

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112322\
 Data File : VU052098.D
 Acq On : 23 Nov 2022 19:36
 Operator : JC/MD
 Sample : N5684-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH1J3

Quant Time: Nov 24 04:15:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 24 04:13:15 2022
 Response via : Initial Calibration

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

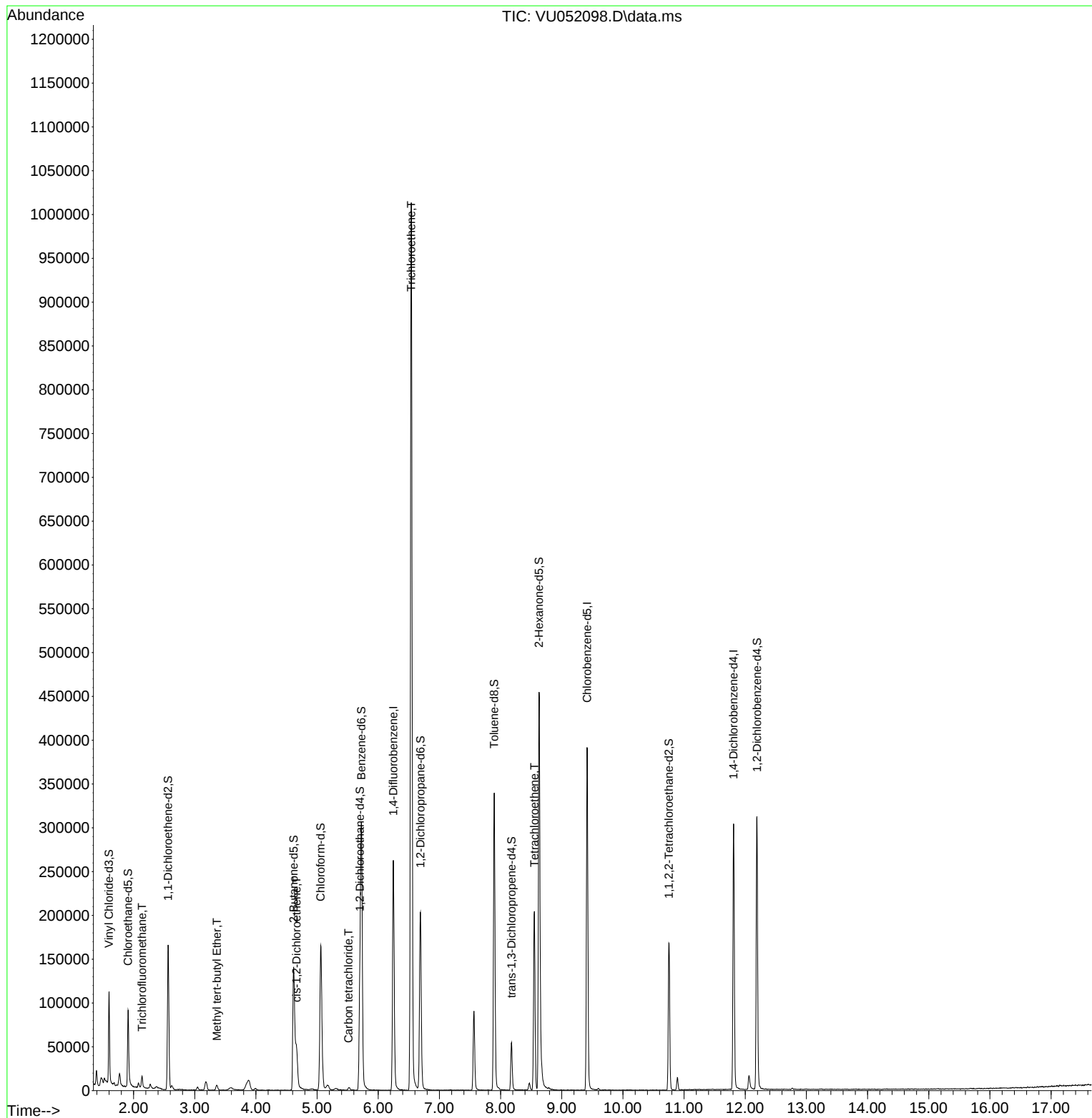
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	217911	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	227383	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	85423	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	80889	3.816	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.400%
7) Chloroethane-d5	1.909	69	74054	4.498	ug/L	0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.000%
11) 1,1-Dichloroethene-d2	2.565	65	30463	4.009	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.200%
20) 2-Butanone-d5	4.616	46	199342	51.884	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.760%
24) Chloroform-d	5.060	84	155356	4.988	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
26) 1,2-Dichloroethane-d4	5.700	65	78634	4.999	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
32) Benzene-d6	5.726	84	308747	4.574	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
36) 1,2-Dichloropropane-d6	6.690	67	103832	4.970	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.400%
41) Toluene-d8	7.896	98	237487	3.888	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.800%
43) trans-1,3-Dichloroprop...	8.179	79	31124	4.088	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.800%
46) 2-Hexanone-d5	8.629	63	156049	48.368	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.740%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	86992	4.803	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	86438	5.285	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.800%
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.137	101	8175	0.314	ug/L	98
17) Methyl tert-butyl Ether	3.362	73	5232	0.148	ug/L	97
22) cis-1,2-Dichloroethene	4.665	96	21007	1.181	ug/L	97
31) Carbon tetrachloride	5.513	117	2046	0.095	ug/L	100
34) Trichloroethene	6.539	95	358511	19.424	ug/L	98
47) Tetrachloroethene	8.552	164	46604	3.295	ug/L	95

