

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041624\
 Data File : VV035251.D
 Acq On : 16 Apr 2024 19:33
 Operator : SY/MD
 Sample : VIBLK
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 17 02:52:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR041524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 17 02:28:28 2024
 Response via : Initial Calibration

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

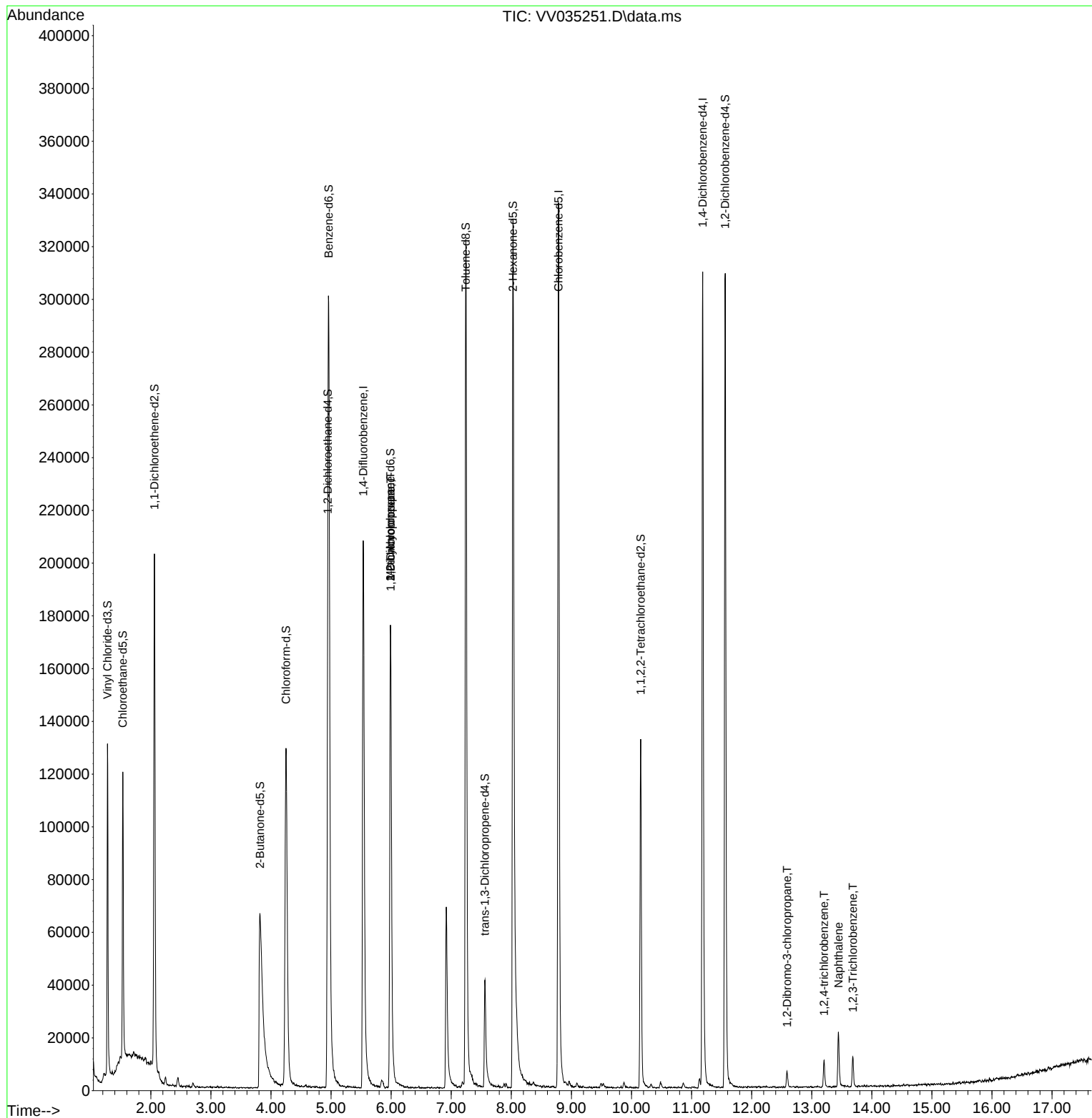
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	186736	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	188928	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	82456	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	82054	4.693	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.800%
7) Chloroethane-d5	1.532	69	68700	5.057	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.200%
11) 1,1-Dichloroethene-d2	2.060	65	33246	4.482	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.600%
20) 2-Butanone-d5	3.815	46	163133	55.160	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.320%
24) Chloroform-d	4.249	84	142888	5.226	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.600%
26) 1,2-Dichloroethane-d4	4.944	65	72089	5.540	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.800%
32) Benzene-d6	4.960	84	279351	5.205	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.000%
36) 1,2-Dichloropropane-d6	5.989	67	90693	5.434	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.600%
41) Toluene-d8	7.243	98	223642	4.639	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
43) trans-1,3-Dichloroprop...	7.561	79	28067	4.711	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.200%
46) 2-Hexanone-d5	8.027	63	121962	49.155	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.320%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	66907	5.204	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.000%
66) 1,2-Dichlorobenzene-d4	11.561	152	81116	5.534	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.600%
Target Compounds						
					Qvalue	
35) Methylcyclohexane	5.989	83	20459	0.869	ug/L #	18
37) 1,2-Dichloropropane	5.992	63	10183	0.648	ug/L #	88
68) 1,2-Dibromo-3-chloropr...	12.590	75	428	0.262	ug/L #	1
70) 1,2,4-trichlorobenzene	13.204	180	3544	0.210	ug/L	94
71) Naphthalene	13.445	128	17941	0.740	ug/L	98
72) 1,2,3-Trichlorobenzene	13.683	180	3845	0.257	ug/L	98

