

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041823\
 Data File : VW030635.D
 Acq On : 18 Apr 2023 22:16
 Operator : SY/MD
 Sample : 02334-09 200X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COMJ3

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/19/2023
 Supervised By : Mahesh Dadoda 04/20/2023

Quant Time: Apr 19 01:48:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 18 02:45:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	242558	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	230407	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	109040	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	61807	34.759	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	69.520%		
7) Chloroethane-d5	1.535	69	54518	36.587	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	73.180%		
11) 1,1-Dichloroethene-d2	2.066	65	32026	37.979	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	75.960%		
21) 2-Butanone-d5	3.799	46	80541	82.466	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	82.470%		
24) Chloroform-d	4.259	84	129566m	40.208	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.420%		
26) 1,2-Dichloroethane-d4	4.953	65	88529	42.732	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.460%		
32) Benzene-d6	4.969	84	230640	42.339	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.680%		
36) 1,2-Dichloropropane-d6	5.998	67	75124	44.396	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	88.800%		
41) Toluene-d8	7.252	98	200955	39.290	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	78.580%#		
43) trans-1,3-Dichloroprop...	7.561	79	33574	39.366	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	78.740%		
47) 2-Hexanone-d5	8.034	63	54642	81.972	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	81.970%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	103522	42.162	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	84.320%		
66) 1,2-Dichlorobenzene-d4	11.570	152	84155	48.556	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.120%		
Target Compounds					Qvalue	
33) Benzene	5.021	78	512139	73.197	ug/L	100
51) Chlorobenzene	8.821	112	372646	75.080	ug/L	100
64) 1,3-Dichlorobenzene	11.130	146	5340	1.568	ug/L	89
65) 1,4-Dichlorobenzene	11.217	146	100796	28.076	ug/L	97
67) 1,2-Dichlorobenzene	11.590	146	73682	21.452	ug/L	99
70) 1,2,4-trichlorobenzene	13.210	180	5362	2.455	ug/L	93

