

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072324\
 Data File : VW036649.D
 Acq On : 23 Jul 2024 16:17
 Operator : SY/MD
 Sample : P3276-07
 Misc : 9.44g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E20H6

Quant Time: Jul 24 01:01:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072224SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 24 00:57:38 2024
 Response via : Initial Calibration

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

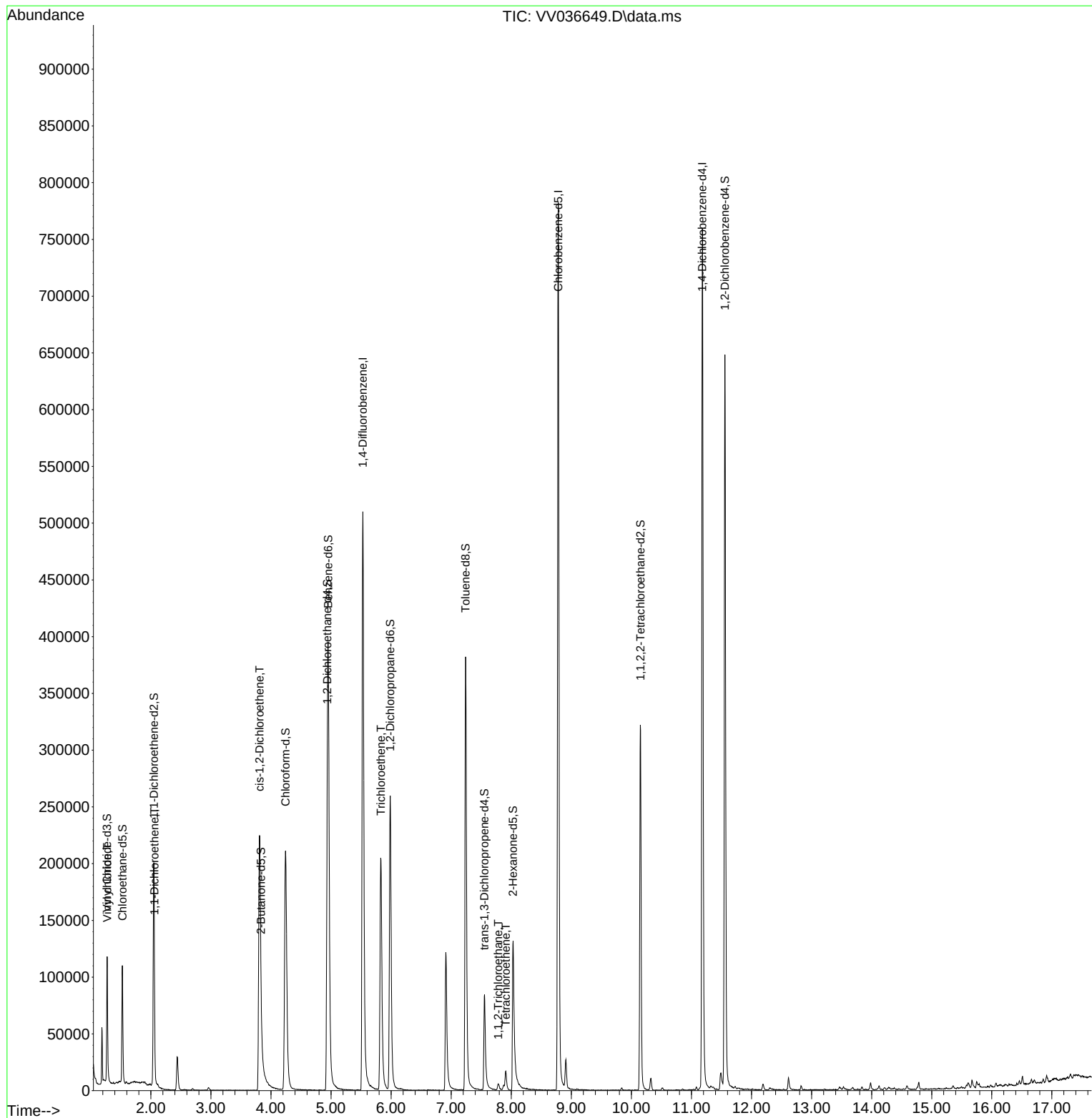
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	489798	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	476145	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	219881	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	61792	11.519	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	46.080%
7) Chloroethane-d5	1.526	69	68596	14.158	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.640%
11) 1,1-Dichloroethene-d2	2.050	65	31170	10.989	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	43.960%#
21) 2-Butanone-d5	3.834	46	63278	50.544	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.080%
24) Chloroform-d	4.243	84	238142	18.384	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	73.520%
26) 1,2-Dichloroethane-d4	4.937	65	138494	21.671	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.680%
32) Benzene-d6	4.953	84	347420	15.395	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	61.600%
36) 1,2-Dichloropropane-d6	5.985	67	124733	19.399	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	77.600%
41) Toluene-d8	7.239	98	279884	12.996	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	52.000%
43) trans-1,3-Dichloroprop...	7.555	79	56710	19.840	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	79.360%
47) 2-Hexanone-d5	8.030	63	52637	61.512	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.020%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	151013	26.946	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.800%
66) 1,2-Dichlorobenzene-d4	11.558	152	183660	23.928	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.720%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.275	62	12149	1.537	ug/L	92
12) 1,1-Dichloroethene	2.060	96	4209	0.557	ug/L #	1
20) cis-1,2-Dichloroethene	3.809	96	132213	16.590	ug/L	99
34) Trichloroethene	5.831	95	67389	7.615	ug/L	97
45) 1,1,2-Trichloroethane	7.783	97	2612	0.430	ug/L	88
46) Tetrachloroethene	7.908	164	4502	0.513	ug/L	98

