

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050721\
 Data File : VW018957.D
 Acq On : 07 May 2021 15:08
 Operator : SY/VA
 Sample : M2272-18
 Misc : 4.60G/10ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 07 23:30:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 07 23:29:08 2021
 Response via : Initial Calibration

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

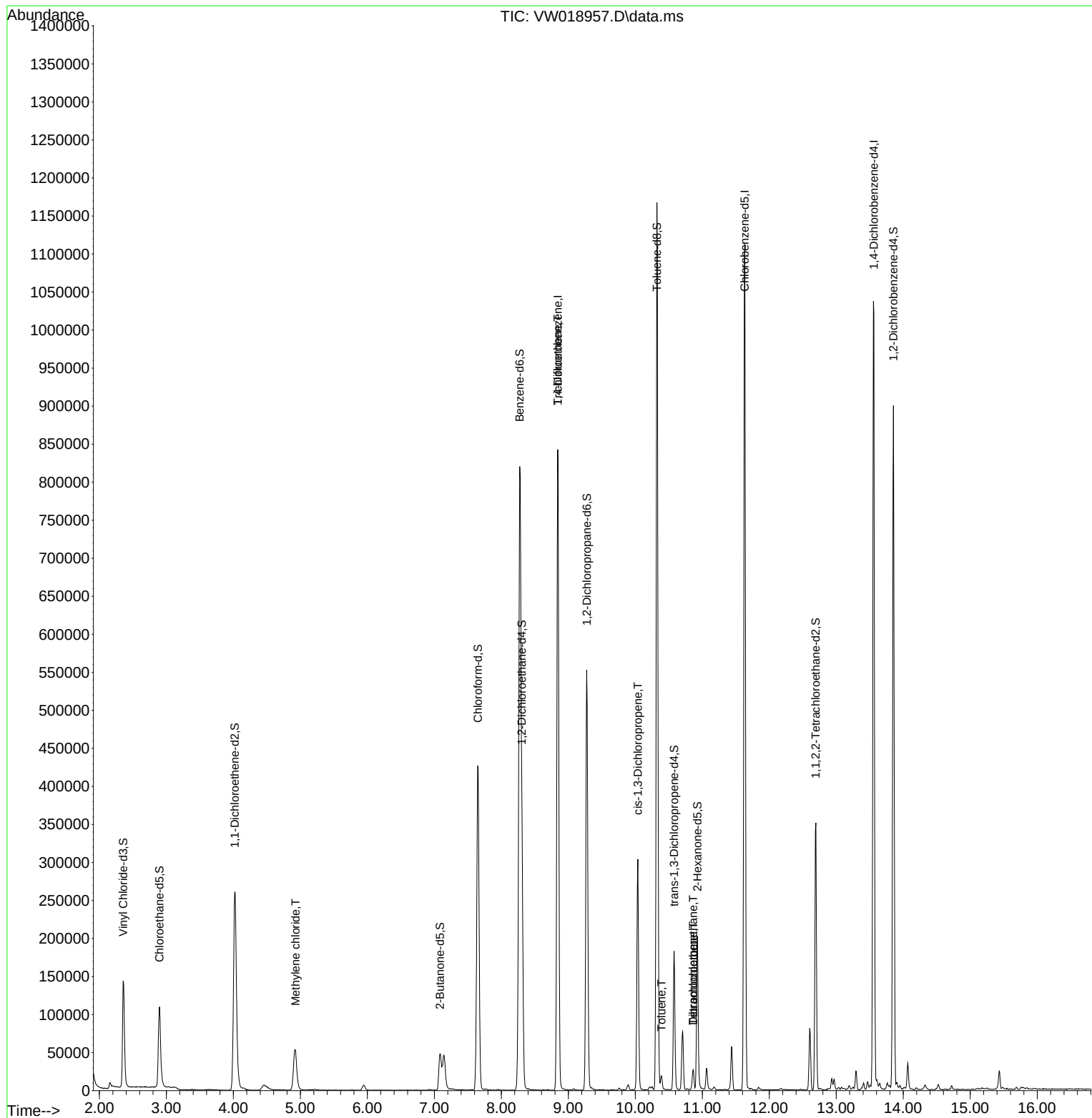
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	670279	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	591994	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	253346	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	170118	19.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.12%
7) Chloroethane-d5	2.898	69	138250	20.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.00%
11) 1,1-Dichloroethene-d2	4.019	63	296269	17.35	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.40%
21) 2-Butanone-d5	7.086	46	86936	38.82	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.64%
24) Chloroform-d	7.653	84	423238	24.06	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.24%
26) 1,2-Dichloroethane-d4	8.305	65	238882	24.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.24%
32) Benzene-d6	8.275	84	810580	24.23	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.92%
36) 1,2-Dichloropropane-d6	9.274	67	242280	24.42	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.68%
41) Toluene-d8	10.323	98	744481	23.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.48%
43) trans-1,3-Dichloroprop...	10.579	79	96530	21.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.64%
47) 2-Hexanone-d5	10.927	63	70325	39.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.16%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	169133	20.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.44%
66) 1,2-Dichlorobenzene-d4	13.853	152	213827	24.63	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.52%
Target Compounds						
					Qvalue	
16) Methylene chloride	4.928	84	46132	4.16	ug/L	89
34) Trichloroethene	8.842	95	22063	2.33	ug/L #	5
39) cis-1,3-Dichloropropene	10.036	75	8266	0.61	ug/L	86
42) Toluene	10.390	91	12212	0.31	ug/L	98
46) Tetrachloroethene	10.866	164	5564	0.78	ug/L	93
49) Dibromochloromethane	10.866	129	5448	0.74	ug/L #	13

