

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041822\
 Data File : VU048115.D
 Acq On : 18 Apr 2022 12:58
 Operator : SY/MD
 Sample : N2419-05
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J52

Quant Time: Apr 19 03:39:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 19 03:36:43 2022
 Response via : Initial Calibration

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

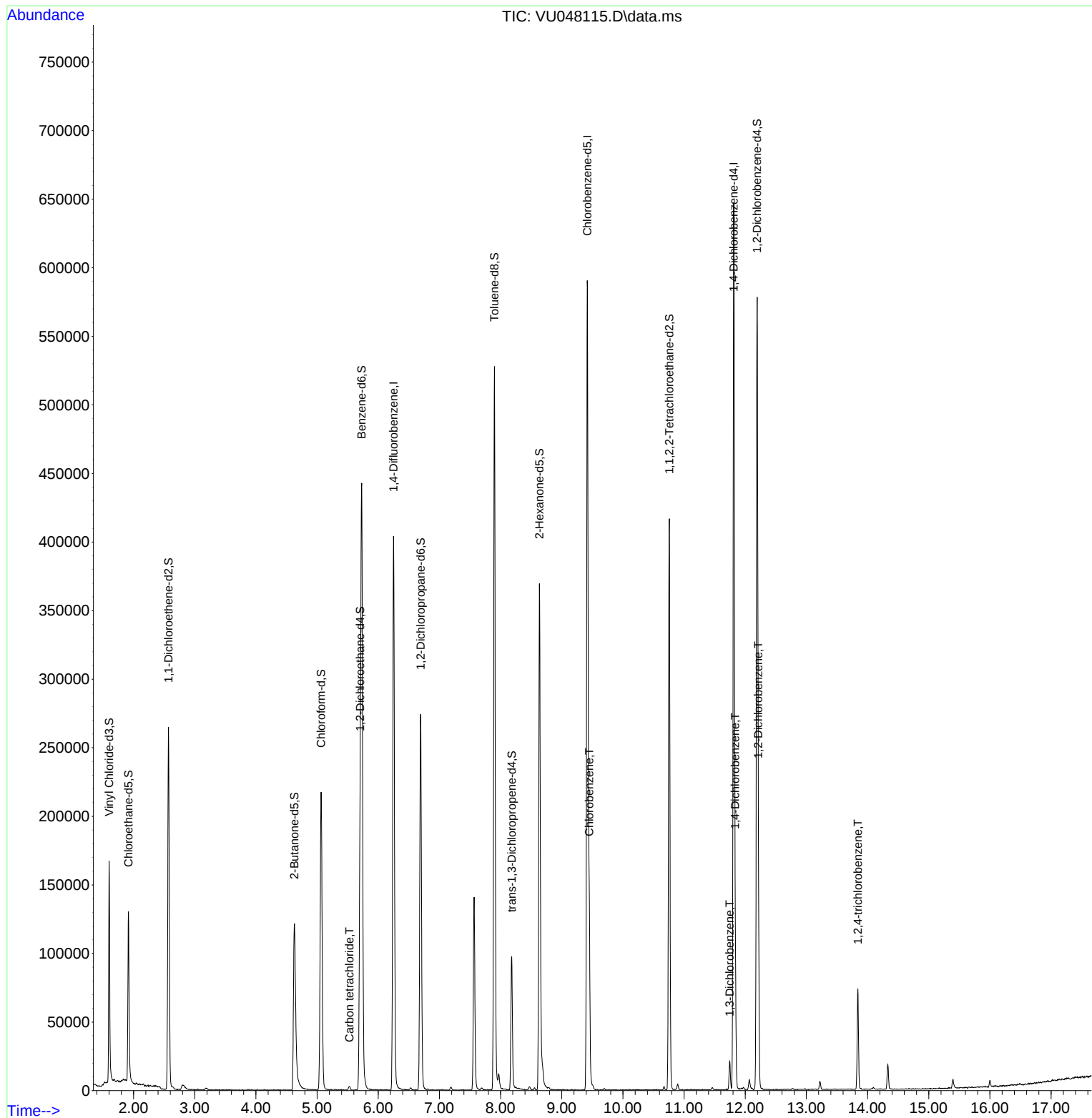
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	351418	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	353718	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	182790	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	121355	47.621	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.240%
7) Chloroethane-d5	1.915	69	98932	49.235	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.460%
11) 1,1-Dichloroethene-d2	2.571	63	152923	32.799	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.600%
21) 2-Butanone-d5	4.629	46	184568	84.381	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.380%
24) Chloroform-d	5.066	84	205931	44.164	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.320%
26) 1,2-Dichloroethane-d4	5.703	65	129984	45.452	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.900%
32) Benzene-d6	5.729	84	421785	47.389	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.780%
36) 1,2-Dichloropropane-d6	6.693	67	136957	50.104	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.200%
41) Toluene-d8	7.899	98	364470	42.030	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.060%
43) trans-1,3-Dichloroprop...	8.182	79	57129	41.254	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.500%
47) 2-Hexanone-d5	8.635	63	127920	79.942	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	79.940%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	205886	43.889	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.780%
66) 1,2-Dichlorobenzene-d4	12.195	152	158320	48.684	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.360%
Target Compounds						
					Qvalue	
31) Carbon tetrachloride	5.526	117	1798	0.496	ug/L	96
51) Chlorobenzene	9.449	112	73932	9.692	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	8924	1.625	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	37536	6.600	ug/L	97
67) 1,2-Dichlorobenzene	12.214	146	52099	9.483	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	24323	6.227	ug/L	97