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

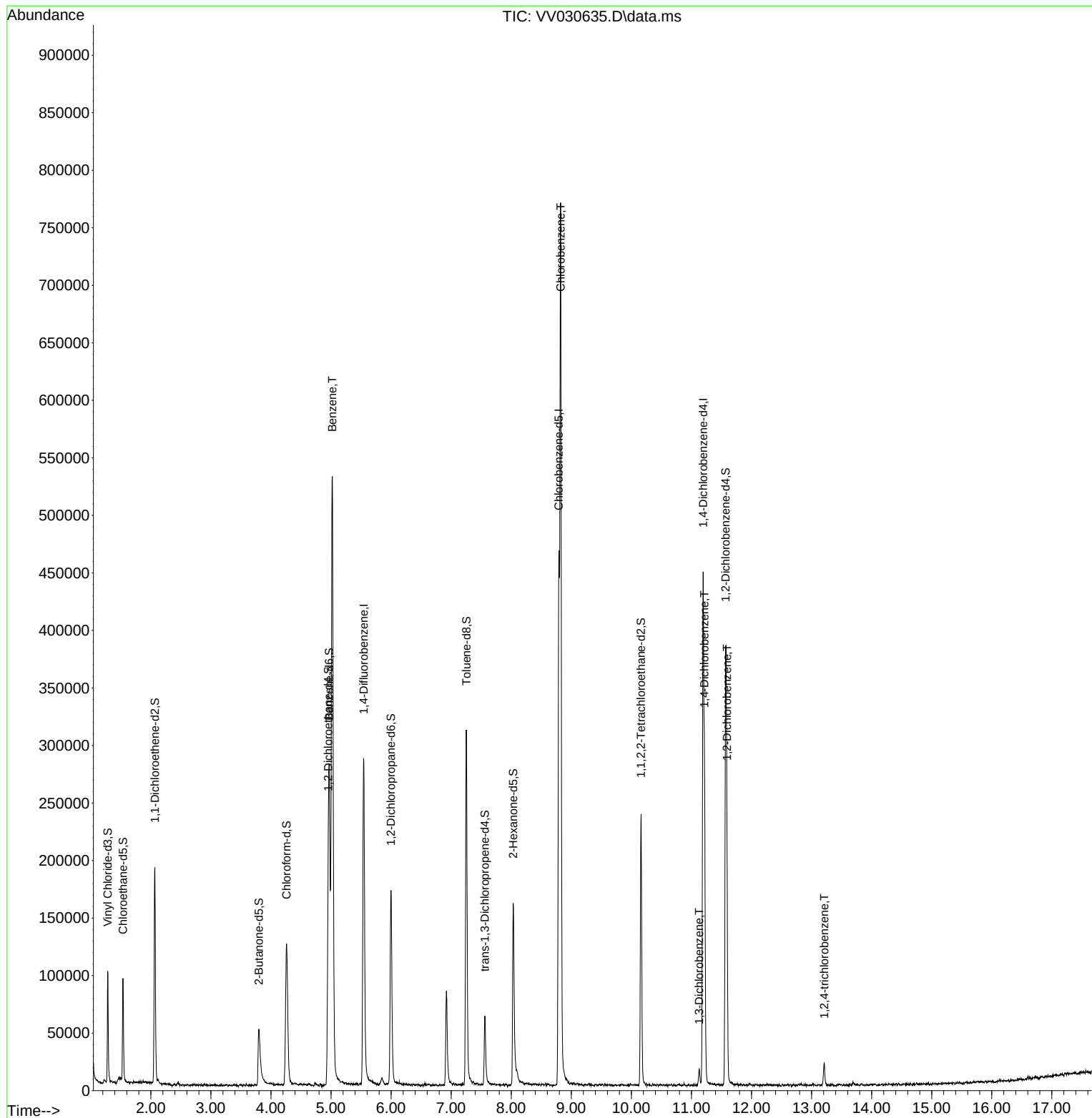
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041823\
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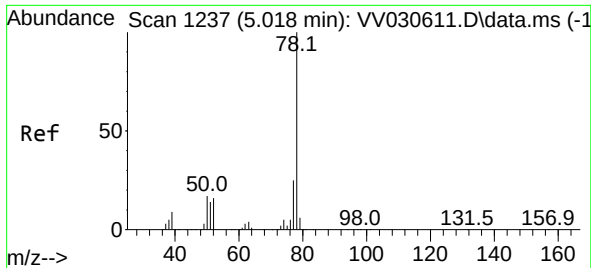
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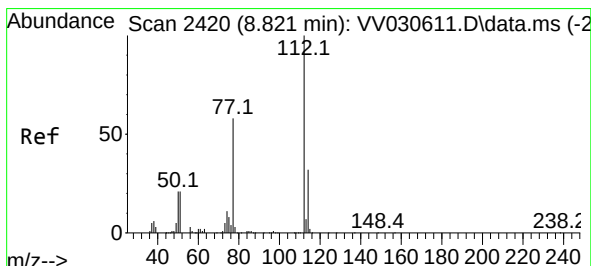
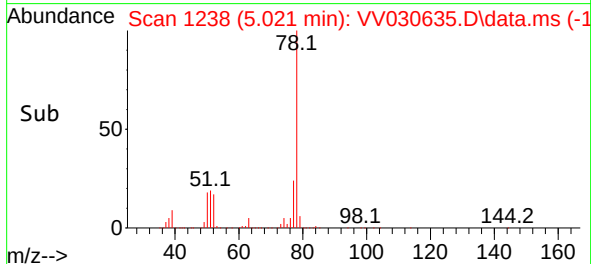
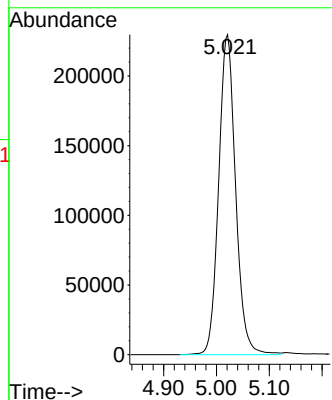
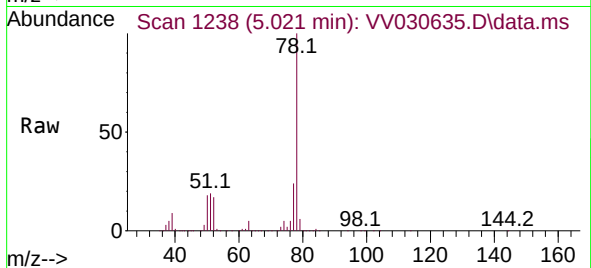
#33
Benzene
Concen: 73.197 ug/L
RT: 5.021 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV030635.D
Acq: 18 Apr 2023 22:16

