

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040924\
 Data File : VV035090.D
 Acq On : 09 Apr 2024 18:15
 Operator : SY/MD
 Sample : P2006-03
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 10 04:59:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 10 04:53:36 2024
 Response via : Initial Calibration

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

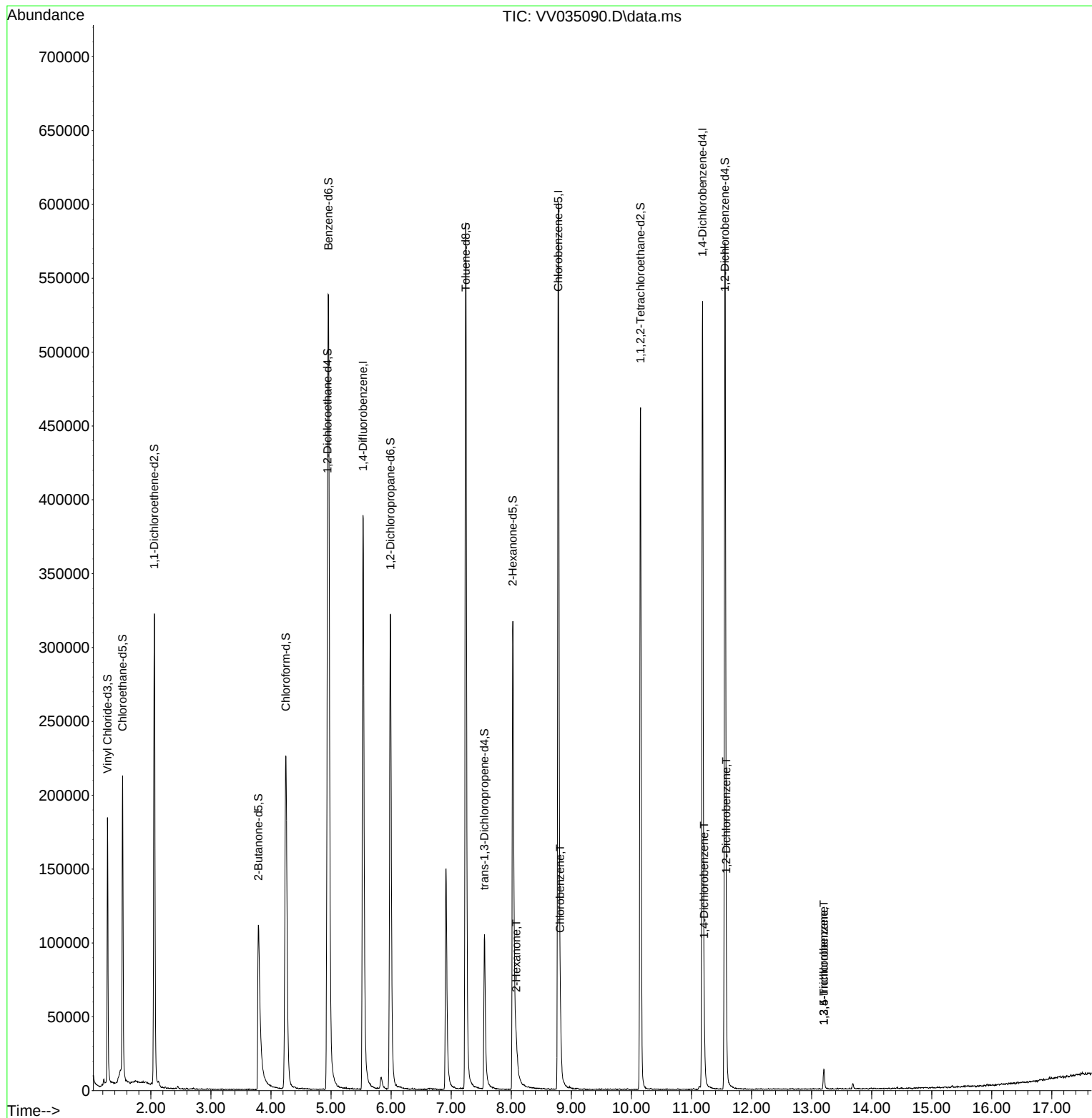
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	340249	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	323735	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	138256	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	116090	35.329	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.660%
7) Chloroethane-d5	1.529	69	126128	44.192	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.380%
11) 1,1-Dichloroethene-d2	2.056	65	55690	38.663	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.320%
21) 2-Butanone-d5	3.789	46	190802	97.905	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.910%
24) Chloroform-d	4.246	84	245399	44.418	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.840%
26) 1,2-Dichloroethane-d4	4.940	65	157992	45.042	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.080%
32) Benzene-d6	4.957	84	477007	43.865	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.740%
36) 1,2-Dichloropropane-d6	5.989	67	163921	47.470	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.940%
41) Toluene-d8	7.243	98	397867	40.626	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.260%
43) trans-1,3-Dichloroprop...	7.555	79	65533	39.037	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.080%
47) 2-Hexanone-d5	8.024	63	108224	82.893	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.890%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	226578	47.648	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.300%
66) 1,2-Dichlorobenzene-d4	11.558	152	146151	47.082	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.160%
Target Compounds						
					Qvalue	
48) 2-Hexanone	8.085	43	17645	5.570	ug/L	# 75
51) Chlorobenzene	8.815	112	24670	3.444	ug/L	96
65) 1,4-Dichlorobenzene	11.210	146	12556	2.651	ug/L	94
67) 1,2-Dichlorobenzene	11.580	146	7432	1.602	ug/L	95
69) 1,3,5-Trichlorobenzene	13.204	180	4565	1.360	ug/L	96
70) 1,2,4-trichlorobenzene	13.204	180	4565	1.480	ug/L	96