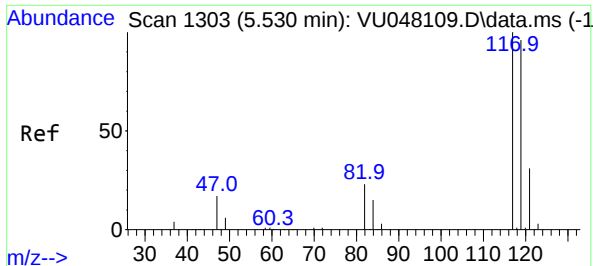
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Apr 19 03:36:43 2022
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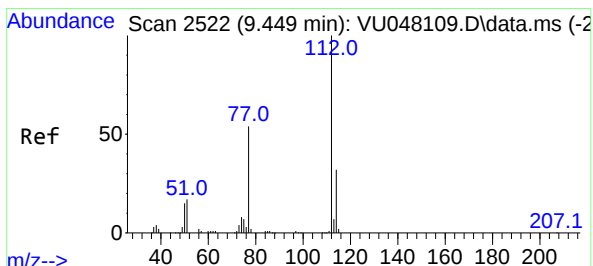
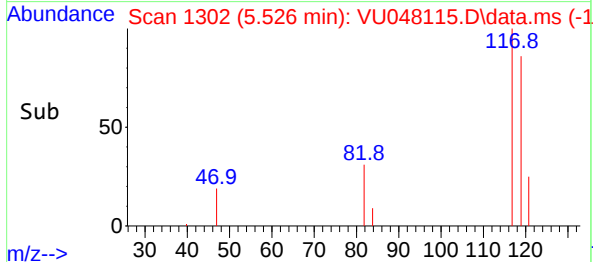
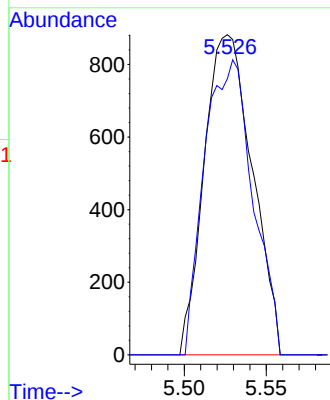
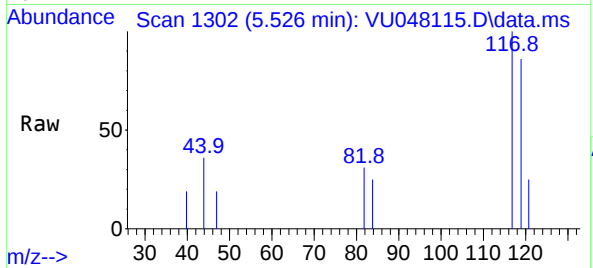




#31
Carbon tetrachloride
Concen: 0.496 ug/L
RT: 5.526 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048115.D
Acq: 18 Apr 2022 12:58

