

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042523\
 Data File : VW030852.D
 Acq On : 25 Apr 2023 21:39
 Operator : SY/MD
 Sample : VW0425WBL02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK335

Quant Time: Apr 26 02:57:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 22 00:43:23 2023
 Response via : Initial Calibration

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

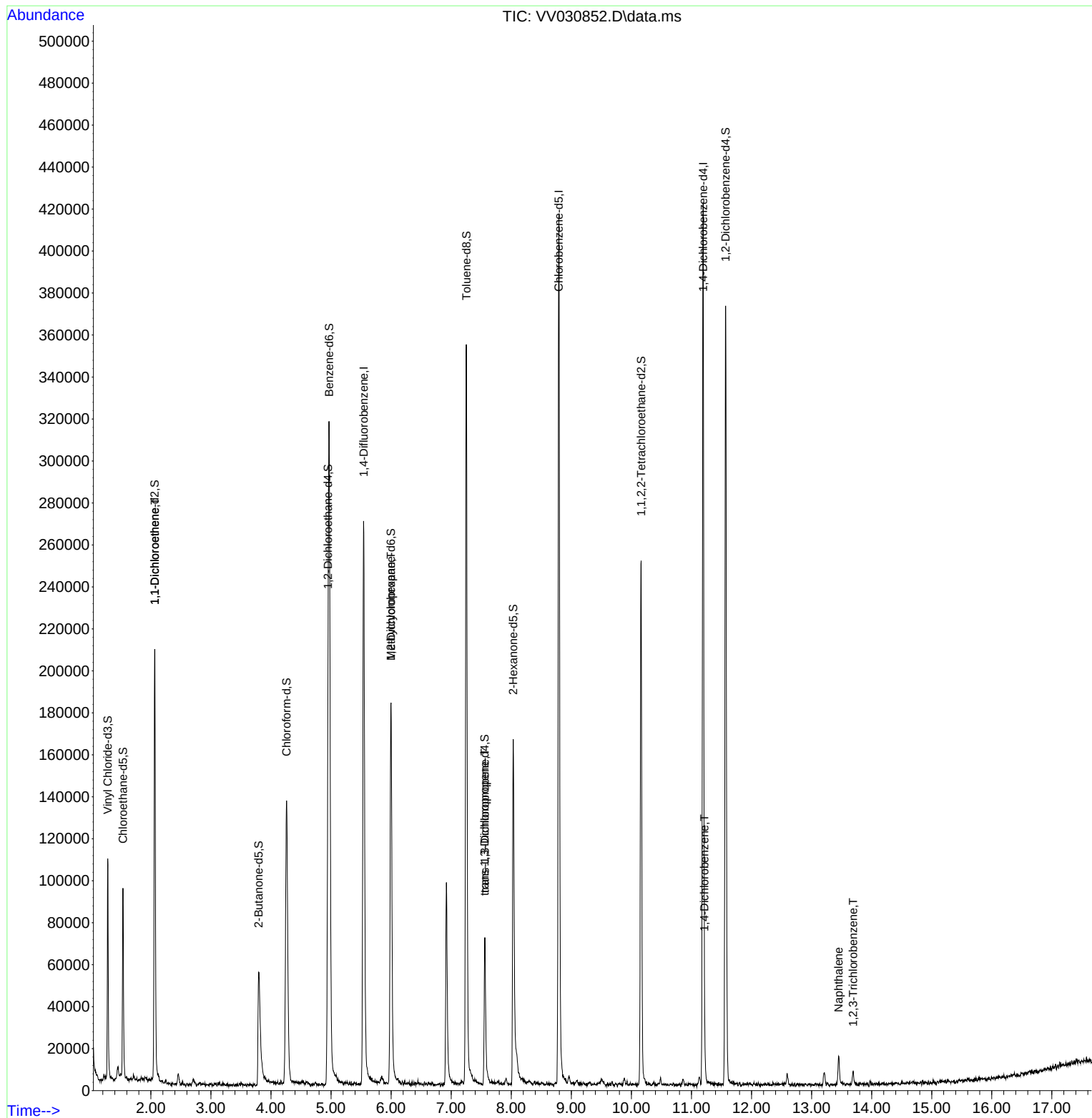
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	223767	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	218048	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	110276	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	68555	41.792	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.580%
7) Chloroethane-d5	1.536	69	57613	41.911	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.820%
11) 1,1-Dichloroethene-d2	2.063	65	34462	44.300	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.600%
21) 2-Butanone-d5	3.796	46	89763	99.626	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.630%
24) Chloroform-d	4.259	84	138759	46.677	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.360%
26) 1,2-Dichloroethane-d4	4.950	65	100217	52.435	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.880%
32) Benzene-d6	4.970	84	259894	50.413	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.820%
36) 1,2-Dichloropropane-d6	5.995	67	78943	49.297	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.600%
41) Toluene-d8	7.252	98	233296	48.199	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.400%
43) trans-1,3-Dichloroprop...	7.558	79	37887	46.941	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.880%
47) 2-Hexanone-d5	8.034	63	54188	85.898	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.900%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	109431	47.094	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.180%
66) 1,2-Dichlorobenzene-d4	11.571	152	96234	54.903	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.800%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.066	96	1580	1.008	ug/L #	1
35) Methylcyclohexane	5.995	83	20872	7.734	ug/L #	16
44) trans-1,3-Dichloropropene	7.561	75	2210	0.841	ug/L	84
65) 1,4-Dichlorobenzene	11.217	146	2309	0.636	ug/L	88
71) Naphthalene	13.451	128	10641	1.761	ug/L	97
72) 1,2,3-Trichlorobenzene	13.693	180	1969	0.899	ug/L #	91

