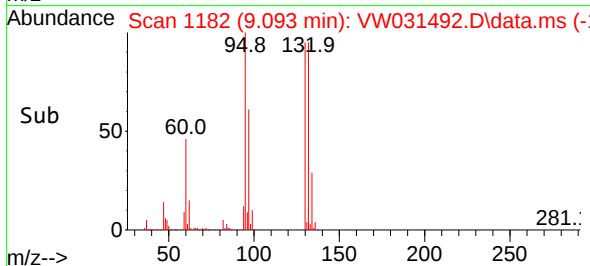
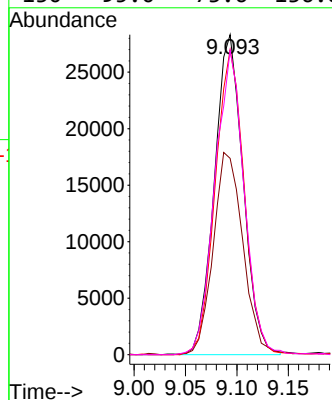
Ion Ratio Lower Upper

95 100

97 61.3 46.5 86.3

132 95.3 70.3 130.5

130 95.0 73.6 136.8



#46

Tetrachloroethene

Concen: 1.293 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.006 min

Lab File: VW031492.D

Acq: 22 Dec 2024 05:39

Tgt Ion:164 Resp: 10068

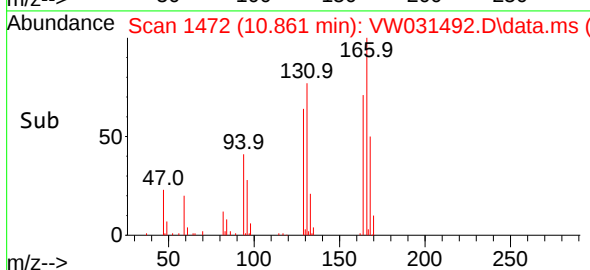
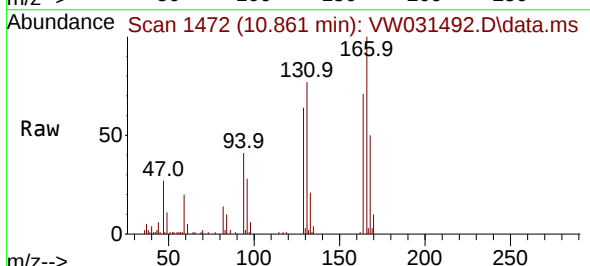
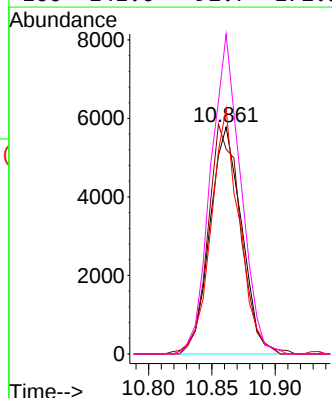
Ion Ratio Lower Upper

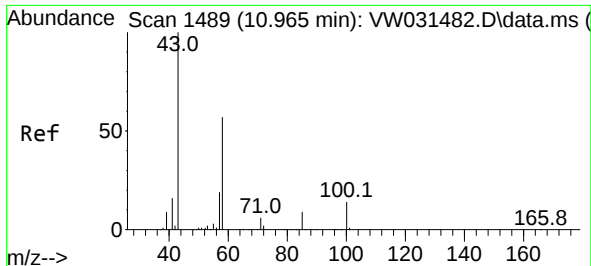
164 100

129 90.3 73.5 136.5

131 108.2 66.6 123.8

166 141.0 92.7 172.3

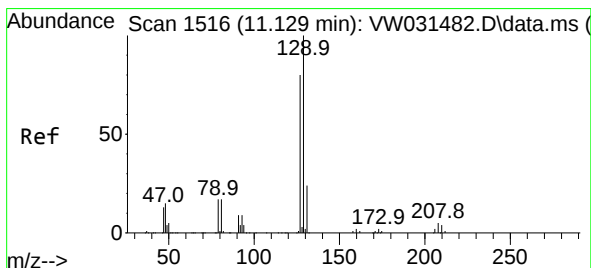
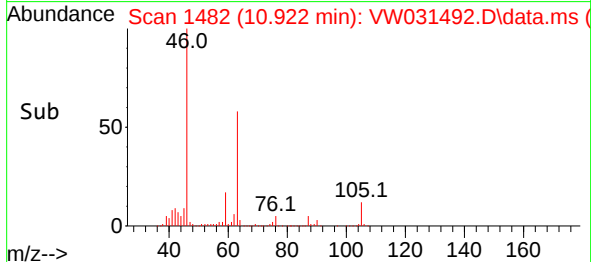
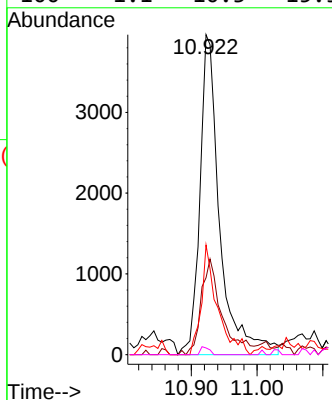
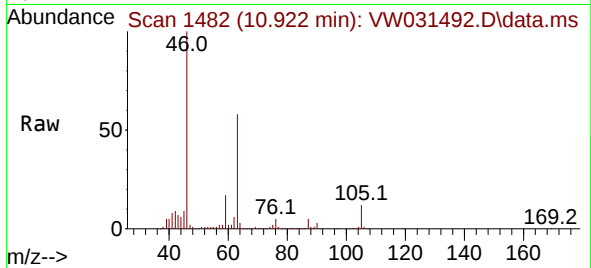




#48
2-Hexanone
Concen: 1.966 ug/L
RT: 10.922 min Scan# 1471
Delta R.T. -0.043 min
Lab File: VW031492.D
Acq: 22 Dec 2024 05:39

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 43 Resp: 8329
Ion Ratio Lower Upper
43 100
58 29.3 43.0 64.6#
57 26.6 15.7 23.5#
100 1.1 10.3 15.5#



#49
Dibromochloromethane
Concen: 1.265 ug/L
RT: 10.855 min Scan# 1471
Delta R.T. -0.274 min
Lab File: VW031492.D
Acq: 22 Dec 2024 05:39

Tgt Ion:129 Resp: 9365
Ion Ratio Lower Upper
129 100
127 0.0 57.6 107.0#