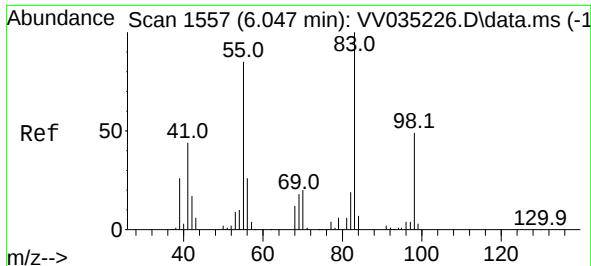
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methylcyclohexane

Concen: 0.869 ug/L

RT: 5.989 min Scan# 1539

Delta R.T. -0.058 min

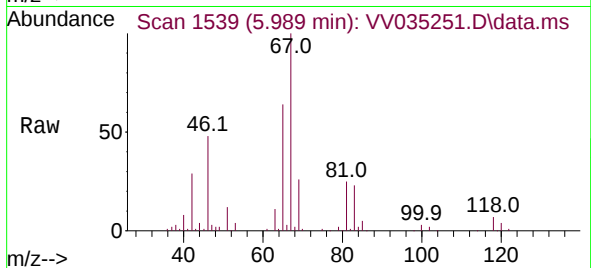
Lab File: VV035251.D

Acq: 16 Apr 2024 19:33

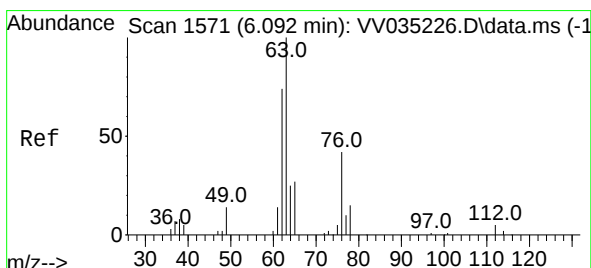
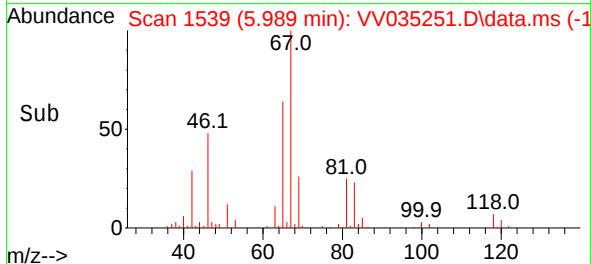
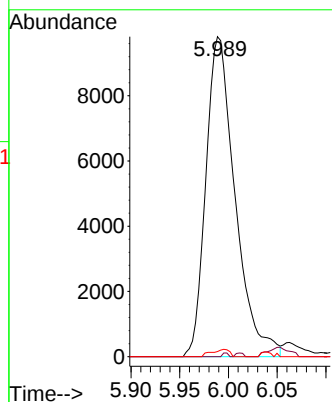
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	83	Resp:	20459
Ion Ratio	Lower	Upper	
83	100		
55	0.2	63.8	95.6#
98	1.4	37.4	56.2#



#37

1,2-Dichloropropane

Concen: 0.648 ug/L

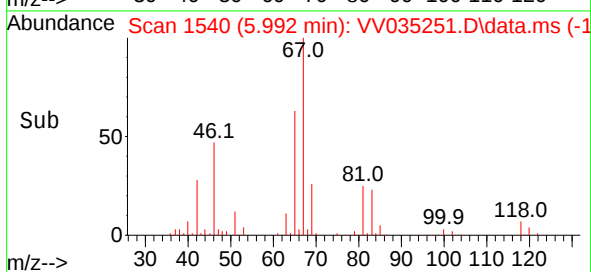
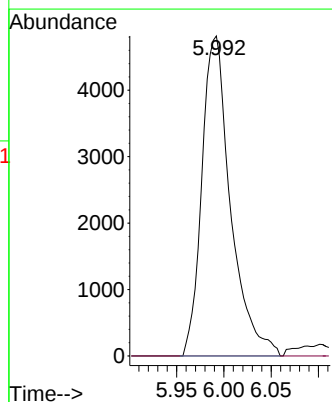
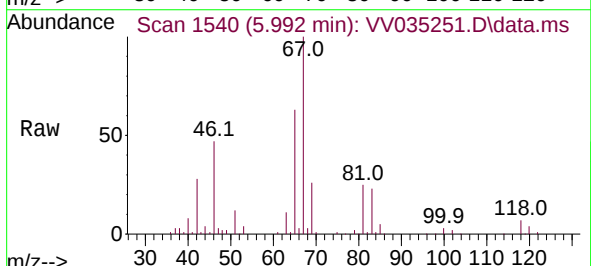
RT: 5.992 min Scan# 1540

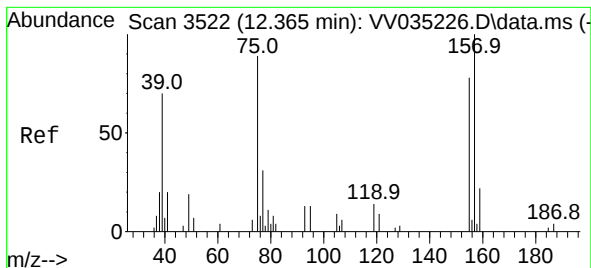
Delta R.T. -0.100 min

Lab File: VV035251.D

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Tgt Ion:	63	Resp:	10183
Ion Ratio	Lower	Upper	
63	100		
112	0.0	3.3	4.9#