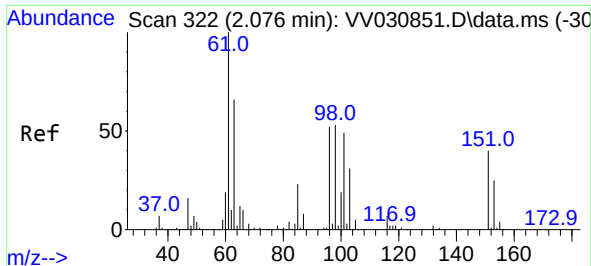
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 31 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 22 00:43:23 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 1.008 ug/L

RT: 2.066 min Scan# 31

Delta R.T. -0.010 min

Lab File: VV030852.D

Acq: 25 Apr 2023 21:39

Instrument :

MSVOA_V

ClientSampleId :

VBLK335

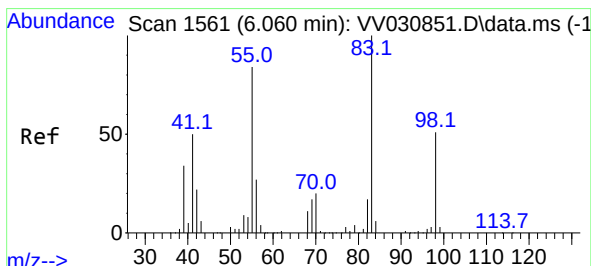
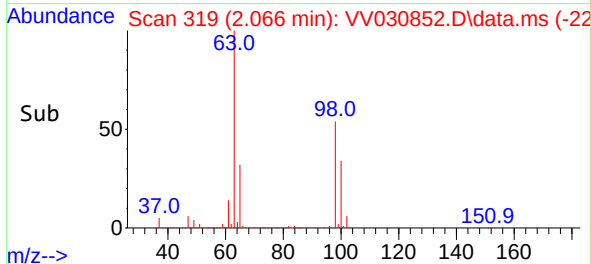
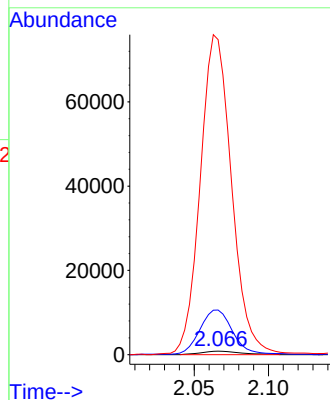
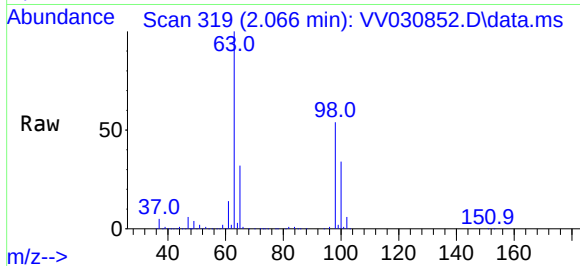
Tgt Ion: 96 Resp: 1580