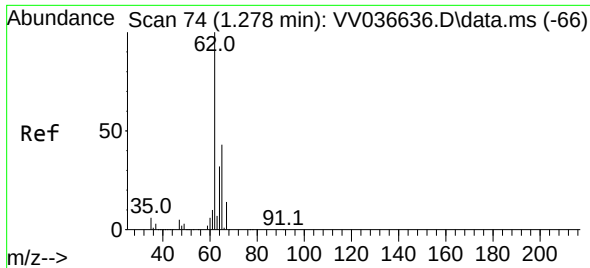
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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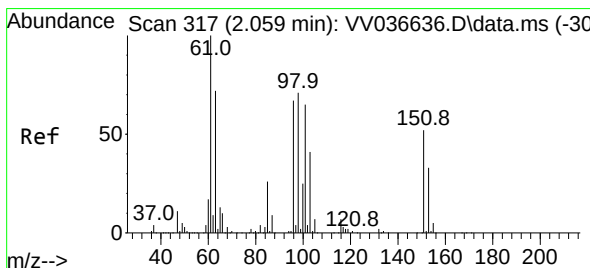
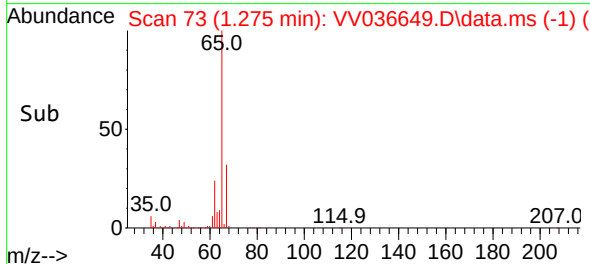
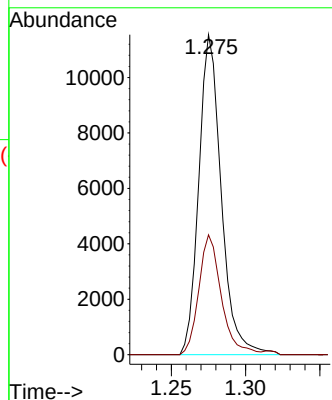
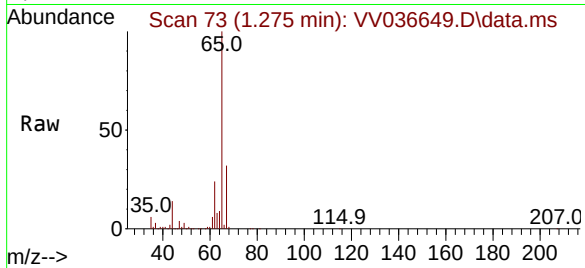




