

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
 Data File : VV037541.D
 Acq On : 26 Sep 2024 12:39
 Operator : SY/MD
 Sample : VV0926MBL01
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 27 00:50:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 27 00:49:09 2024
 Response via : Initial Calibration

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

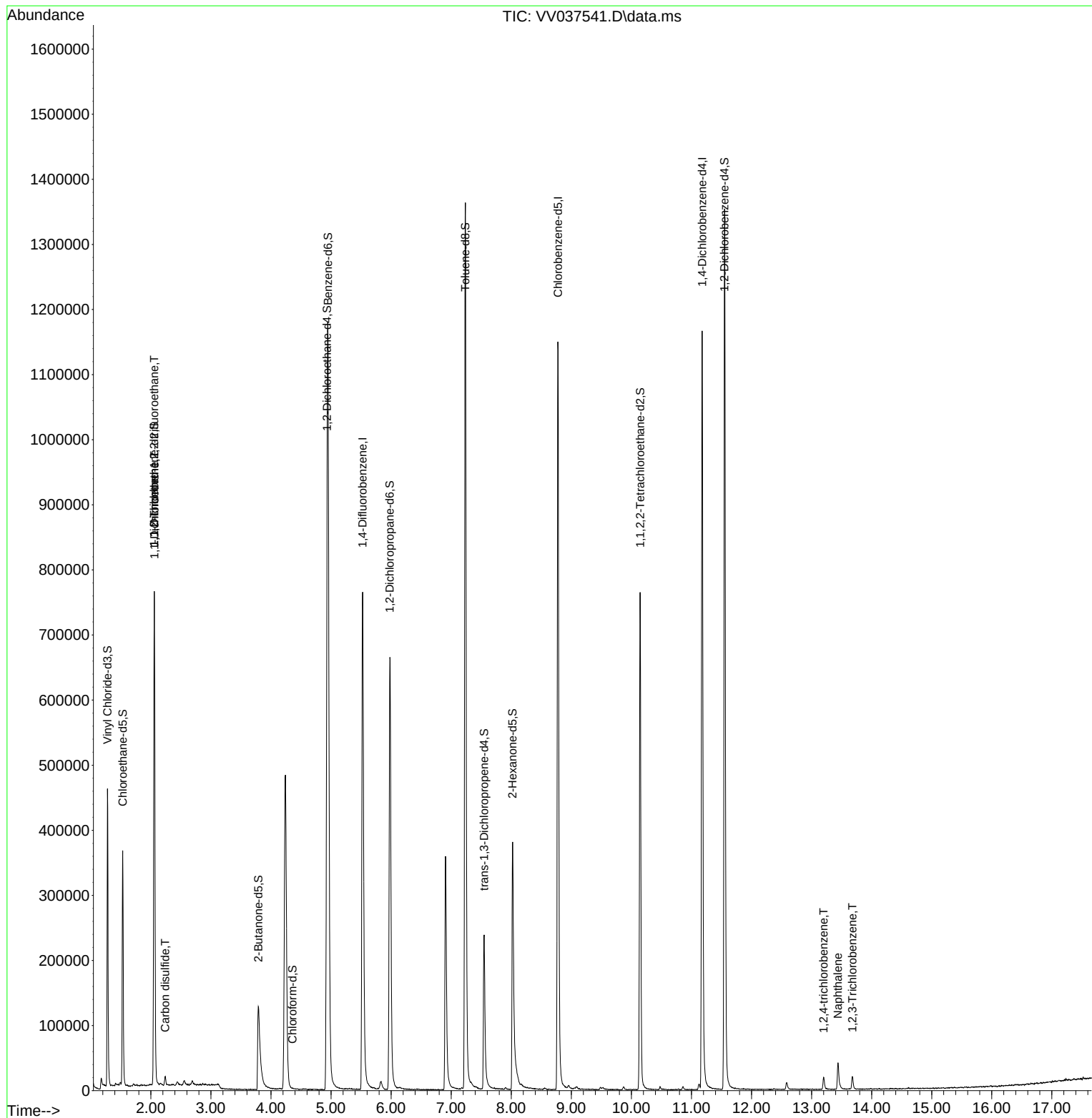
Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	688418	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	645329	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	309040	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	303852	50.280	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.560%
7) Chloroethane-d5	1.532	69	239354	51.026	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.060%
11) 1,1-Dichloroethene-d2	2.056	65	126092	49.942	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.880%
21) 2-Butanone-d5	3.789	46	213606	99.237	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.240%
24) Chloroform-d	4.359	84	558	0.052	ug/L	0.12
Spiked Amount	50.000	Range	70 - 125	Recovery	=	0.100%#
26) 1,2-Dichloroethane-d4	4.934	65	322750	51.286	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.580%
32) Benzene-d6	4.950	84	1052475	52.119	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.240%
36) 1,2-Dichloropropane-d6	5.979	67	337388	52.469	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.940%
41) Toluene-d8	7.236	98	917227	50.092	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.180%
43) trans-1,3-Dichloroprop...	7.548	79	144112	48.245	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.480%
47) 2-Hexanone-d5	8.021	63	133669	98.445	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.440%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	370352	49.569	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.140%
66) 1,2-Dichlorobenzene-d4	11.551	152	349015	53.595	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.180%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.056	101	4055	0.826	ug/L #	27
12) 1,1-Dichloroethene	2.060	96	4033	0.880	ug/L #	1
14) Carbon disulfide	2.240	76	13437	0.939	ug/L #	90
70) 1,2,4-trichlorobenzene	13.201	180	6249	1.013	ug/L #	93
71) Naphthalene	13.439	128	39023	2.421	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	6842	1.123	ug/L	99

