

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061024\
 Data File : VV036020.D
 Acq On : 10 Jun 2024 09:55
 Operator : SY/MD
 Sample : VV0610SBL01
 Misc : 5.00g/10.0mL/MSVOA_V/SoIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 11 05:04:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 11 05:03:54 2024
 Response via : Initial Calibration

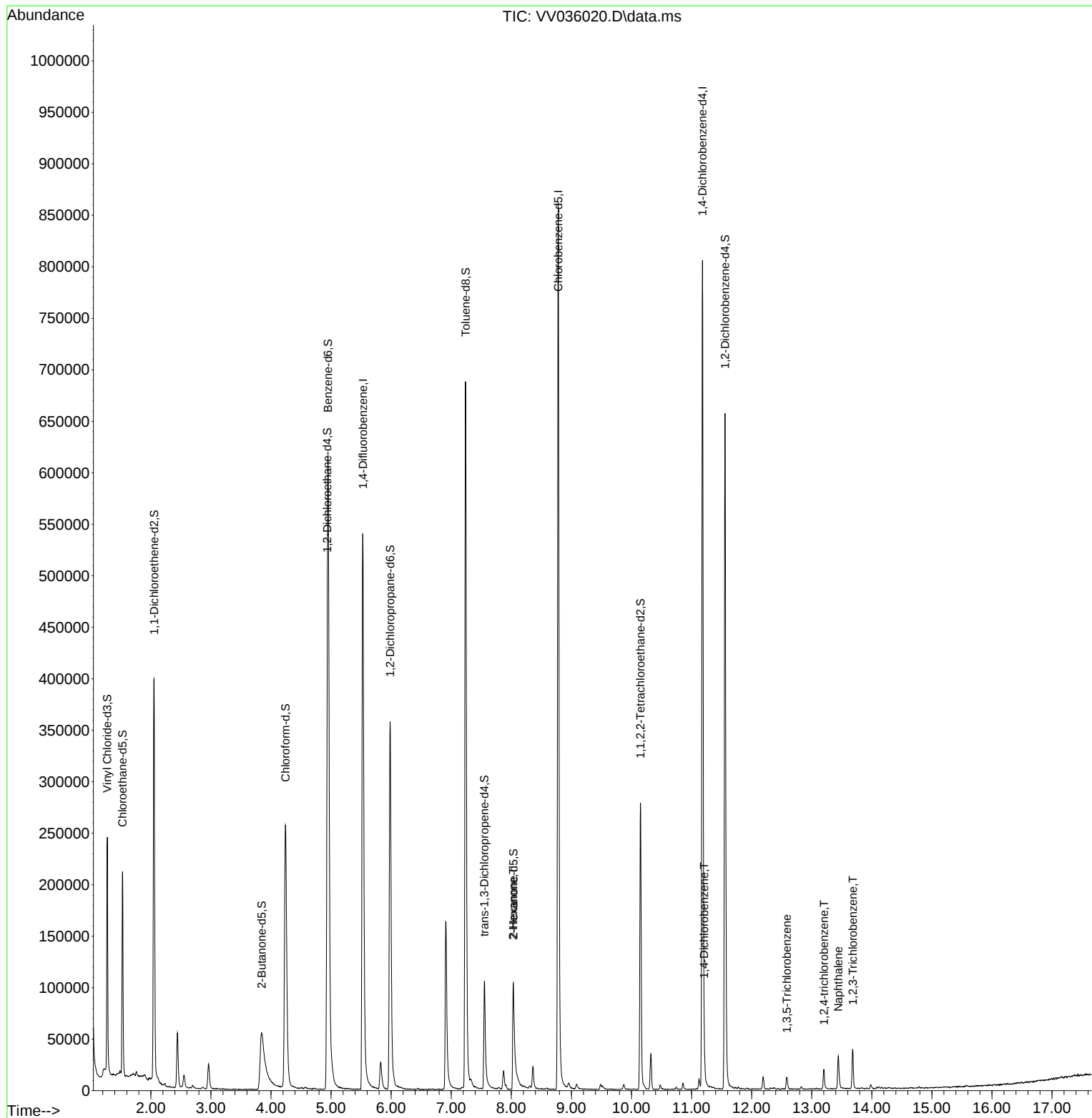
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	484264	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	477489	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	215544	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	147780	16.599	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.400%
7) Chloroethane-d5	1.529	69	131801	18.566	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.280%
11) 1,1-Dichloroethene-d2	2.053	65	68451	17.270	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.080%
21) 2-Butanone-d5	3.844	46	55835	27.334	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	54.660%
24) Chloroform-d	4.243	84	288398	18.732	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	74.920%
26) 1,2-Dichloroethane-d4	4.937	65	154565	19.148	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	76.600%
32) Benzene-d6	4.950	84	570428	20.098	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.400%
36) 1,2-Dichloropropane-d6	5.982	67	188073	21.042	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.160%
41) Toluene-d8	7.239	98	483447	19.304	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.200%
43) trans-1,3-Dichloroprop...	7.551	79	67089	18.306	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.240%
47) 2-Hexanone-d5	8.034	63	42501	35.096	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.200%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	139656	20.909	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.640%
66) 1,2-Dichlorobenzene-d4	11.558	152	170962	21.629	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	86.520%
Target Compounds						
48) 2-Hexanone	8.030	43	5004	1.437	ug/L #	63
65) 1,4-Dichlorobenzene	11.210	146	5742	0.383	ug/L	95
69) 1,3,5-Trichlorobenzene	12.586	180	4213	0.388	ug/L	94
70) 1,2,4-trichlorobenzene	13.204	180	6499	0.760	ug/L	98
71) Naphthalene	13.442	128	28766	2.061	ug/L	98
72) 1,2,3-Trichlorobenzene	13.683	180	6962	0.892	ug/L	98