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Tgt Ion: 78 Resp: 512139

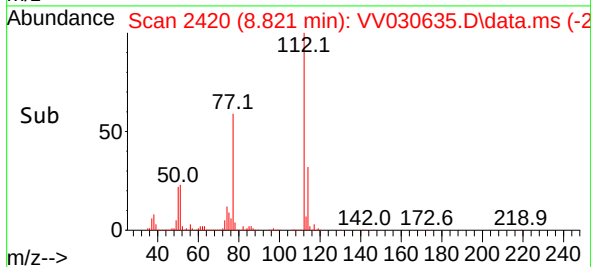
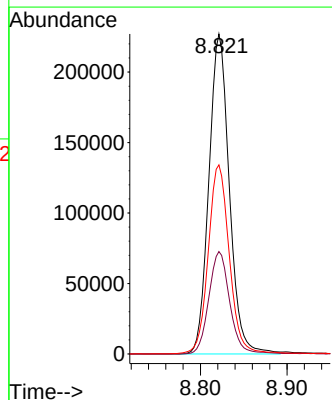
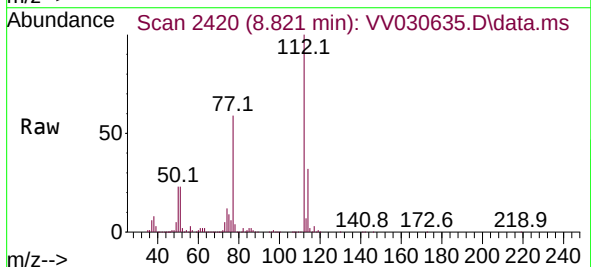
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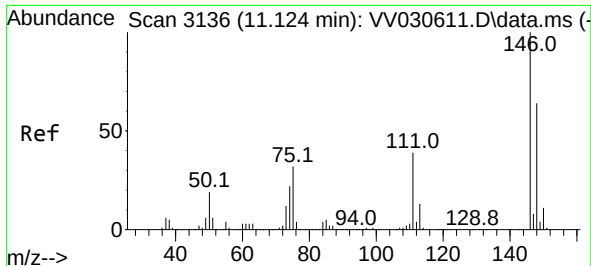
Reviewed By :John Carlone 04/19/2023
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#51
Chlorobenzene
Concen: 75.080 ug/L
RT: 8.821 min Scan# 2420
Delta R.T. -0.000 min
Lab File: VV030635.D
Acq: 18 Apr 2023 22:16

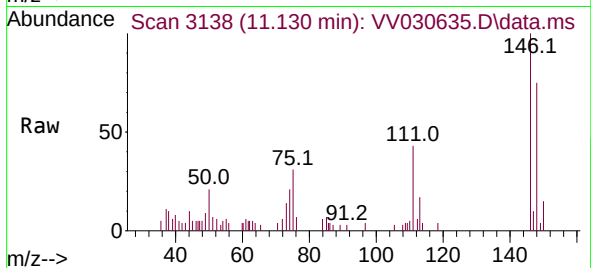
Tgt Ion:112 Resp: 372646
Ion Ratio Lower Upper
112 100
114 32.0 22.4 41.6
77 59.1 47.4 71.0





#64
1,3-Dichlorobenzene
Concen: 1.568 ug/L
RT: 11.130 min Scan# 3138
Delta R.T. 0.006 min
Lab File: VV030635.D
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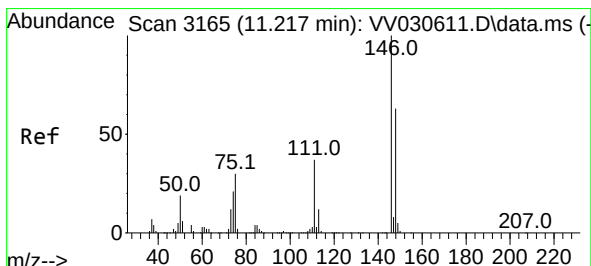
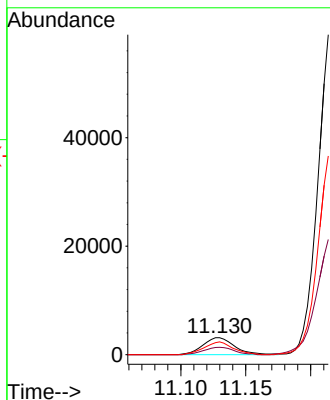
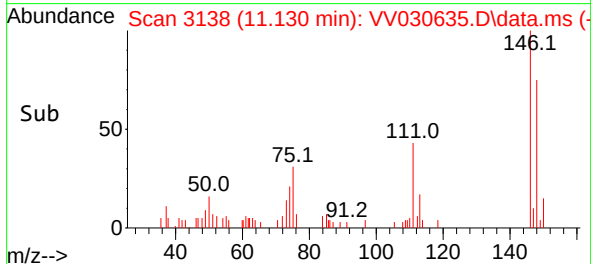
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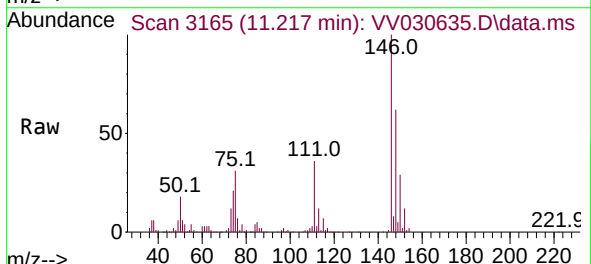
Tgt Ion:146 Resp: 5340
Ion Ratio Lower Upper
146 100
111 43.0 27.0 50.2
148 74.8 44.8 83.2

