

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080422\
 Data File : VX030395.D
 Acq On : 04 Aug 2022 16:40
 Operator : JC/MD
 Sample : N4003-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F5D32

Quant Time: Aug 05 05:26:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXMLM080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 05 05:25:14 2022
 Response via : Initial Calibration

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

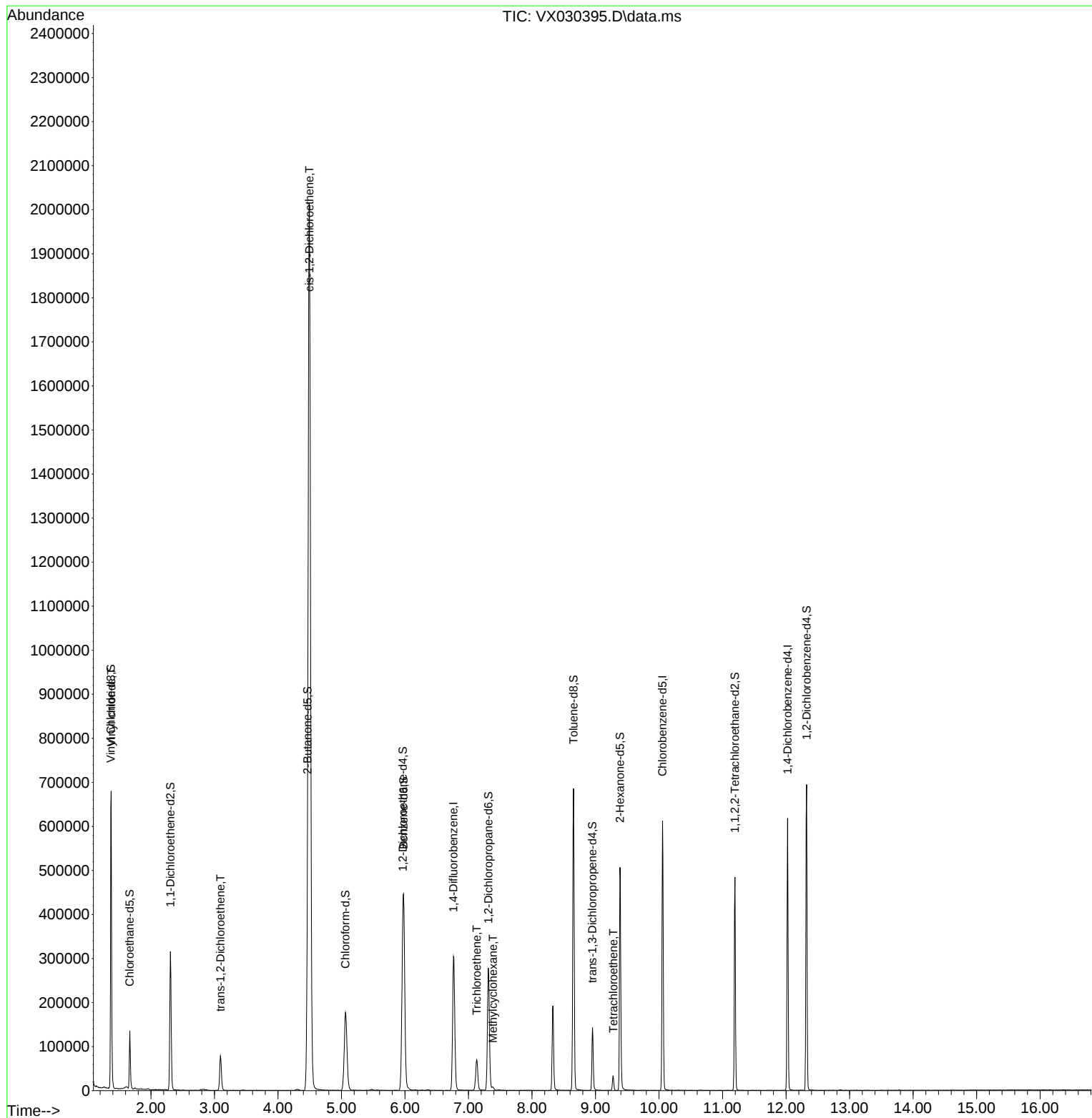
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	298406	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	259181	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	115514	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	108933	56.845	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	= 113.700%		
7) Chloroethane-d5	1.666	69	79731	59.021	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	= 118.040%		
11) 1,1-Dichloroethene-d2	2.307	63	171454	47.299	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 94.600%		
21) 2-Butanone-d5	4.465	46	207829	117.050	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	= 117.050%		
24) Chloroform-d	5.062	84	212133	53.776	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 107.560%		
26) 1,2-Dichloroethane-d4	5.964	65	149754	55.909	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 111.820%		
32) Benzene-d6	5.977	84	431747	58.154	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 116.300%		
36) 1,2-Dichloropropane-d6	7.312	67	135980	56.453	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	= 112.900%		
41) Toluene-d8	8.653	98	394673	56.397	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 112.800%		
43) trans-1,3-Dichloroprop...	8.952	79	64001	53.410	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 106.820%		
47) 2-Hexanone-d5	9.385	63	140515	114.447	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	= 114.450%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	183186	57.892	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	= 115.780%		
66) 1,2-Dichlorobenzene-d4	12.323	152	137000	61.147	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 122.300%#		
Target Compounds						
5) Vinyl chloride	1.374	62	357569	173.380	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	30634	15.832	ug/L	97
20) cis-1,2-Dichloroethene	4.495	96	1186748	545.213	ug/L	98
34) Trichloroethene	7.129	95	25116	10.436	ug/L	85
35) Methylcyclohexane	7.385	83	2621	0.748	ug/L	95
46) Tetrachloroethene	9.281	164	5547	3.647	ug/L	85