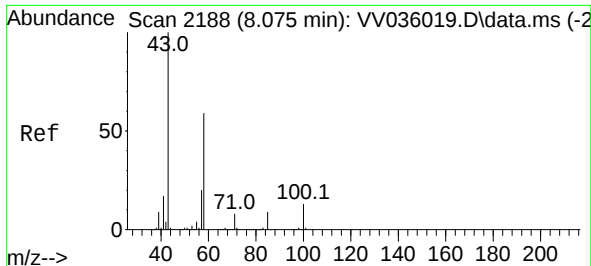
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSV0A_V\Data\VV061024\
Data File : VV036020.D
Acq On : 10 Jun 2024 09:55
Operator : SY/MD
Sample : VV0610SBL01
Misc : 5.00g/10.0mL/MSV0A_V/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSV0A_V
ClientSampleId :

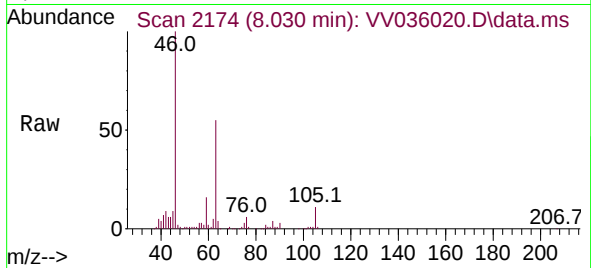
Quant Time: Jun 11 05:04:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSV0A_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 11 05:03:54 2024
Response via : Initial Calibration