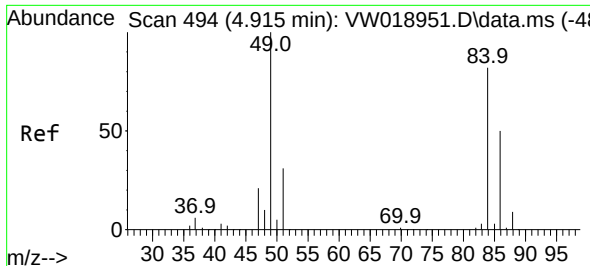
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Time: May 07 23:30:35 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 07 23:29:08 2021
Response via : Initial Calibration

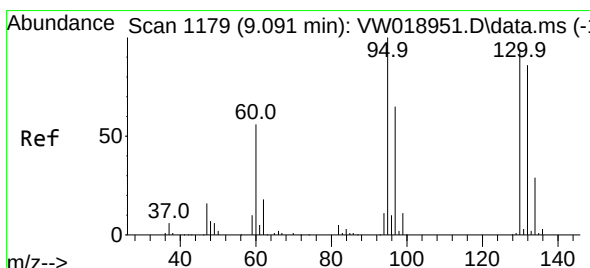
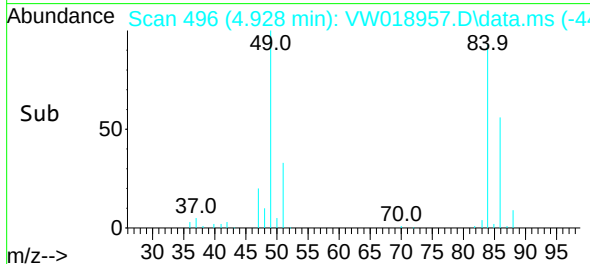
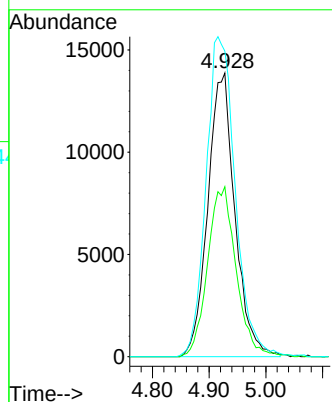
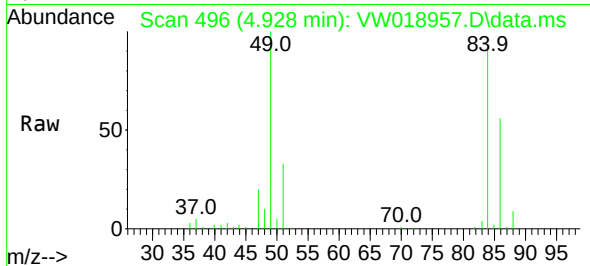




#16
Methylene chloride
Concen: 4.16 ug/L
RT: 4.928 min Scan# 496
Delta R.T. 0.012 min
Lab File: VW018957.D
Acq: 07 May 2021 15:08

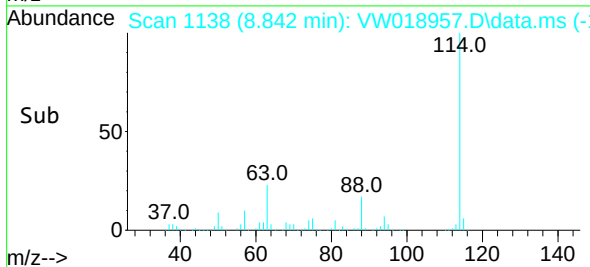
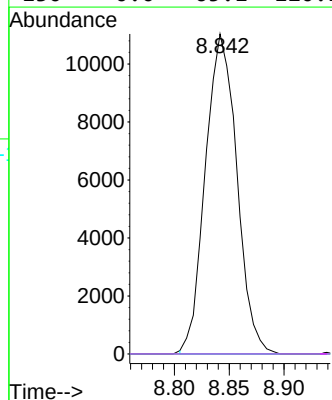
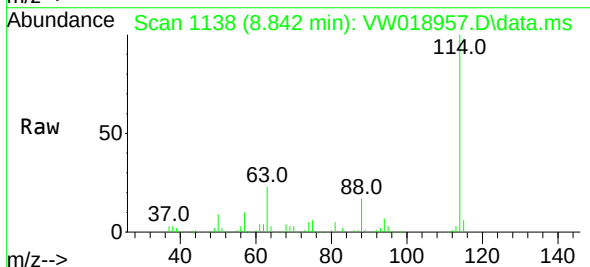
Instrument :
MSVOA_W
ClientSampled :