Ion Ratio Lower Upper

96 100

61 1274.5 131.9 245.0#

63 8977.7 99.8 185.3#



#35

Methylcyclohexane

Concen: 7.734 ug/L

RT: 5.995 min Scan# 1541

Delta R.T. -0.064 min

Lab File: VV030852.D

Acq: 25 Apr 2023 21:39

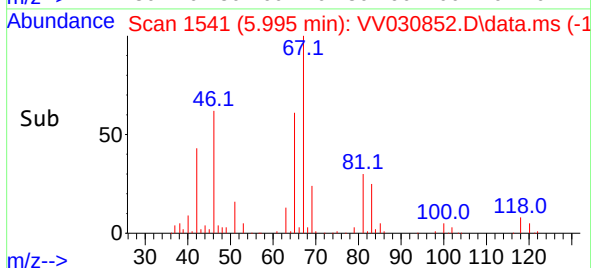
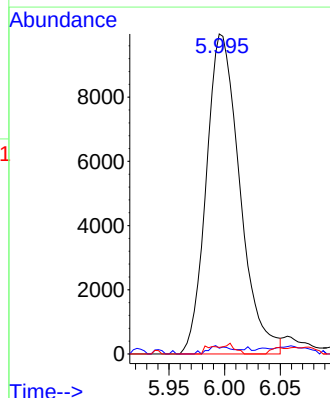
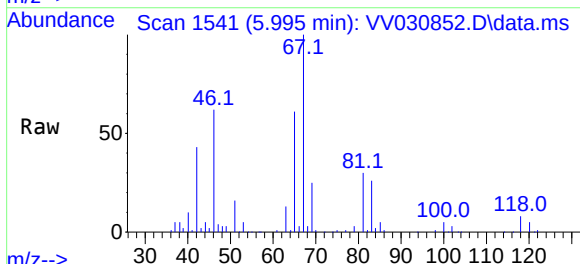
Tgt Ion: 83 Resp: 20872

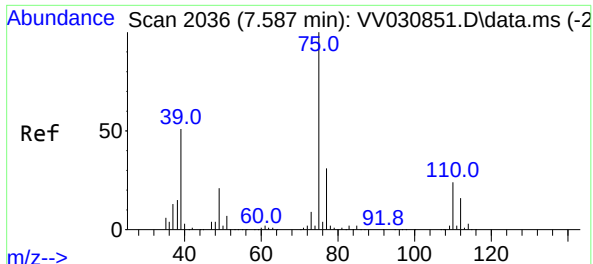
Ion Ratio Lower Upper

83 100

55 0.8 65.5 98.3#

98 0.0 38.7 58.1#

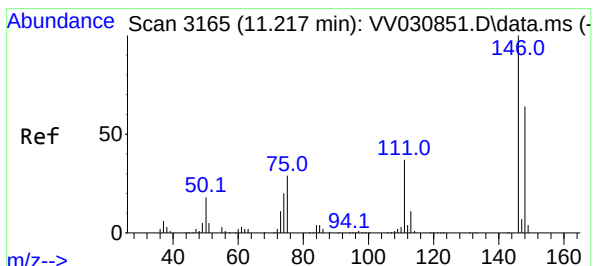
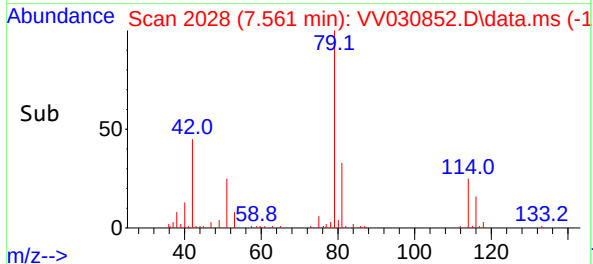
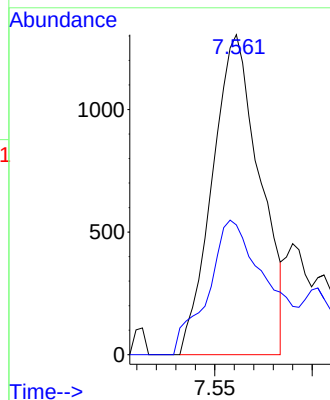
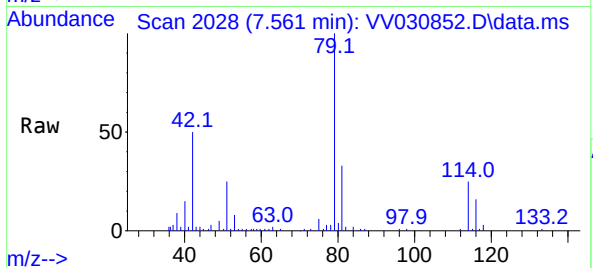