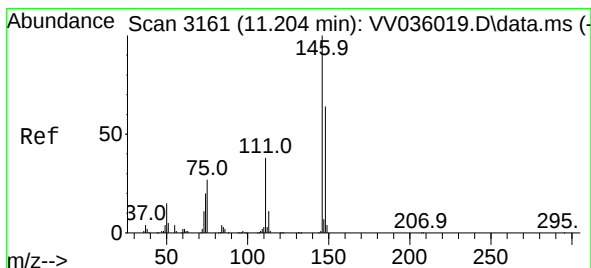
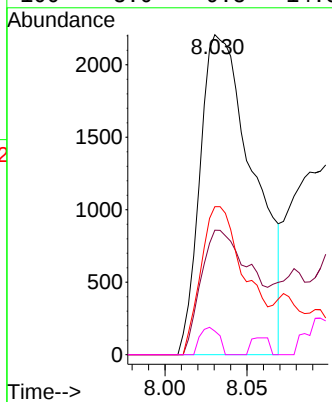
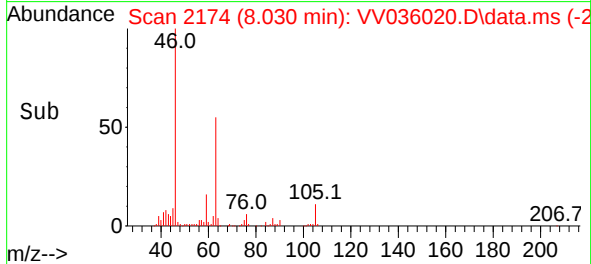


#48
2-Hexanone
Concen: 1.437 ug/L
RT: 8.030 min Scan# 2188
Delta R.T. -0.045 min
Lab File: VV036020.D
Acq: 10 Jun 2024 09:55

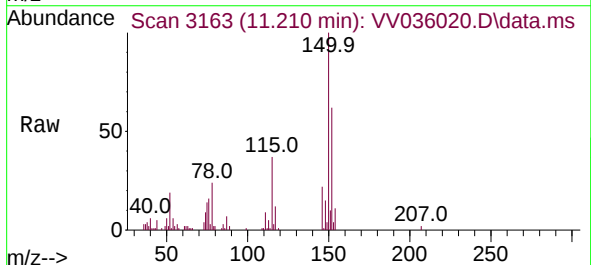
Instrument :
MSVOA_V
ClientSampleId :



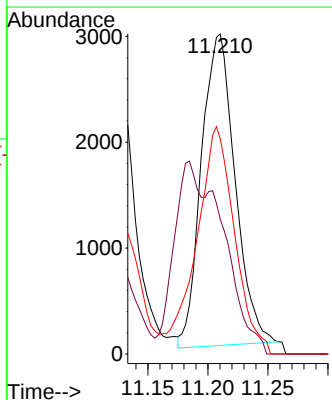
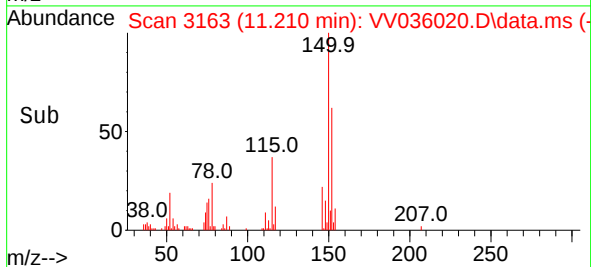
Tgt Ion: 43	Resp: 5004
Ion Ratio	Lower Upper
43 100	
58 28.9	45.4 68.0#
57 38.6	15.8 23.8#
100 3.0	9.8 14.8#

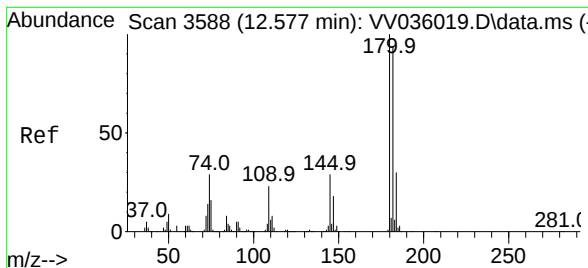


#65
1,4-Dichlorobenzene
Concen: 0.383 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.006 min
Lab File: VV036020.D
Acq: 10 Jun 2024 09:55