#5
 Vinyl chloride
 Concen: 1.537 ug/L
 RT: 1.275 min Scan# 74
 Delta R.T. -0.003 min
 Lab File: VV036649.D
 Acq: 23 Jul 2024 16:17

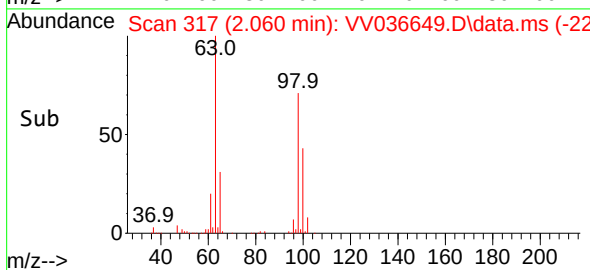
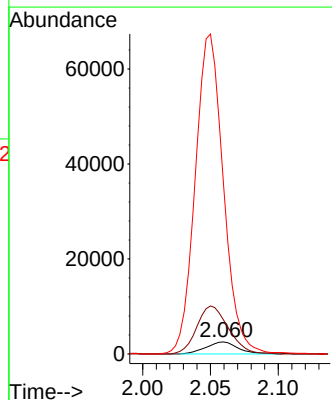
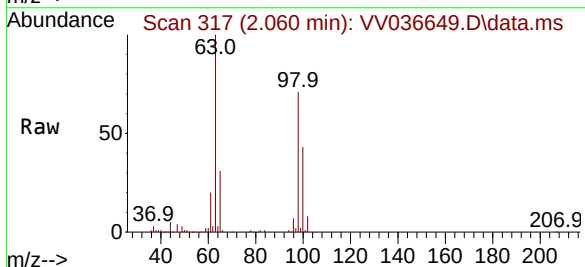
Instrument :
 MSVOA_V
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 E20H6

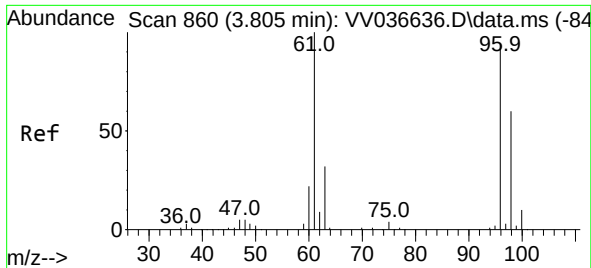
Tgt Ion: 62 Resp: 12149
 Ion Ratio Lower Upper
 62 100
 64 37.4 23.1 42.9



#12
 1,1-Dichloroethene
 Concen: 0.557 ug/L
 RT: 2.060 min Scan# 317
 Delta R.T. 0.000 min
 Lab File: VV036649.D
 Acq: 23 Jul 2024 16:17

Tgt Ion: 96 Resp: 4209
 Ion Ratio Lower Upper
 96 100
 61 281.4 102.3 189.9#
 63 1405.3 64.1 119.1#