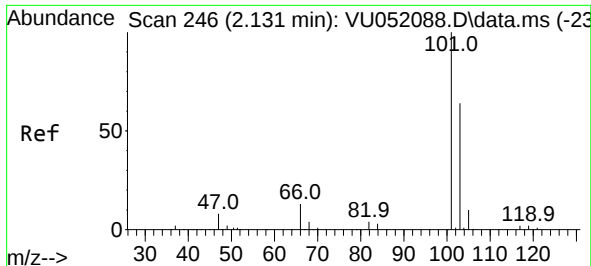
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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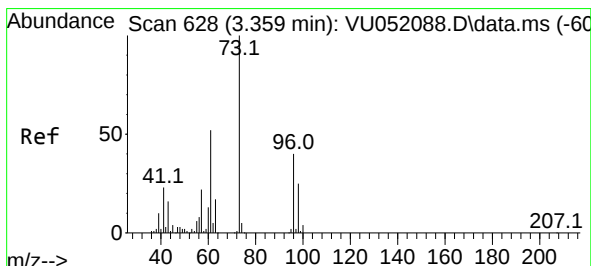
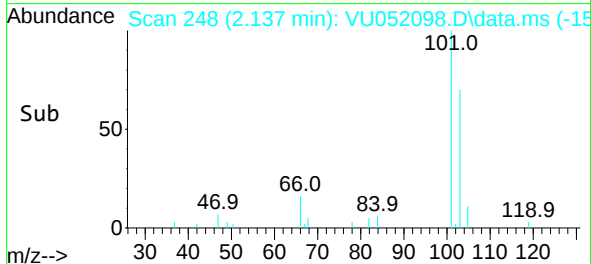
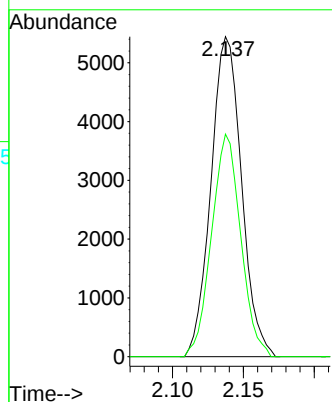
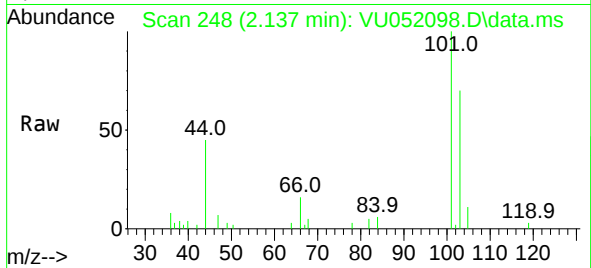




#9
 Trichlorofluoromethane
 Concen: 0.314 ug/L
 RT: 2.137 min Scan# 246
 Delta R.T. 0.006 min
 Lab File: VU052098.D
 Acq: 23 Nov 2022 19:36

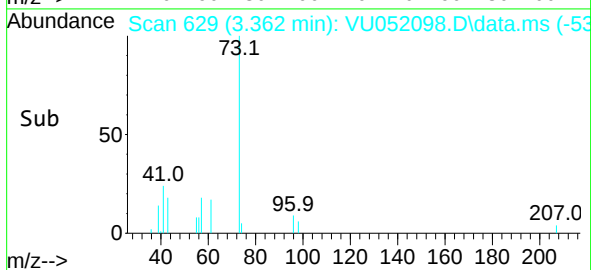
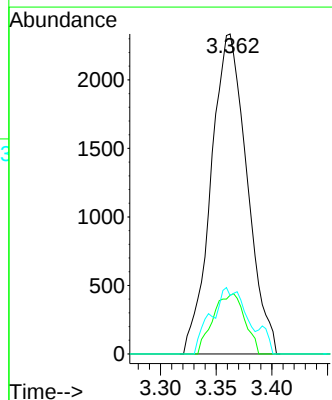
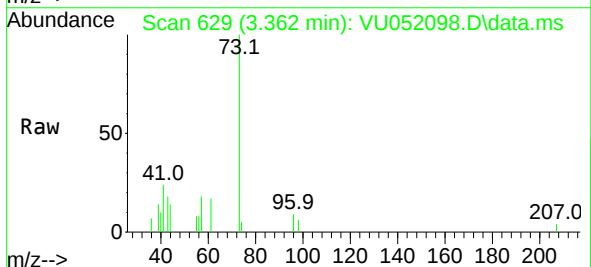
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 MSVOA_U
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 BH1J3