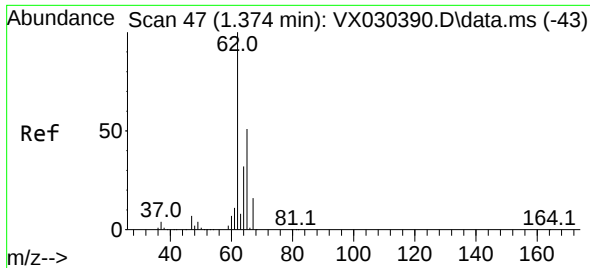
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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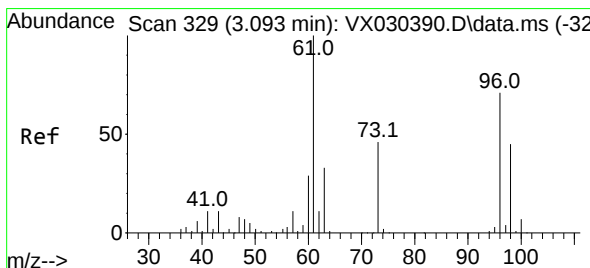
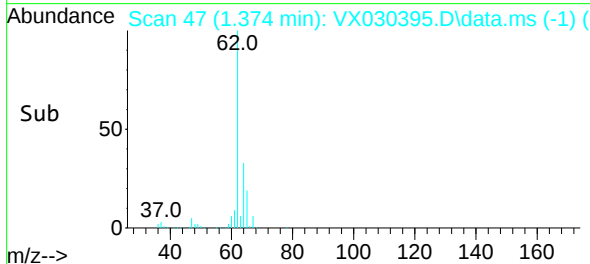
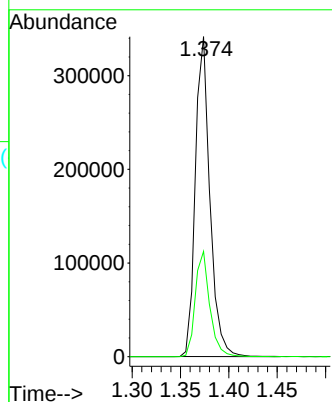
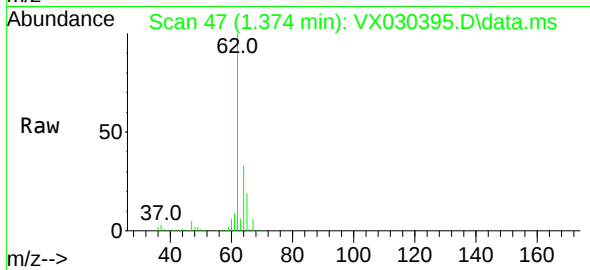