#44
trans-1,3-Dichloropropene
Concen: 0.841 ug/L
RT: 7.561 min Scan# 2036
Delta R.T. -0.026 min
Lab File: VV030852.D
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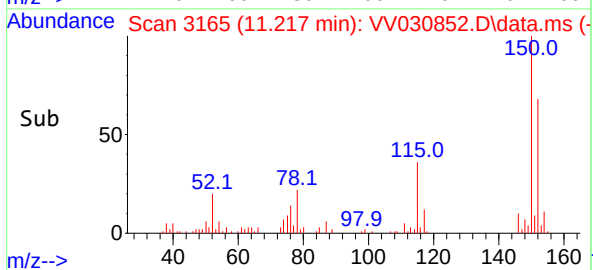
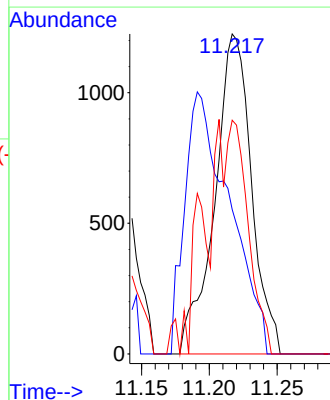
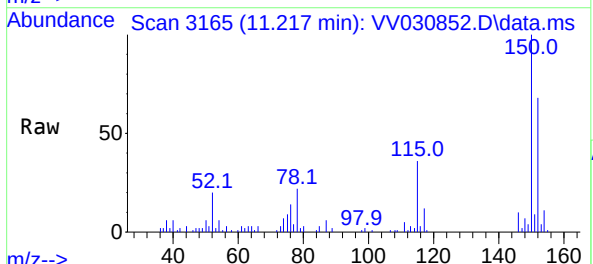
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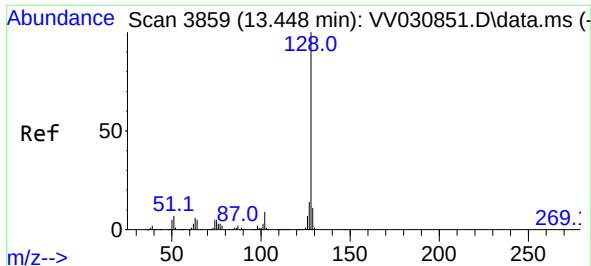
Tgt Ion: 75 Resp: 2210
Ion Ratio Lower Upper
75 100
77 40.5 22.1 41.1



#65
1,4-Dichlorobenzene
Concen: 0.636 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. -0.000 min
Lab File: VV030852.D
Acq: 25 Apr 2023 21:39

Tgt Ion: 146 Resp: 2309
Ion Ratio Lower Upper
146 100
111 45.1 26.5 49.1
148 73.1 44.7 83.1

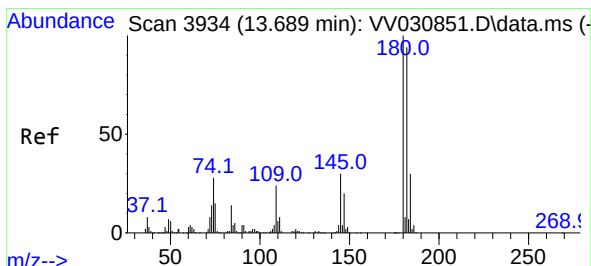
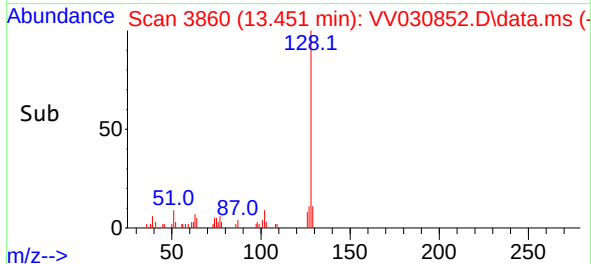
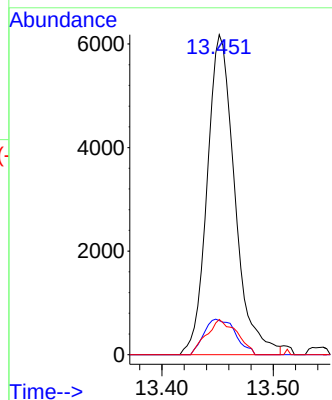
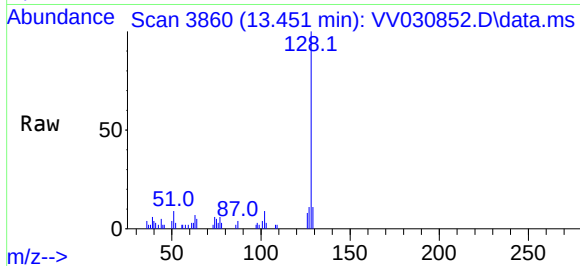




#71
Naphthalene
Concen: 1.761 ug/L
RT: 13.451 min Scan# 3860
Delta R.T. 0.003 min
Lab File: VV030852.D
Acq: 25 Apr 2023 21:39

Instrument :
MSVOA_V
ClientSampleId :
VBLK335

Tgt Ion:	128	Resp:	10641
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.7	16.1
129	12.1	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 0.899 ug/L
RT: 13.693 min Scan# 3935
Delta R.T. 0.003 min
Lab File: VV030852.D
Acq: 25 Apr 2023 21:39

Tgt Ion:	180	Resp:	1969
Ion Ratio	Lower	Upper	
180	100		
182	102.6	76.2	114.4
145	39.1	25.1	37.7