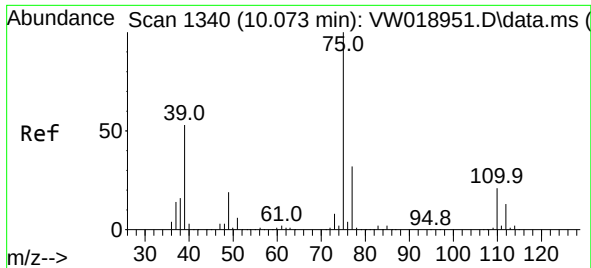
Tgt Ion: 84 Resp: 46132
Ion Ratio Lower Upper
84 100
86 59.9 45.3 84.1
49 107.7 86.6 160.8



#34
Trichloroethene
Concen: 2.33 ug/L
RT: 8.842 min Scan# 1138
Delta R.T. -0.250 min
Lab File: VW018957.D
Acq: 07 May 2021 15:08

Tgt Ion: 95 Resp: 22063
Ion Ratio Lower Upper
95 100
97 0.0 47.3 87.8#
132 0.0 71.0 131.8#
130 0.0 65.1 120.9#

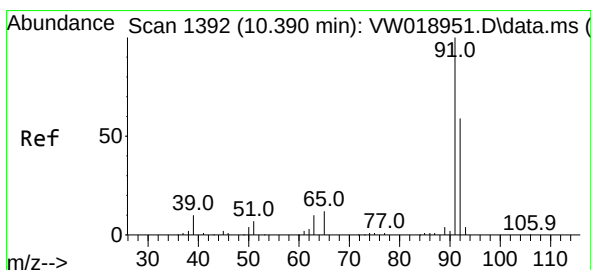
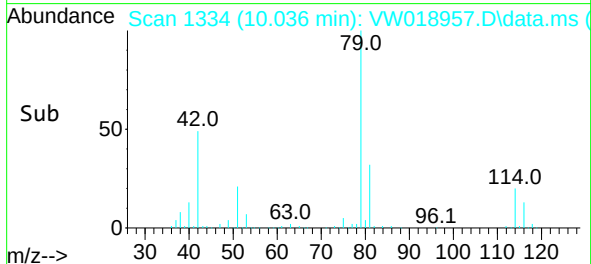
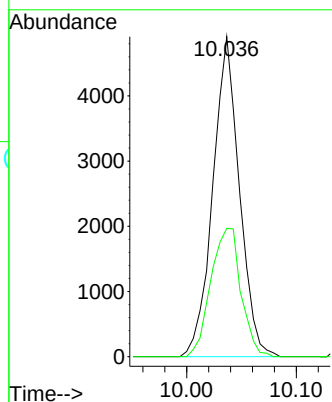
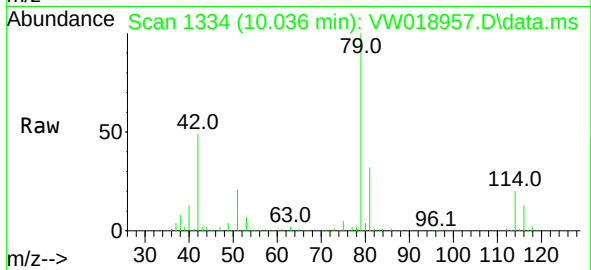




#39
cis-1,3-Dichloropropene
Concen: 0.61 ug/L
RT: 10.036 min Scan# 1334
Delta R.T. -0.037 min
Lab File: VW018957.D
Acq: 07 May 2021 15:08

