

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071922\
 Data File : VW023909.D
 Acq On : 20 Jul 2022 02:11
 Operator : SY/VA
 Sample : N3743-14
 Misc : 6.78g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F5D12

Quant Time: Jul 20 03:02:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jul 20 02:42:08 2022
 Response via : Initial Calibration

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

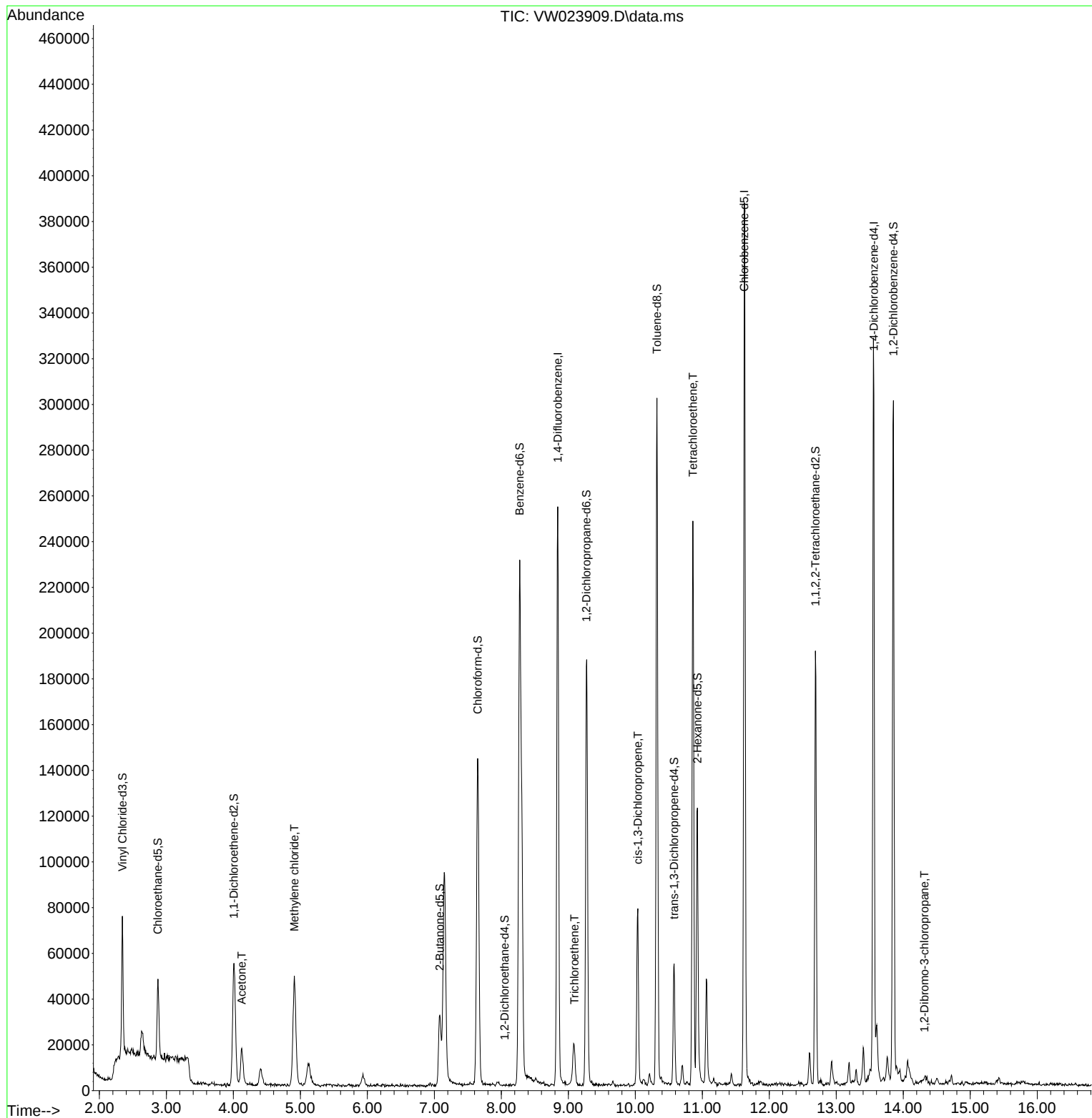
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	203296	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	200636	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	77829	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	54389	10.475	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	41.880%
7) Chloroethane-d5	2.873	69	37084	10.706	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	42.840%
11) 1,1-Dichloroethene-d2	4.007	63	51106	12.087	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	48.360%
21) 2-Butanone-d5	7.080	46	49177	61.060	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.120%
24) Chloroform-d	7.647	84	141025	23.826	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.320%
26) 1,2-Dichloroethane-d4	8.049	65	107	0.030	ug/L	-0.26
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.120%#
32) Benzene-d6	8.275	84	228898	21.947	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.800%
36) 1,2-Dichloropropane-d6	9.268	67	83122	26.458	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.840%
41) Toluene-d8	10.323	98	194939	18.427	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.720%
43) trans-1,3-Dichloroprop...	10.579	79	28494	19.349	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.400%
47) 2-Hexanone-d5	10.927	63	37503	56.770	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.540%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	89083	25.658	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.640%
66) 1,2-Dichlorobenzene-d4	13.853	152	73982	26.628	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.520%
Target Compounds						
					Qvalue	
13) Acetone	4.123	43	27534	48.355	ug/L	96
16) Methylene chloride	4.909	84	36040	11.337	ug/L	97
34) Trichloroethene	9.092	95	3181	1.057	ug/L	87
39) cis-1,3-Dichloropropene	10.036	75	2655	0.616	ug/L	94
46) Tetrachloroethene	10.860	164	49926	21.446	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.316	75	1004	2.551	ug/L #	13