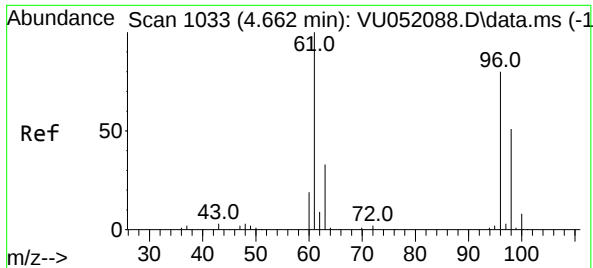
Tgt Ion:101 Resp: 8175
 Ion Ratio Lower Upper
 101 100
 103 66.2 51.6 77.4



#17
 Methyl tert-butyl Ether
 Concen: 0.148 ug/L
 RT: 3.362 min Scan# 629
 Delta R.T. 0.003 min
 Lab File: VU052098.D
 Acq: 23 Nov 2022 19:36

Tgt Ion: 73 Resp: 5232
 Ion Ratio Lower Upper
 73 100
 43 16.6 13.2 19.8
 57 19.6 17.8 26.8

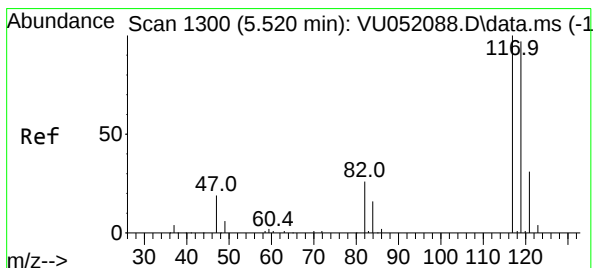
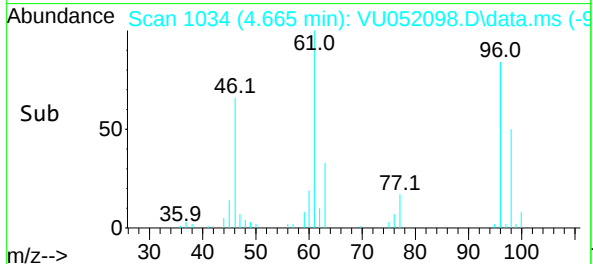
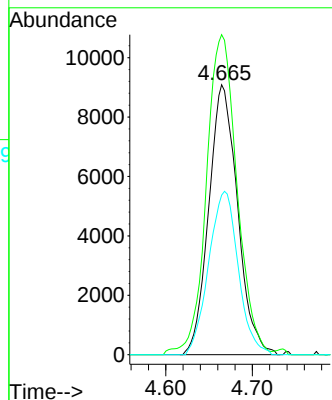
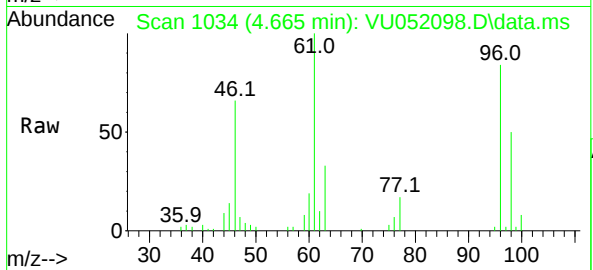




#22
 cis-1,2-Dichloroethene
 Concen: 1.181 ug/L
 RT: 4.665 min Scan# 1033
 Delta R.T. 0.003 min
 Lab File: VU052098.D
 Acq: 23 Nov 2022 19:36