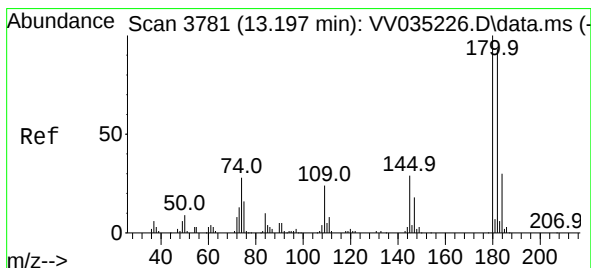
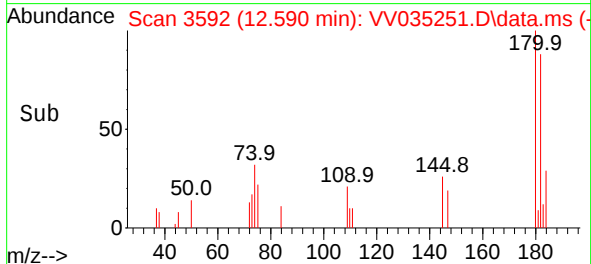
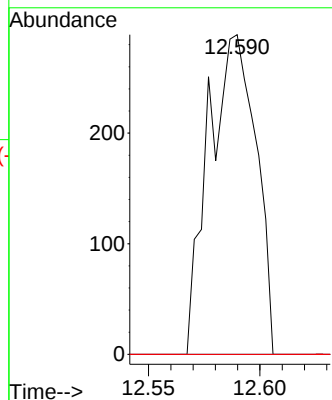
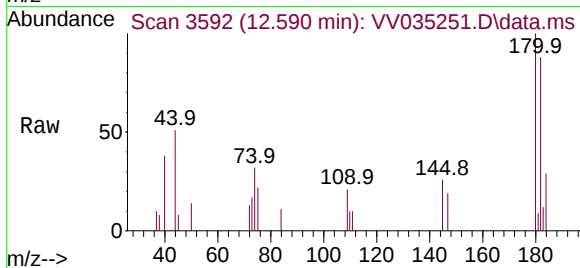




#68
1,2-Dibromo-3-chloropropane
Concen: 0.262 ug/L
RT: 12.590 min Scan# 3592
Delta R.T. 0.225 min
Lab File: VV035251.D
Acq: 16 Apr 2024 19:33

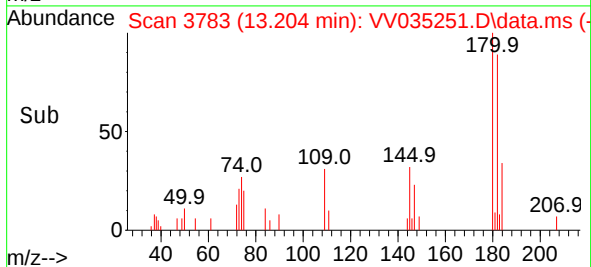
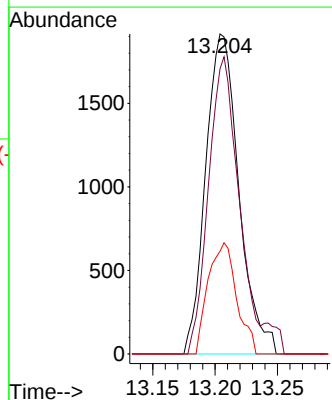
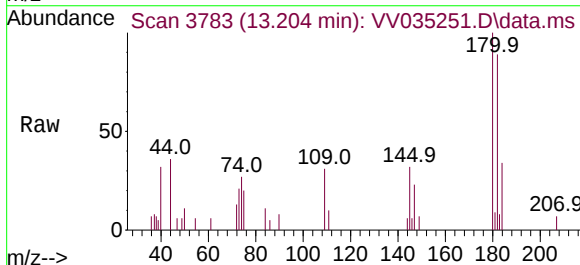
Instrument :
MSVOA_V
ClientSampleId :

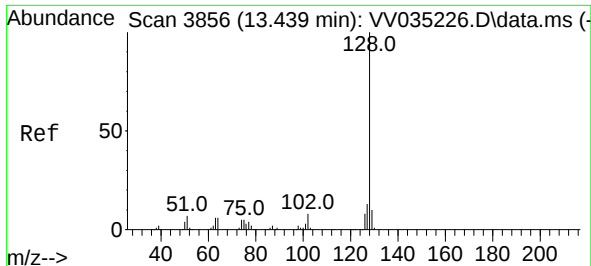
Tgt Ion: 75 Resp: 428
Ion Ratio Lower Upper
75 100
155 0.0 66.8 100.2#
157 0.0 88.8 133.2#