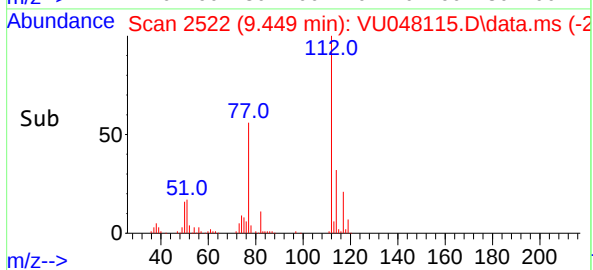
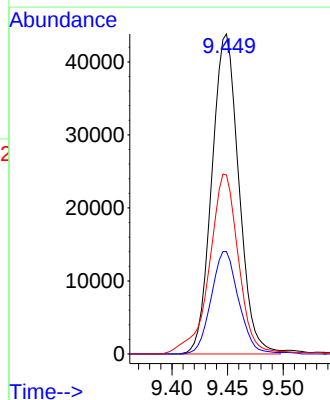
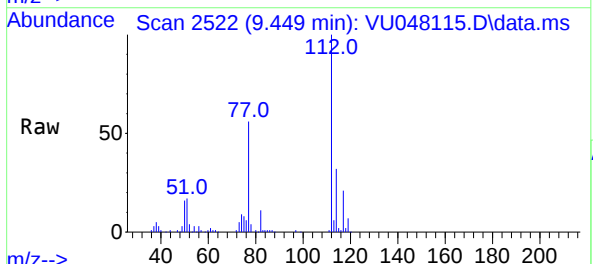
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MSVOA_U
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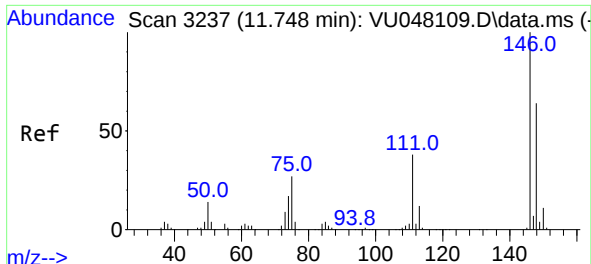
Tgt Ion:117 Resp: 1798
Ion Ratio Lower Upper
117 100
119 92.6 77.2 115.8



#51
Chlorobenzene
Concen: 9.692 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU048115.D
Acq: 18 Apr 2022 12:58

Tgt Ion:112 Resp: 73932
Ion Ratio Lower Upper
112 100
114 32.0 22.1 41.1
77 55.9 43.4 65.0



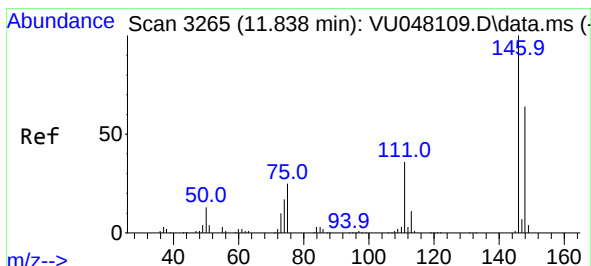
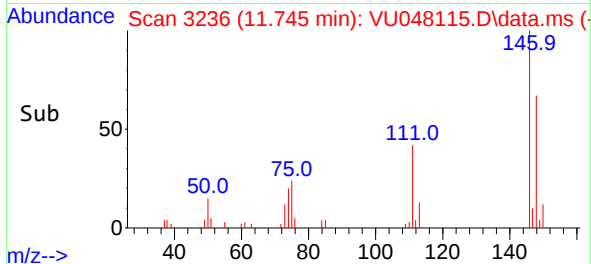
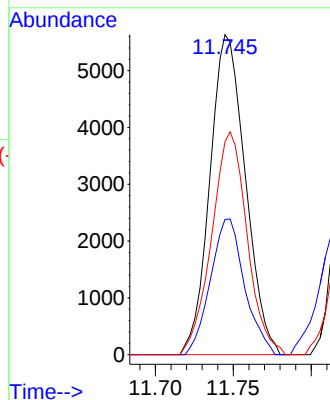
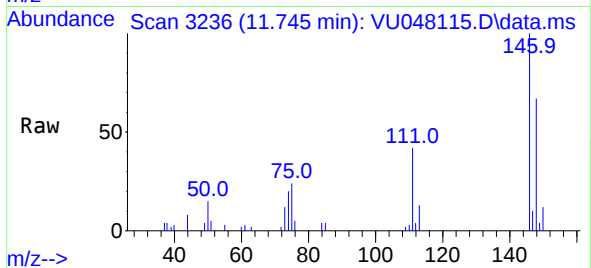


#64
1,3-Dichlorobenzene
Concen: 1.625 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU048115.D
Acq: 18 Apr 2022 12:58