Tgt	Ion:146	Resp:	5742
Ion	Ratio	Lower	Upper
146	100		
111	42.0	26.9	50.1
148	67.2	44.5	82.7





#69

1,3,5-Trichlorobenzene

Concen: 0.388 ug/L

RT: 12.586 min Scan# 3591

Delta R.T. 0.010 min

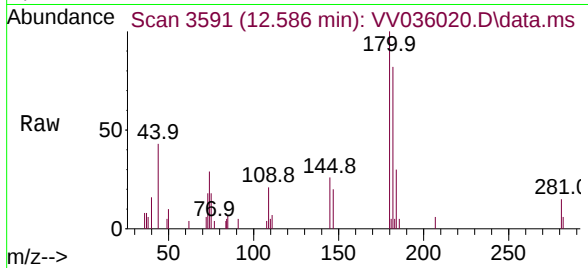
Lab File: VV036020.D

Acq: 10 Jun 2024 09:55

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 4213

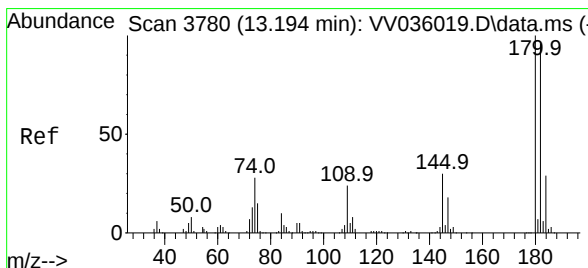
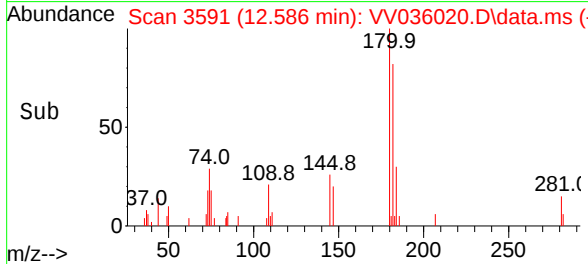
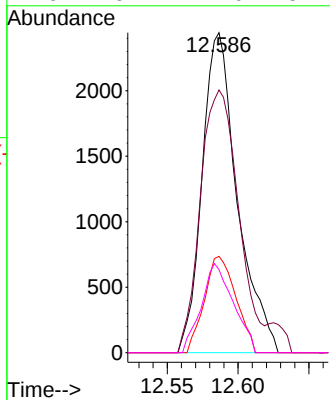
Ion Ratio Lower Upper

180 100

182 89.1 76.2 114.4

184 27.0 24.2 36.2

145 25.4 22.9 34.3



#70

1,2,4-trichlorobenzene

Concen: 0.760 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. 0.010 min

Lab File: VV036020.D

Acq: 10 Jun 2024 09:55

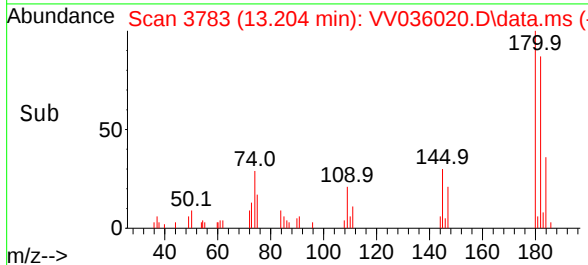
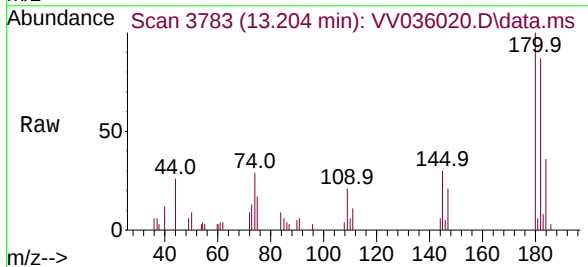
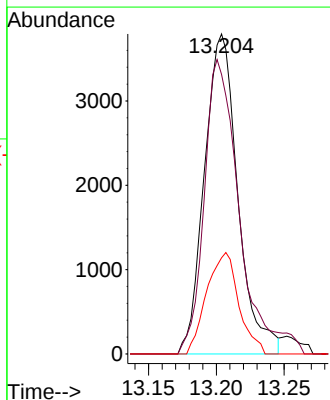
Tgt Ion:180 Resp: 6499