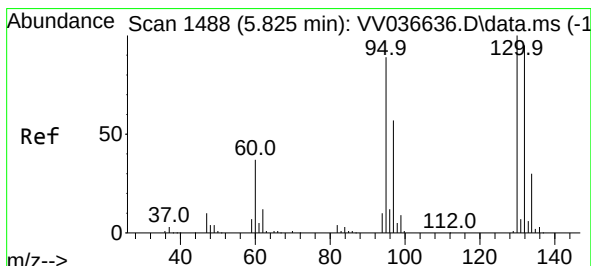
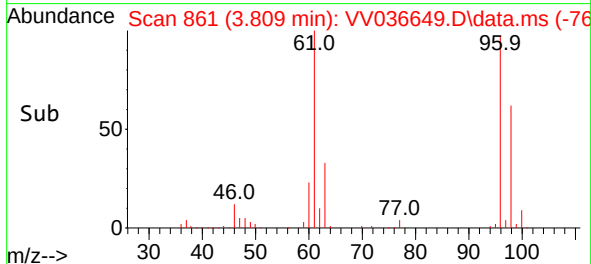
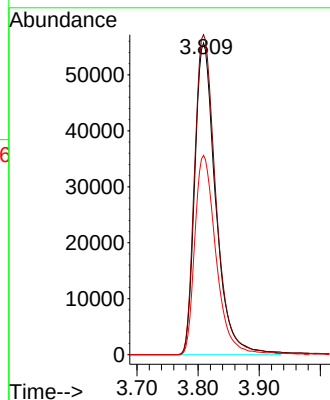
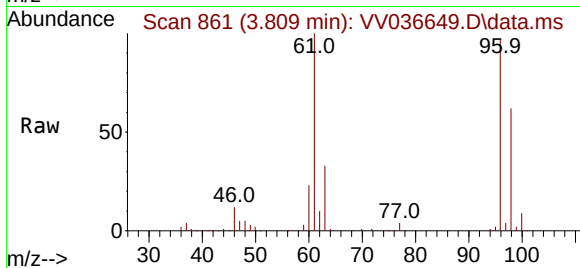




#20
cis-1,2-Dichloroethene
Concen: 16.590 ug/L
RT: 3.809 min Scan# 80
Delta R.T. 0.003 min
Lab File: VV036649.D
Acq: 23 Jul 2024 16:17

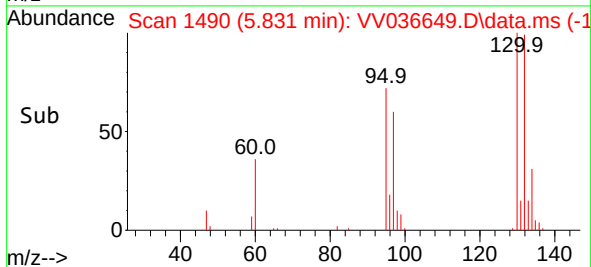
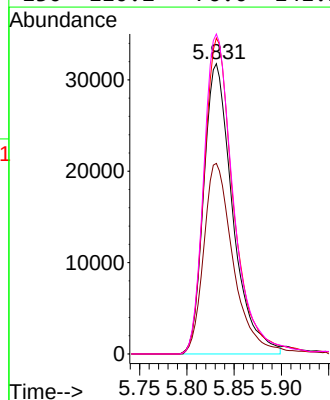
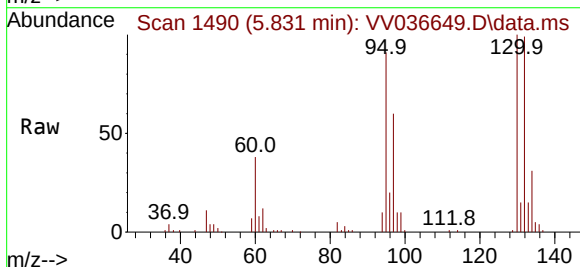
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E20H6