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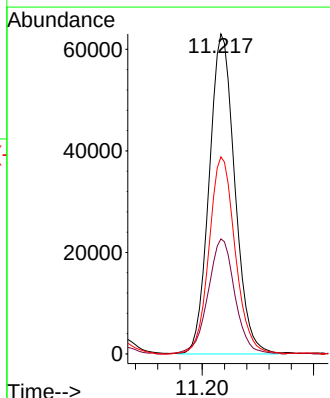
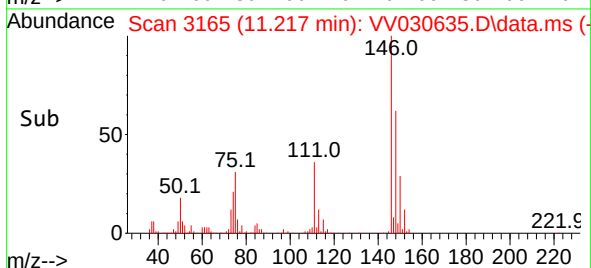
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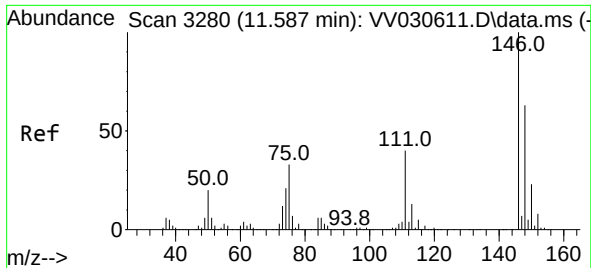


#65
1,4-Dichlorobenzene
Concen: 28.076 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. -0.000 min
Lab File: VV030635.D
Acq: 18 Apr 2023 22:16



Tgt Ion:146 Resp: 100796
Ion Ratio Lower Upper
146 100
111 35.9 26.5 49.1
148 61.6 44.7 83.1





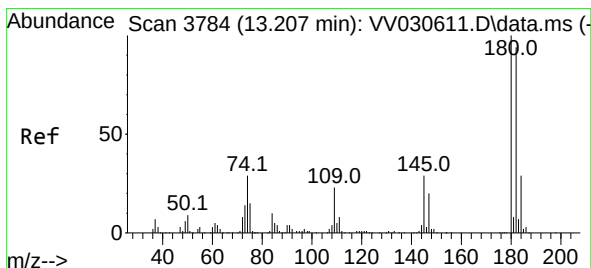
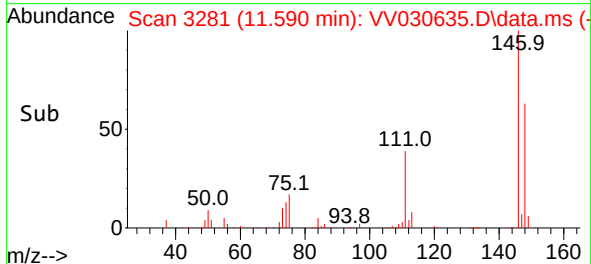
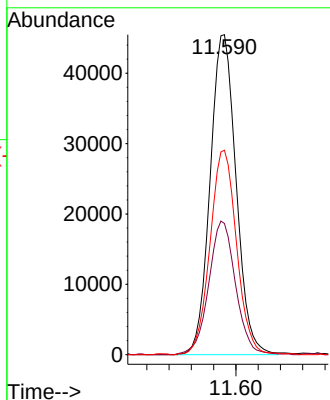
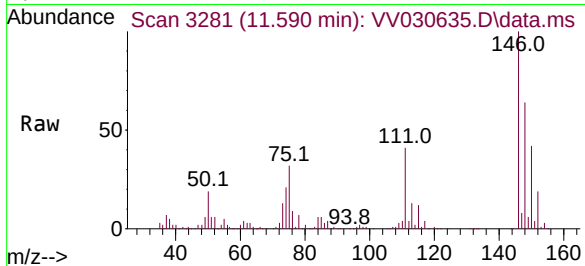
#67
1,2-Dichlorobenzene
Concen: 21.452 ug/L
RT: 11.590 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV030635.D
Acq: 18 Apr 2023 22:16

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Tgt Ion:146 Resp: 7368
Ion Ratio Lower Upper
146 100
111 41.0 32.0 48.0
148 63.9 50.6 76.0

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#70
1,2,4-trichlorobenzene
Concen: 2.455 ug/L
RT: 13.210 min Scan# 3785
Delta R.T. 0.003 min
Lab File: VV030635.D
Acq: 18 Apr 2023 22:16

Tgt Ion:180 Resp: 5362
Ion Ratio Lower Upper
180 100
182 102.8 75.9 113.9
145 30.8 23.4 35.2