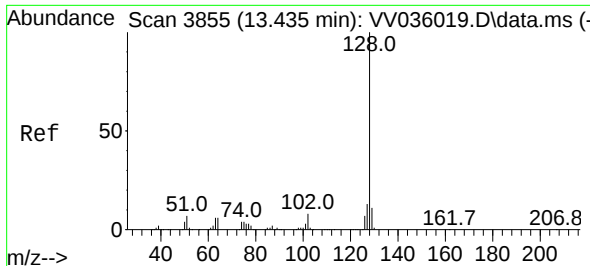
Ion Ratio Lower Upper

180 100

182 96.6 76.1 114.1

145 30.4 23.5 35.3

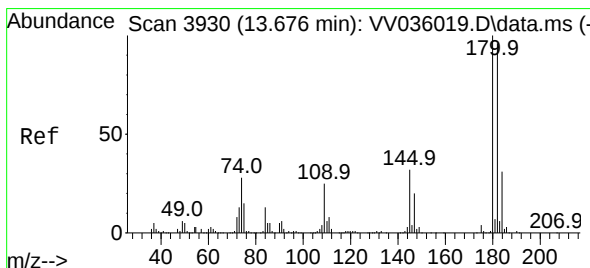
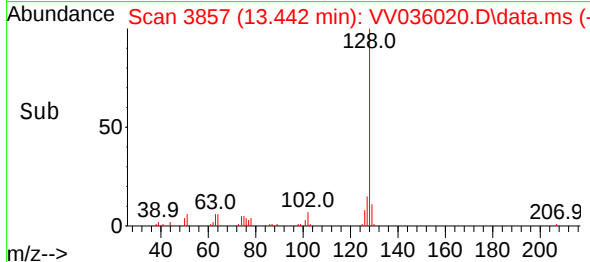
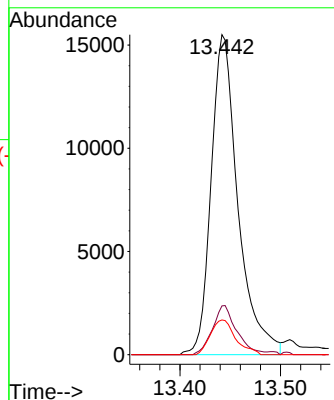
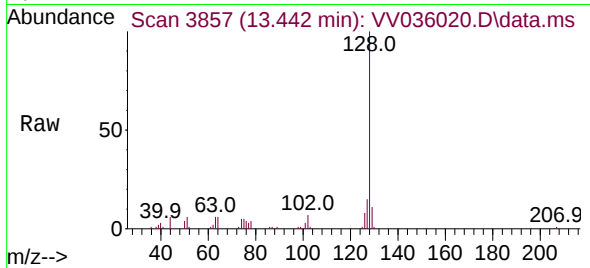




#71
Naphthalene
Concen: 2.061 ug/L
RT: 13.442 min Scan# 3855
Delta R.T. 0.006 min
Lab File: VV036020.D
Acq: 10 Jun 2024 09:55

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128	Resp:	28766
Ion Ratio	Lower	Upper
128	100	
127	13.9	10.6 16.0
129	10.2	8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 0.892 ug/L
RT: 13.683 min Scan# 3932
Delta R.T. 0.006 min
Lab File: VV036020.D
Acq: 10 Jun 2024 09:55

Tgt Ion:180	Resp:	6962
Ion Ratio	Lower	Upper
180	100	
182	95.1	75.1 112.7
145	33.0	25.2 37.8