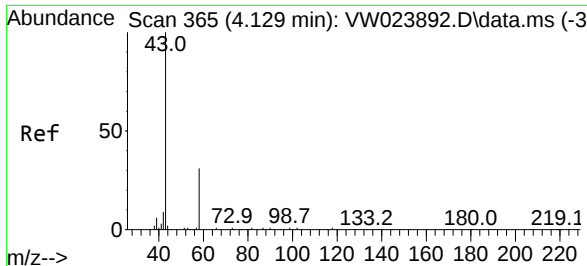
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Wed Jul 20 02:42:08 2022
Response via : Initial Calibration

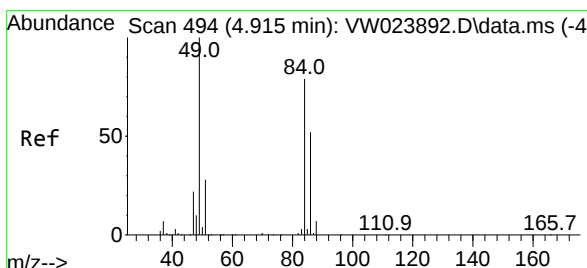
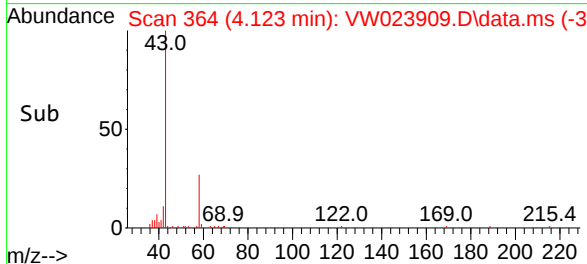
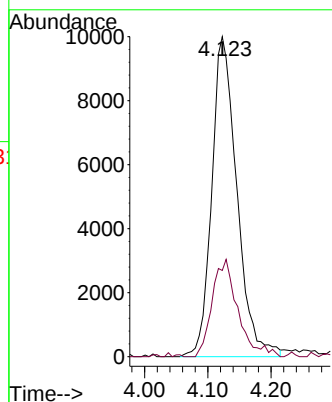
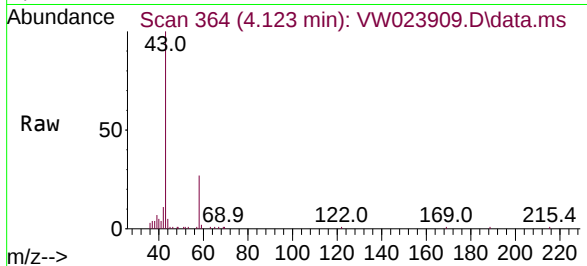