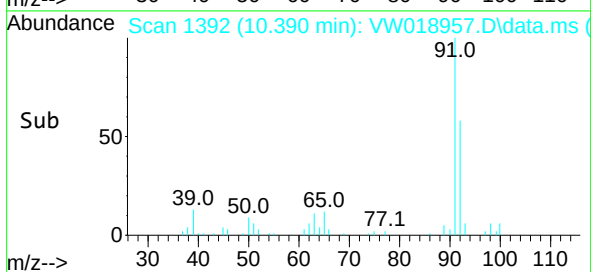
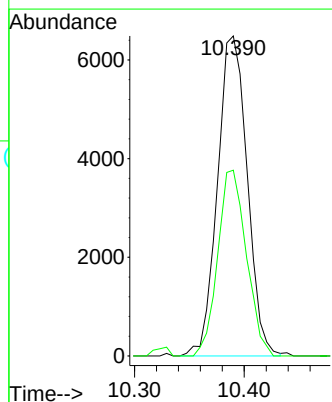
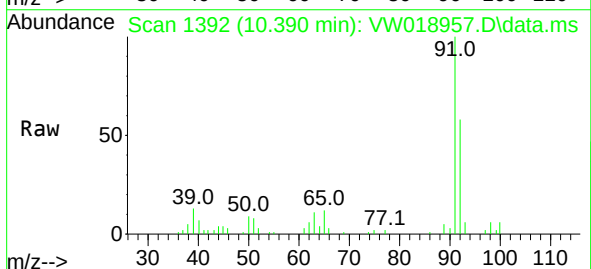
Instrument :
MSVOA_W
ClientSampled :

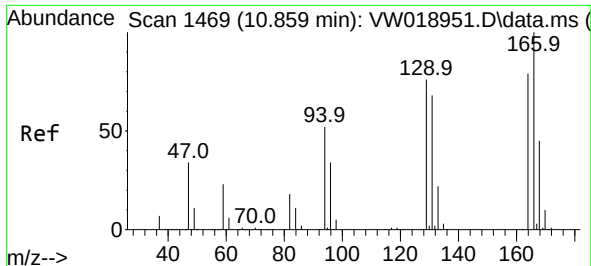
Tgt Ion: 75 Resp: 8266
Ion Ratio Lower Upper
75 100
77 40.1 22.6 42.0



#42
Toluene
Concen: 0.31 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW018957.D
Acq: 07 May 2021 15:08

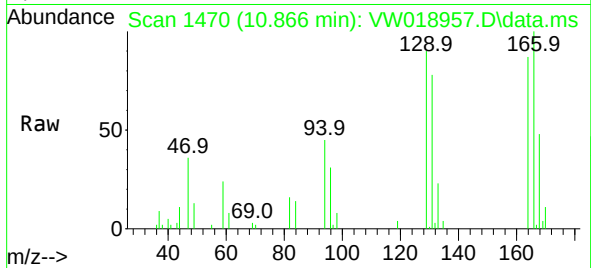
Tgt Ion: 91 Resp: 12212
Ion Ratio Lower Upper
91 100
92 58.0 39.5 73.3



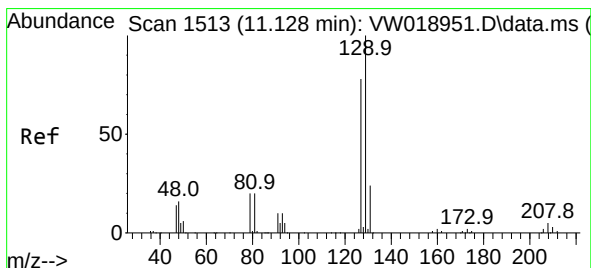
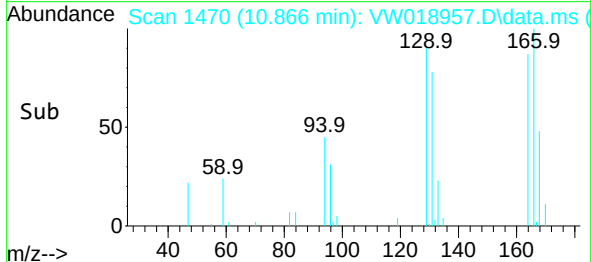
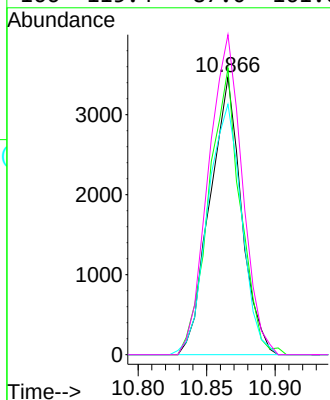


#46
Tetrachloroethene
Concen: 0.78 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW018957.D
Acq: 07 May 2021 15:08

Instrument :
MSVOA_W
ClientSampled :



Tgt Ion:	164	Resp:	5564
Ion Ratio	Lower	Upper	
164	100		
129	103.3	66.7	123.9
131	90.3	61.1	113.5
166	115.4	87.0	161.6



#49
Dibromochloromethane
Concen: 0.74 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. -0.262 min
Lab File: VW018957.D
Acq: 07 May 2021 15:08

Tgt Ion:	129	Resp:	5448
Ion Ratio	Lower	Upper	
129	100		
127	0.0	51.7	95.9#