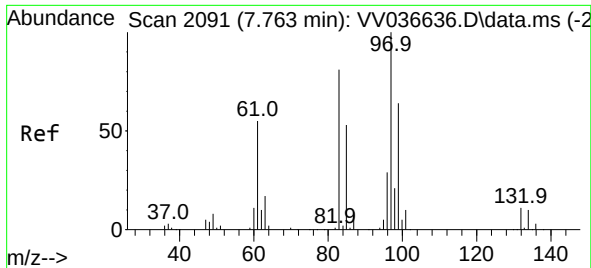
Tgt Ion: 96 Resp: 132213
Ion Ratio Lower Upper
96 100
61 102.7 73.0 135.6
98 64.0 44.8 83.2



#34
Trichloroethene
Concen: 7.615 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. 0.007 min
Lab File: VV036649.D
Acq: 23 Jul 2024 16:17

Tgt Ion: 95 Resp: 67389
Ion Ratio Lower Upper
95 100
97 65.7 45.1 83.7
132 108.8 72.7 134.9
130 110.2 76.0 141.2

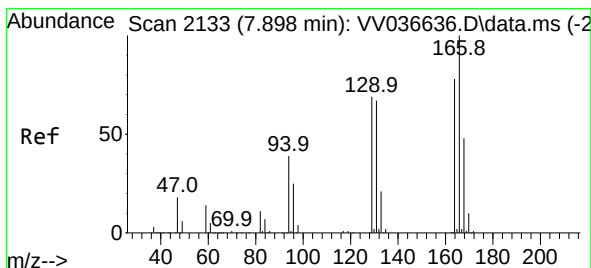
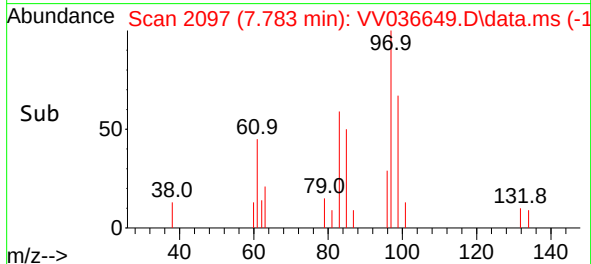
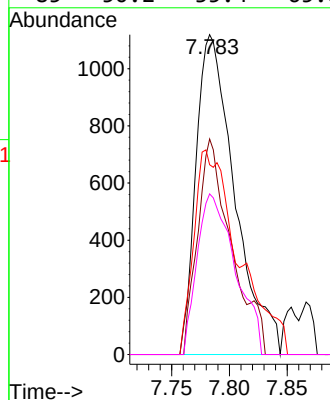
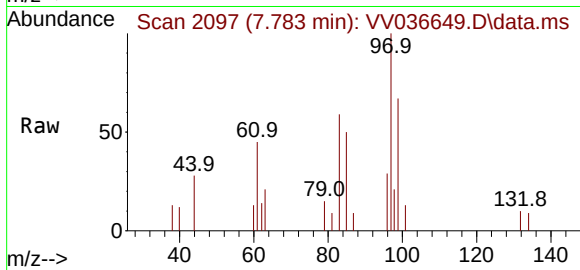




#45
1,1,2-Trichloroethane
Concen: 0.430 ug/L
RT: 7.783 min Scan# 2091
Delta R.T. 0.019 min
Lab File: VV036649.D
Acq: 23 Jul 2024 16:17

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MSVOA_V
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E20H6

Tgt Ion: 97	Resp: 2612
Ion Ratio	Lower Upper
97 100	
99 67.4	43.5 80.7
83 59.3	55.4 103.0
85 50.2	35.4 65.8



#46
Tetrachloroethene
Concen: 0.513 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.010 min
Lab File: VV036649.D
Acq: 23 Jul 2024 16:17

Tgt Ion:164	Resp: 4502
Ion Ratio	Lower Upper
164 100	
129 82.6	61.0 113.2
131 84.5	60.1 111.5
166 127.0	89.7 166.7