Instrument :
MSVOA_U
ClientSampleId :
C0J52

Tgt Ion:146 Resp: 8924

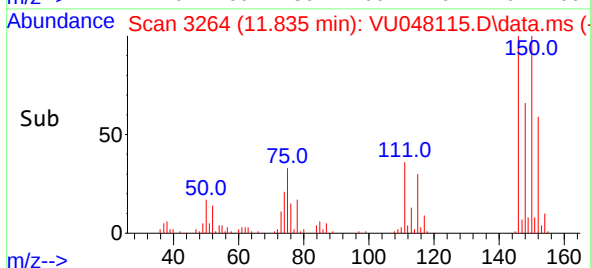
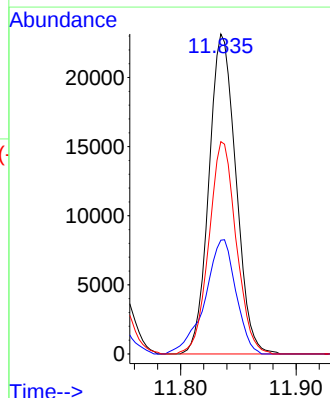
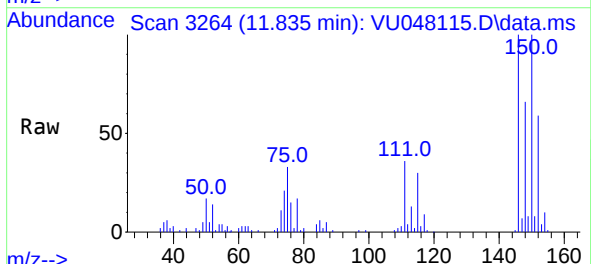
Ion	Ratio	Lower	Upper
146	100		
111	38.6	26.7	49.7
148	60.8	44.4	82.5

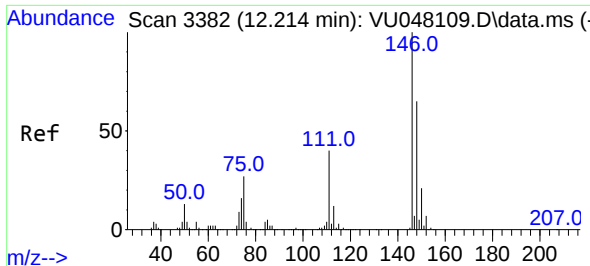


#65
1,4-Dichlorobenzene
Concen: 6.600 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU048115.D
Acq: 18 Apr 2022 12:58

Tgt Ion:146 Resp: 37536

Ion	Ratio	Lower	Upper
146	100		
111	35.6	25.3	47.1
148	66.3	44.5	82.7

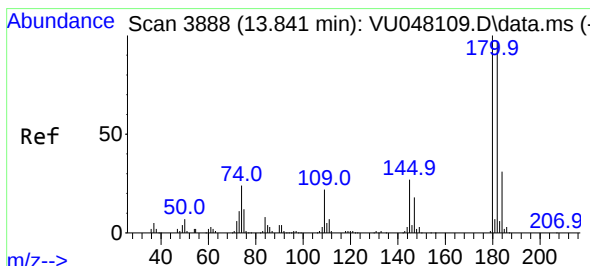
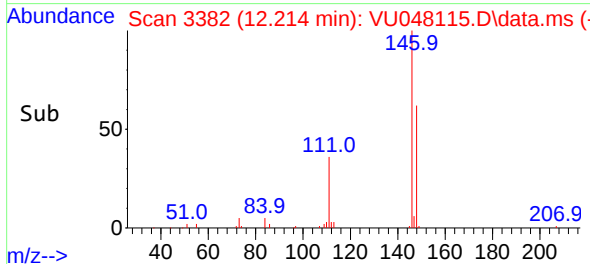
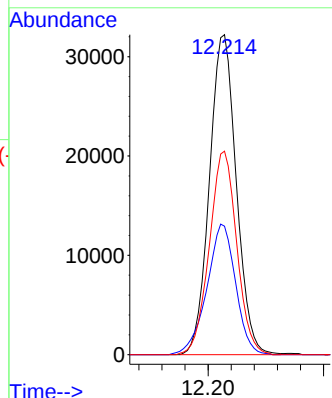
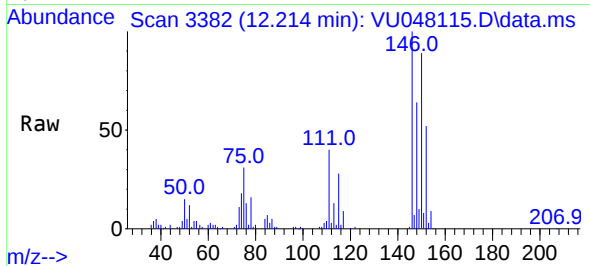




#67
1,2-Dichlorobenzene
Concen: 9.483 ug/L
RT: 12.214 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU048115.D
Acq: 18 Apr 2022 12:58

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Tgt Ion:146 Resp: 52099
Ion Ratio Lower Upper
146 100
111 40.2 31.7 47.5
148 63.6 51.4 77.2



#70
1,2,4-trichlorobenzene
Concen: 6.227 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. -0.000 min
Lab File: VU048115.D
Acq: 18 Apr 2022 12:58

Tgt Ion:180 Resp: 24323
Ion Ratio Lower Upper
180 100
182 98.9 76.2 114.2
145 27.1 21.8 32.8