#70
1,2,4-trichlorobenzene
Concen: 0.210 ug/L
RT: 13.204 min Scan# 3783
Delta R.T. 0.007 min
Lab File: VV035251.D
Acq: 16 Apr 2024 19:33

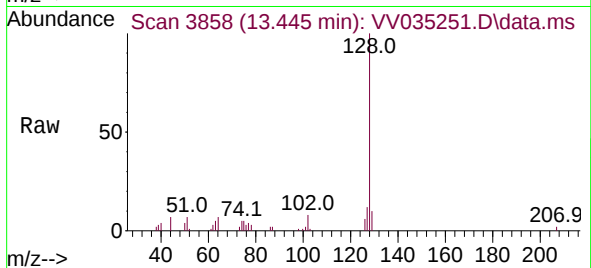
Tgt Ion: 180 Resp: 3544
Ion Ratio Lower Upper
180 100
182 88.7 76.9 115.3
145 29.9 23.5 35.3



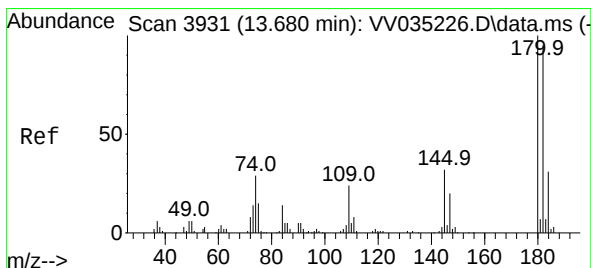
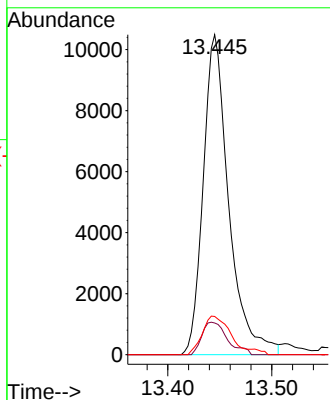
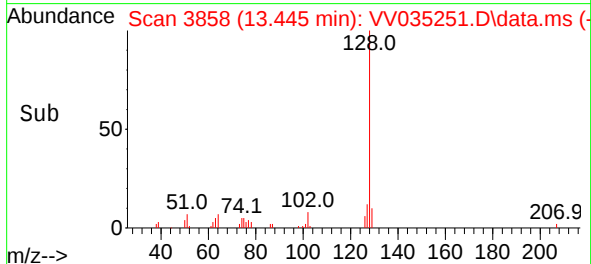


#71
Naphthalene
Concen: 0.740 ug/L
RT: 13.445 min Scan# 3858
Delta R.T. 0.007 min
Lab File: VV035251.D
Acq: 16 Apr 2024 19:33

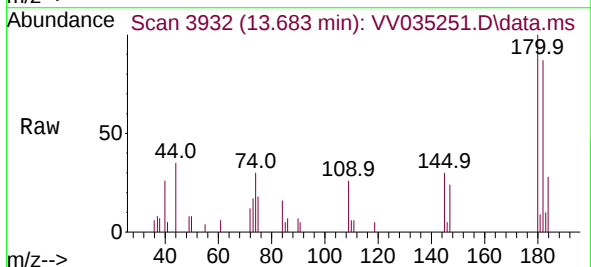
Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 17941
Ion Ratio Lower Upper
128 100
129 10.1 8.5 12.7
127 13.7 10.0 15.0



#72
1,2,3-Trichlorobenzene
Concen: 0.257 ug/L
RT: 13.683 min Scan# 3932
Delta R.T. 0.003 min
Lab File: VV035251.D
Acq: 16 Apr 2024 19:33



Tgt Ion:180 Resp: 3845
Ion Ratio Lower Upper
180 100
182 96.4 75.9 113.9
145 32.9 25.3 37.9