#13
Acetone
Concen: 48.355 ug/L
RT: 4.123 min Scan# 30
Delta R.T. -0.006 min
Lab File: VW023909.D
Acq: 20 Jul 2022 02:11

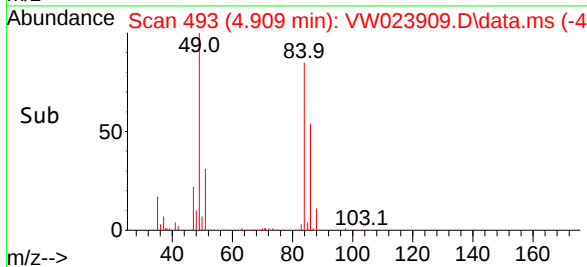
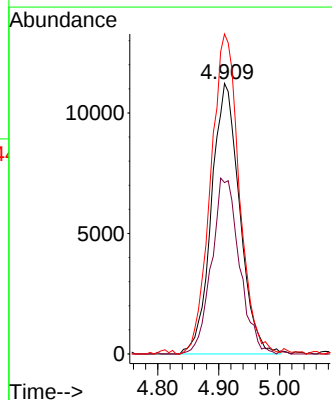
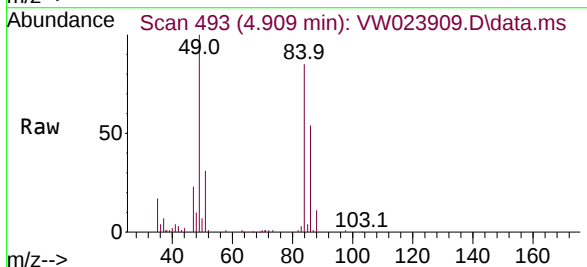
Instrument :
MSVOA_W
ClientSampleId :
F5D12

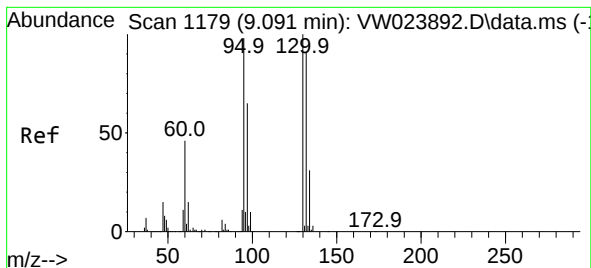
Tgt Ion: 43 Resp: 27534
Ion Ratio Lower Upper
43 100
58 30.0 0.0 64.2



#16
Methylene chloride
Concen: 11.337 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.006 min
Lab File: VW023909.D
Acq: 20 Jul 2022 02:11

Tgt Ion: 84 Resp: 36040
Ion Ratio Lower Upper
84 100
86 63.3 42.8 79.6
49 118.3 85.4 158.6





#34

Trichloroethene

Concen: 1.057 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW023909.D

Acq: 20 Jul 2022 02:11

Instrument :

MSVOA_W

ClientSampleId :