#5
 Vinyl chloride
 Concen: 173.380 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX030395.D
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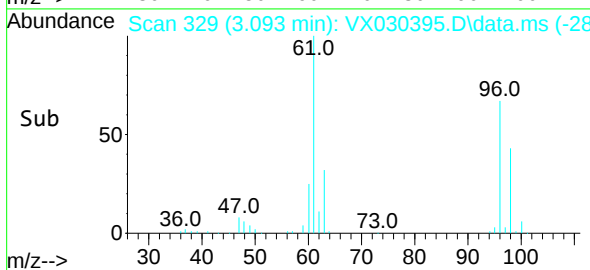
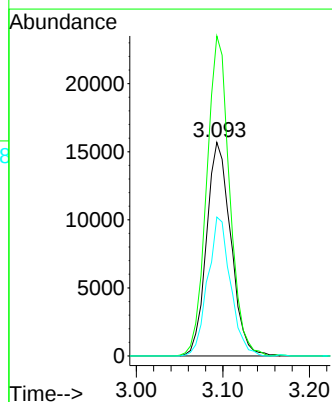
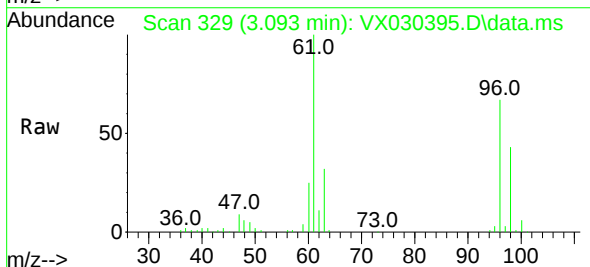
Instrument :
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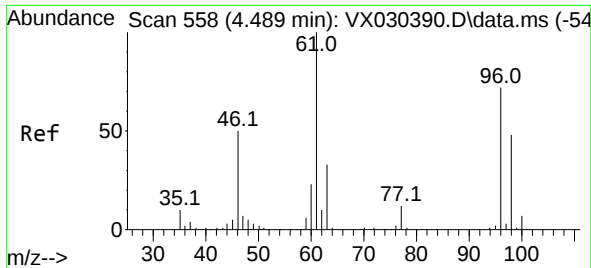
Tgt Ion: 62 Resp: 357569
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.8 44.2



#17
 trans-1,2-Dichloroethene
 Concen: 15.832 ug/L
 RT: 3.093 min Scan# 329
 Delta R.T. 0.000 min
 Lab File: VX030395.D
 Acq: 04 Aug 2022 16:40

Tgt Ion: 96 Resp: 30634
 Ion Ratio Lower Upper
 96 100
 61 149.8 103.7 192.5
 98 65.0 41.5 77.1

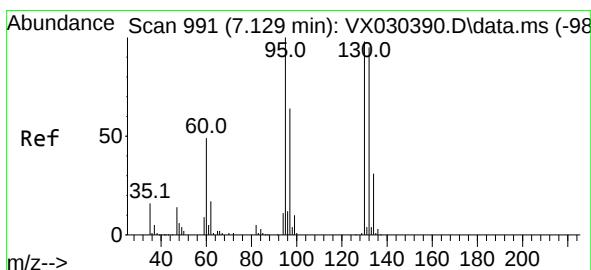
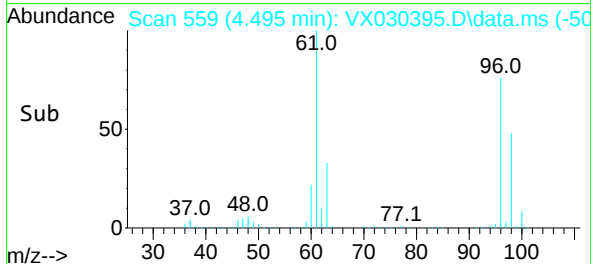
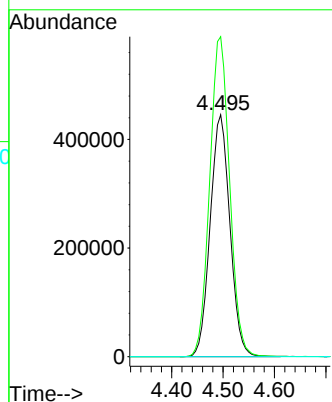
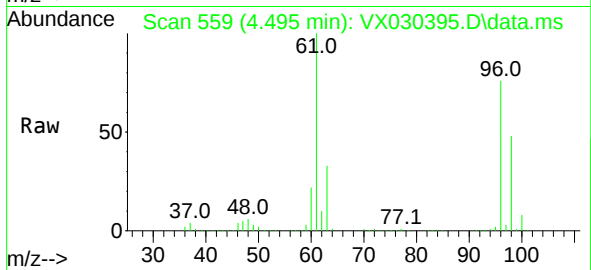




#20
cis-1,2-Dichloroethene
Concen: 545.213 ug/L
RT: 4.495 min Scan# 511
Delta R.T. 0.006 min
Lab File: VX030395.D
Acq: 04 Aug 2022 16:40