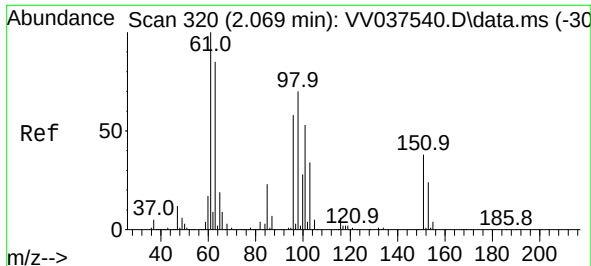
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 27 00:49:09 2024
Response via : Initial Calibration

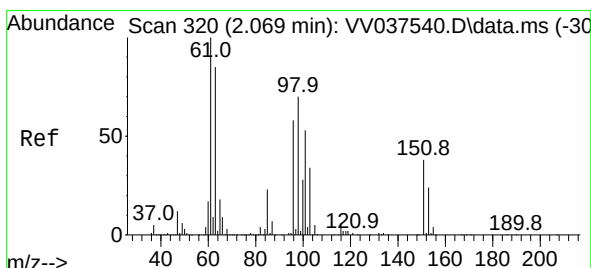
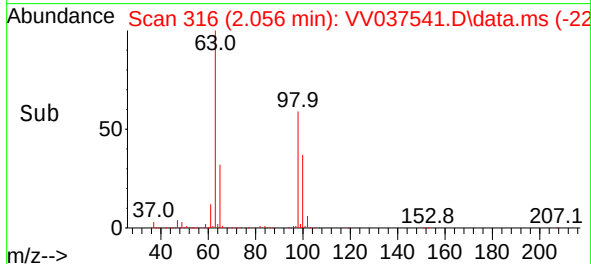
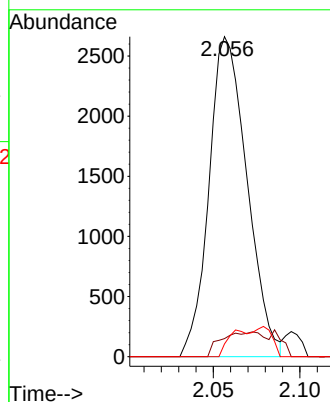
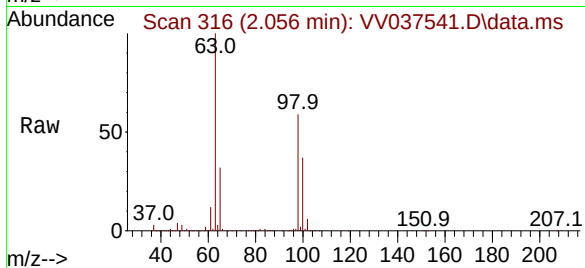




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.826 ug/L
 RT: 2.056 min Scan# 316
 Delta R.T. -0.013 min
 Lab File: VV037541.D
 Acq: 26 Sep 2024 12:39

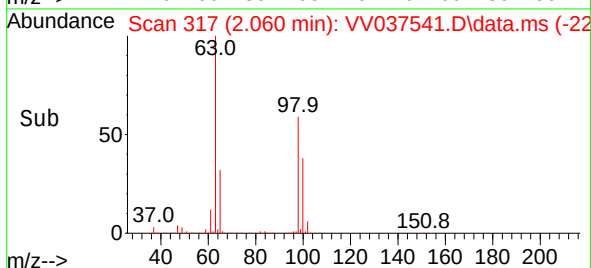
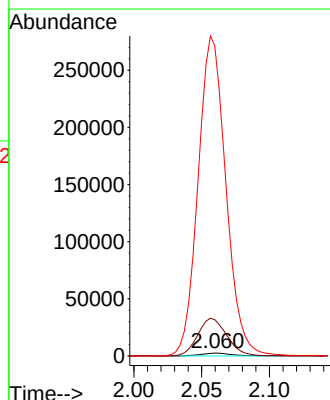
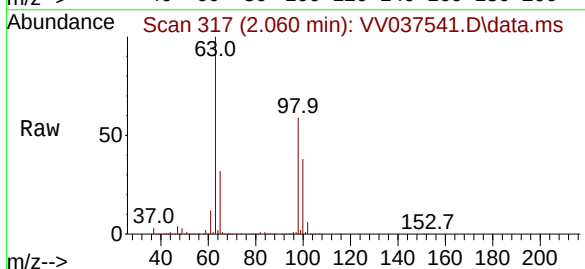
Instrument :
 MSVOA_V
 ClientSampleId :