F5D12

Tgt Ion: 95 Resp: 3181

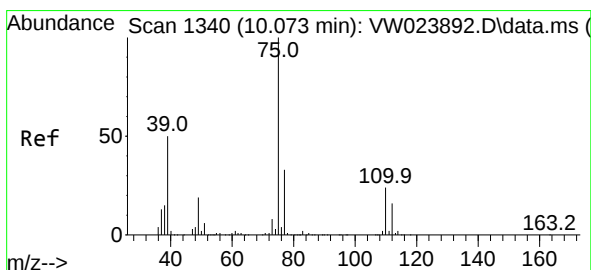
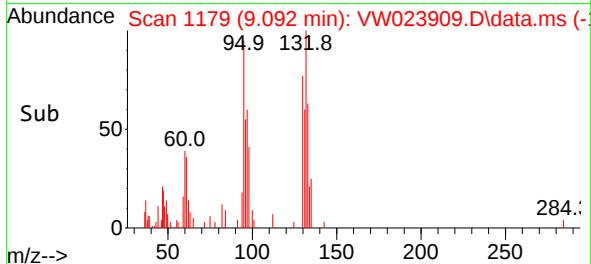
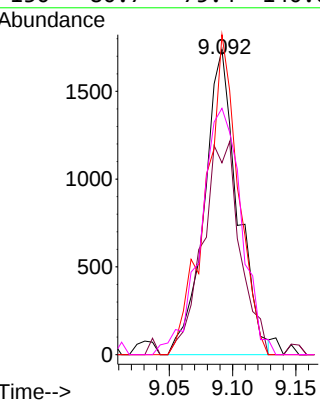
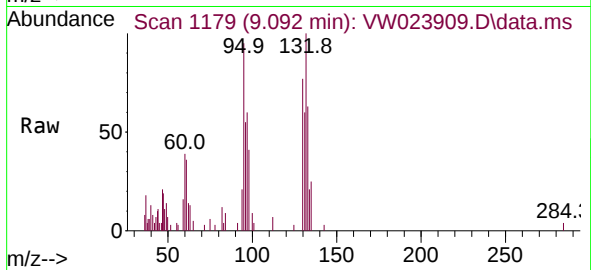
Ion Ratio Lower Upper

95 100

97 62.9 45.6 84.8

132 104.8 69.9 129.7

130 80.7 75.4 140.0



#39

cis-1,3-Dichloropropene

Concen: 0.616 ug/L

RT: 10.036 min Scan# 1334

Delta R.T. -0.036 min

Lab File: VW023909.D

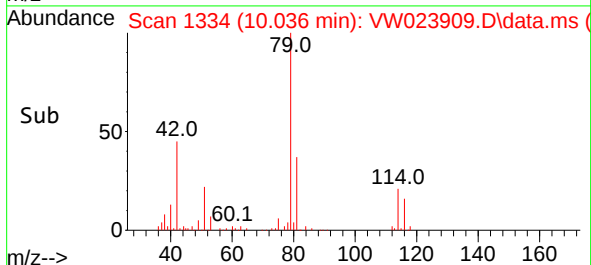
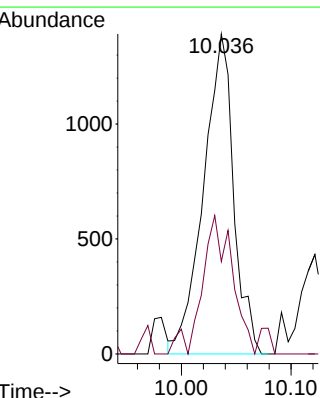
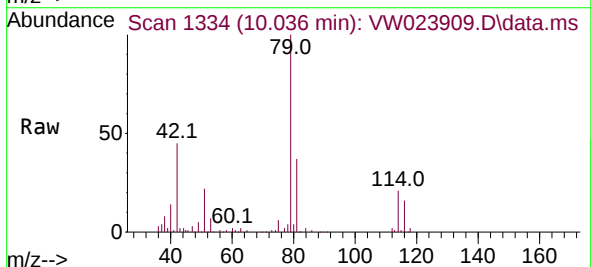
Acq: 20 Jul 2022 02:11