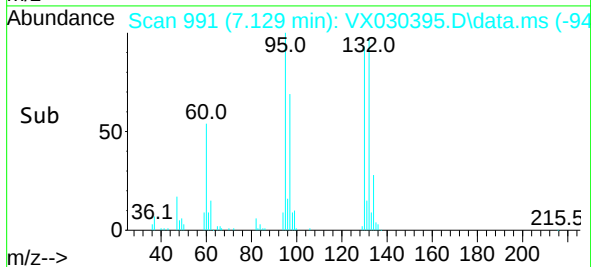
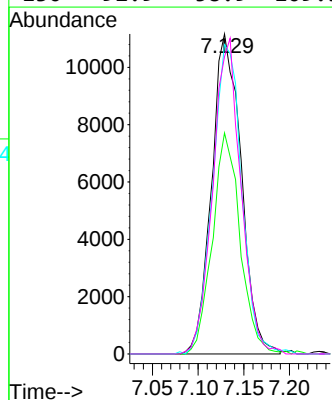
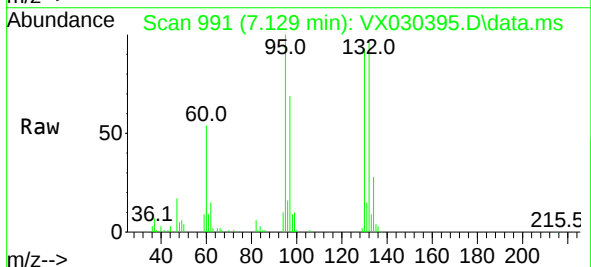
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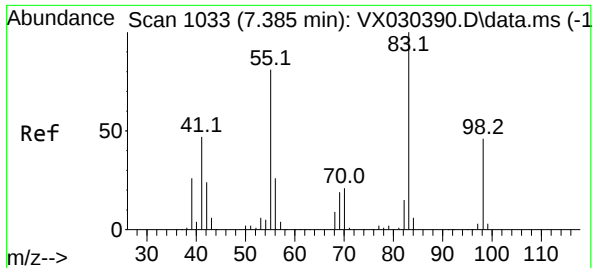
Tgt Ion: 96 Resp: 1186748
Ion Ratio Lower Upper
96 100
61 132.3 94.0 174.6
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 10.436 ug/L
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX030395.D
Acq: 04 Aug 2022 16:40

Tgt Ion: 95 Resp: 25116
Ion Ratio Lower Upper
95 100
97 69.1 40.2 74.6
132 96.7 55.3 102.7
130 92.9 58.9 109.5

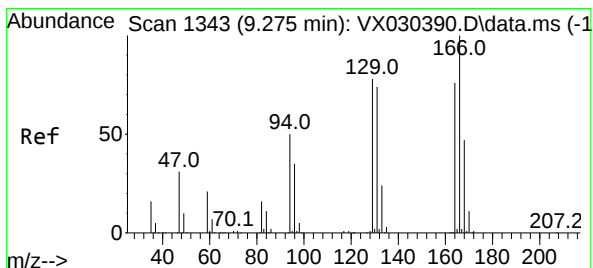
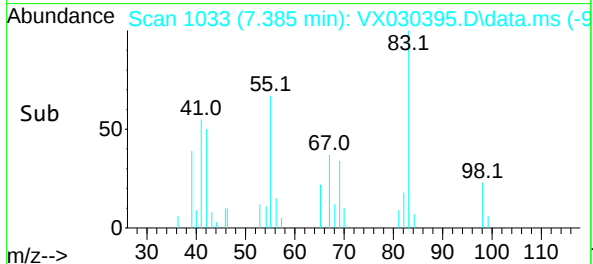
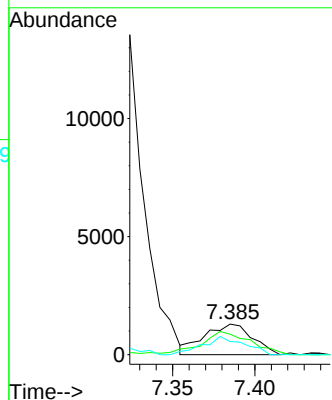
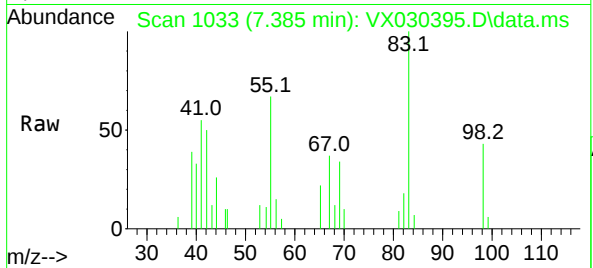




#35
Methylcyclohexane
Concen: 0.748 ug/L
RT: 7.385 min Scan# 1033
Delta R.T. 0.000 min
Lab File: VX030395.D
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Instrument :
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Tgt Ion: 83 Resp: 2621
Ion Ratio Lower Upper
83 100
55 77.3 64.0 96.0
98 51.3 36.7 55.1



#46
Tetrachloroethene
Concen: 3.647 ug/L
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX030395.D
Acq: 04 Aug 2022 16:40

Tgt Ion: 164 Resp: 5547
Ion Ratio Lower Upper
164 100
129 81.9 72.7 135.1
131 87.1 69.9 129.9
166 113.4 88.3 164.1