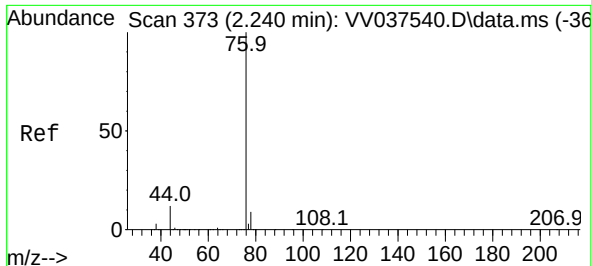
Tgt Ion:101 Resp: 4055
 Ion Ratio Lower Upper
 101 100
 85 4.6 34.6 52.0#
 151 4.3 57.5 86.3#



#12
 1,1-Dichloroethene
 Concen: 0.880 ug/L
 RT: 2.060 min Scan# 317
 Delta R.T. -0.010 min
 Lab File: VV037541.D
 Acq: 26 Sep 2024 12:39

Tgt Ion: 96 Resp: 4033
 Ion Ratio Lower Upper
 96 100
 61 1282.5 122.6 227.6#
 63 10971.1 118.0 219.2#

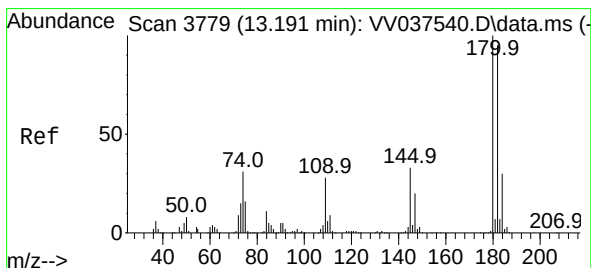
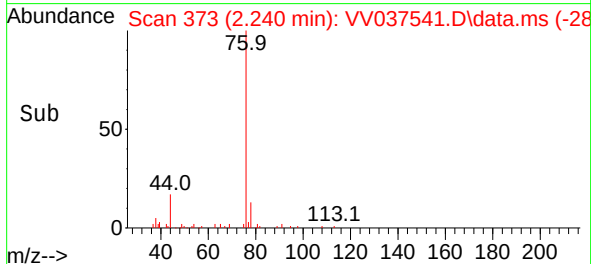
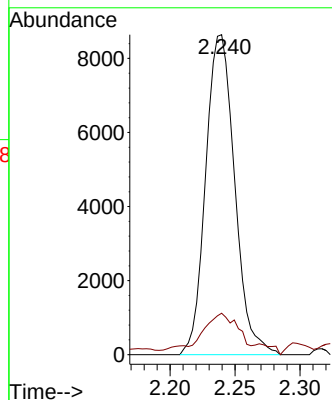
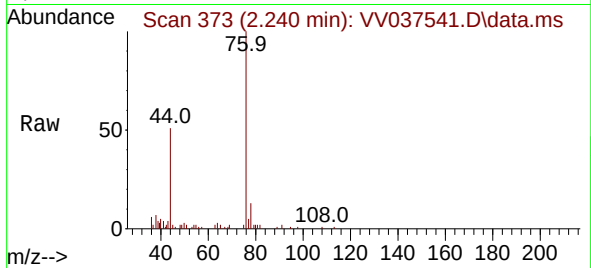




#14
Carbon disulfide
Concen: 0.939 ug/L
RT: 2.240 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV037541.D
Acq: 26 Sep 2024 12:39