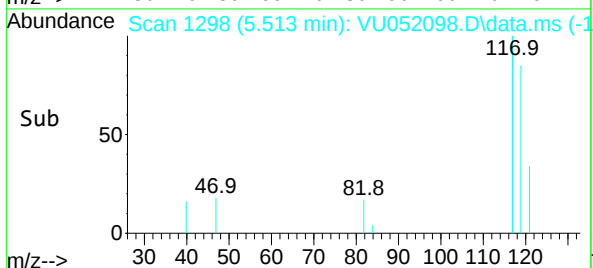
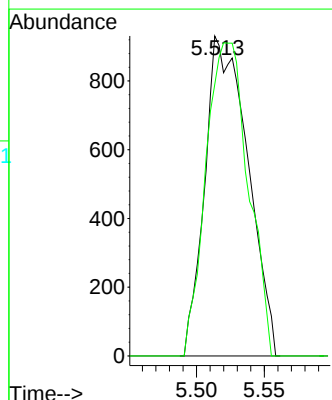
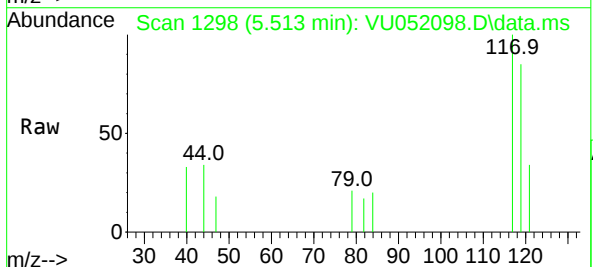
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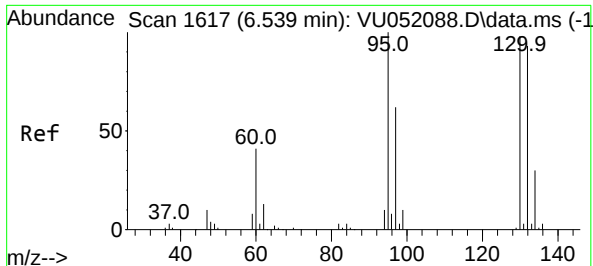
Tgt Ion: 96 Resp: 21007
 Ion Ratio Lower Upper
 96 100
 61 118.6 85.1 158.1
 98 59.1 42.8 79.6



#31
 Carbon tetrachloride
 Concen: 0.095 ug/L
 RT: 5.513 min Scan# 1298
 Delta R.T. -0.007 min
 Lab File: VU052098.D
 Acq: 23 Nov 2022 19:36

Tgt Ion: 117 Resp: 2046
 Ion Ratio Lower Upper
 117 100
 119 96.7 77.2 115.8

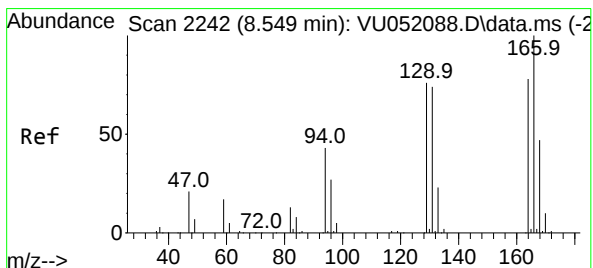
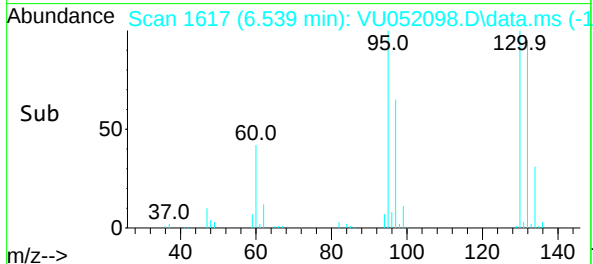
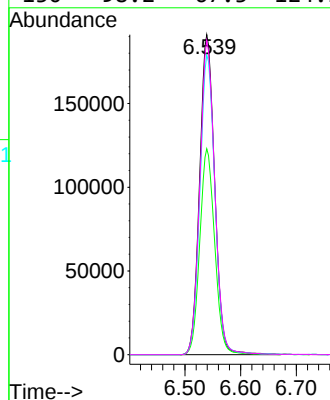
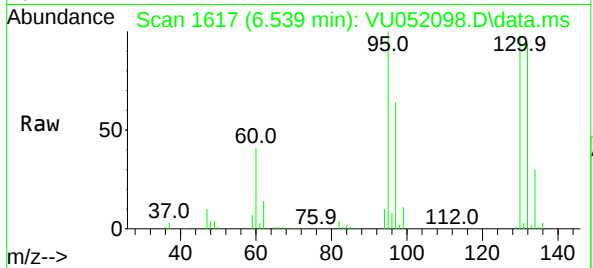




#34
Trichloroethene
Concen: 19.424 ug/L
RT: 6.539 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU052098.D
Acq: 23 Nov 2022 19:36

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 95 Resp: 358511
Ion Ratio Lower Upper
95 100
97 64.3 43.7 81.1
132 93.6 64.3 119.3
130 98.2 67.3 124.9



#47
Tetrachloroethene
Concen: 3.295 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.003 min
Lab File: VU052098.D
Acq: 23 Nov 2022 19:36

Tgt Ion: 164 Resp: 46604
Ion Ratio Lower Upper
164 100
129 93.8 67.4 125.2
131 90.6 67.1 124.7
166 120.4 89.7 166.5