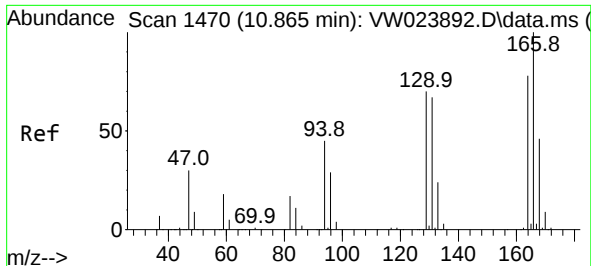
Tgt Ion: 75 Resp: 2655

Ion Ratio Lower Upper

75 100

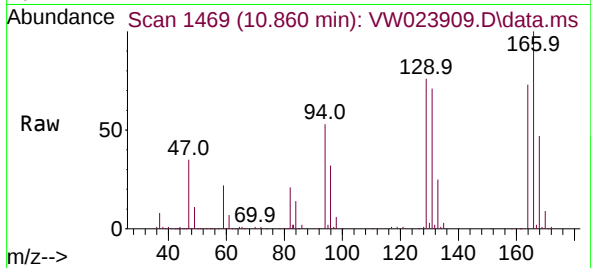
77 28.9 22.5 41.9



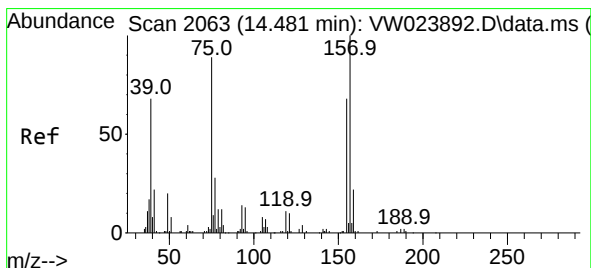
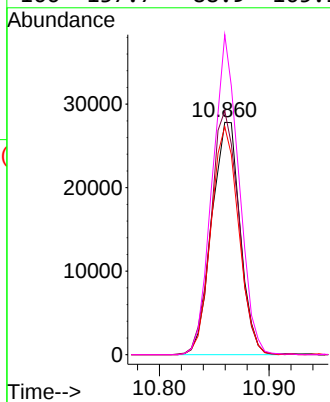
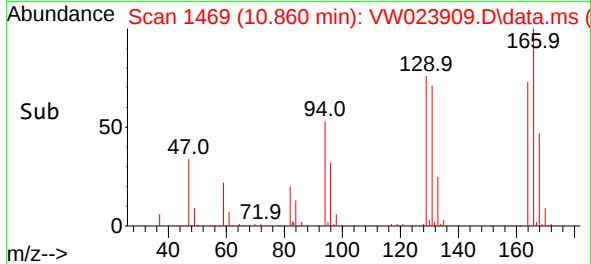


#46
Tetrachloroethene
Concen: 21.446 ug/L
RT: 10.860 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VW023909.D
Acq: 20 Jul 2022 02:11

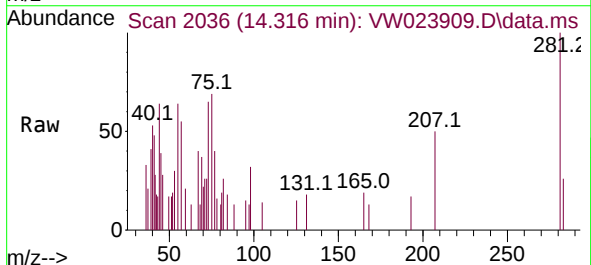
Instrument :
MSVOA_W
ClientSampleId :
F5D12



Tgt Ion:164 Resp: 49926
Ion Ratio Lower Upper
164 100
129 105.0 72.4 134.5
131 98.1 67.8 125.8
166 137.7 88.9 165.1



#68
1,2-Dibromo-3-chloropropane
Concen: 2.551 ug/L
RT: 14.316 min Scan# 2036
Delta R.T. -0.165 min
Lab File: VW023909.D
Acq: 20 Jul 2022 02:11



Tgt Ion: 75 Resp: 1004
Ion Ratio Lower Upper
75 100
155 0.0 51.7 77.5#
157 0.0 63.5 95.3#