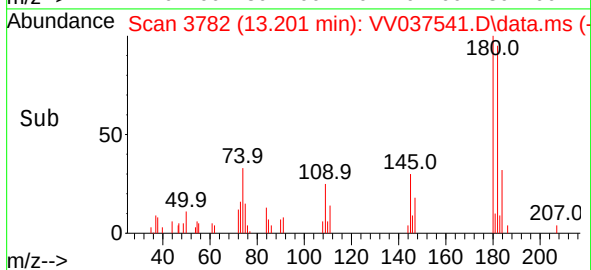
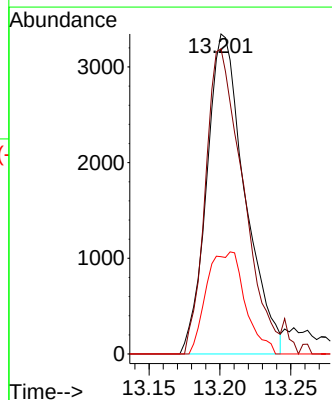
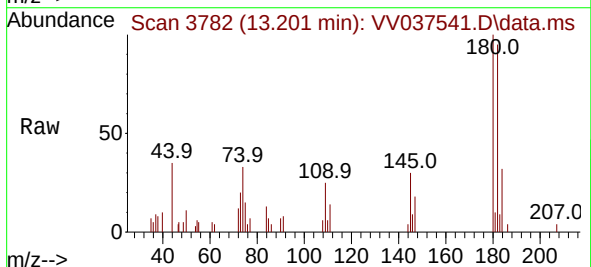
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MSVOA_V
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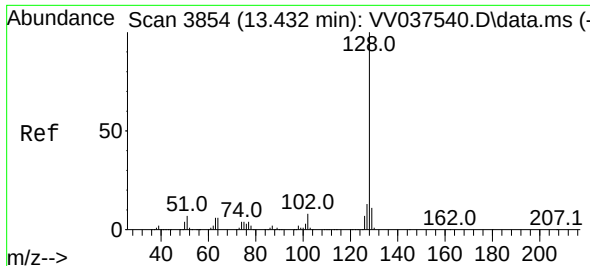
Tgt Ion: 76 Resp: 13437
Ion Ratio Lower Upper
76 100
78 12.9 7.4 11.0#



#70
1,2,4-trichlorobenzene
Concen: 1.013 ug/L
RT: 13.201 min Scan# 3782
Delta R.T. 0.010 min
Lab File: VV037541.D
Acq: 26 Sep 2024 12:39

Tgt Ion:180 Resp: 6249
Ion Ratio Lower Upper
180 100
182 94.4 75.9 113.9
145 17.3 25.4 38.2#

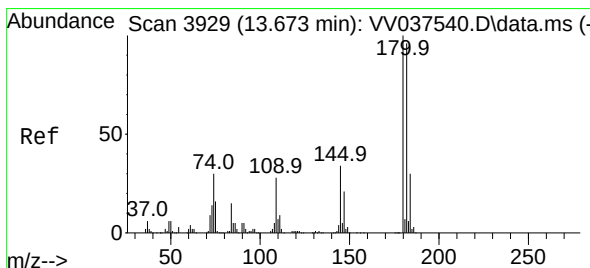
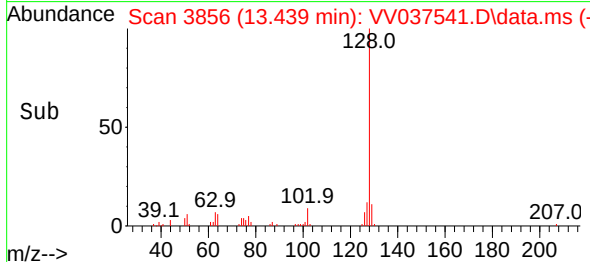
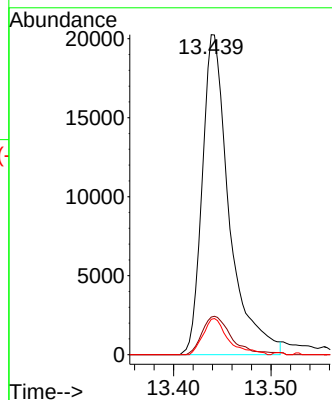
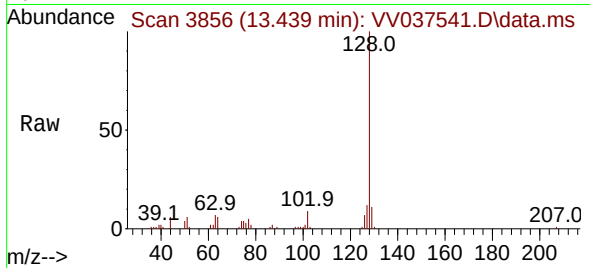




#71
Naphthalene
Concen: 2.421 ug/L
RT: 13.439 min Scan# 39023
Delta R.T. 0.006 min
Lab File: VV037541.D
Acq: 26 Sep 2024 12:39

Instrument :
MSVOA_V
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Tgt Ion:128	Resp:	39023
Ion Ratio	Lower	Upper
128	100	
127	13.1	10.2 15.4
129	10.0	8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 1.123 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. 0.006 min
Lab File: VV037541.D
Acq: 26 Sep 2024 12:39

Tgt Ion:180	Resp:	6842
Ion Ratio	Lower	Upper
180	100	
182	95.6	75.8 113.8
145	34.0	26.2 39.4