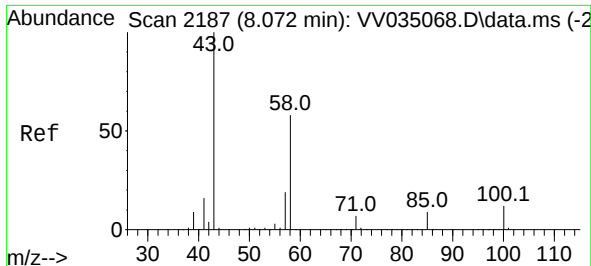
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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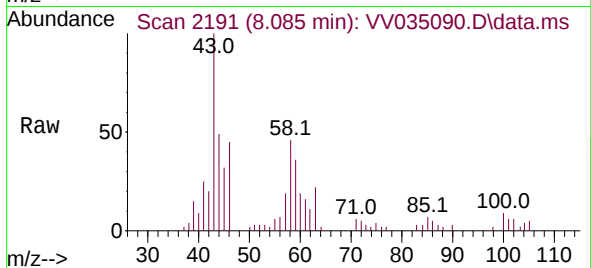
Quant Time: Apr 10 04:59:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
Quant Title : VOC Analysis
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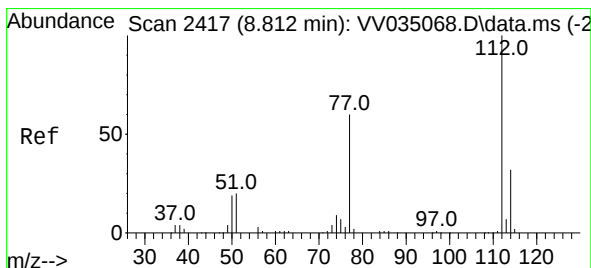
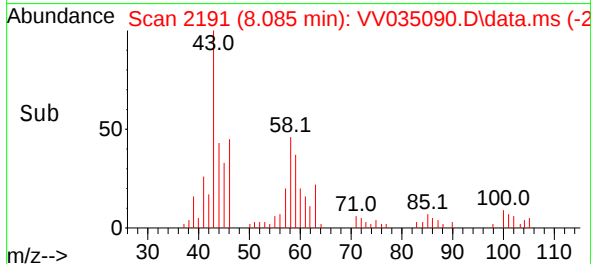
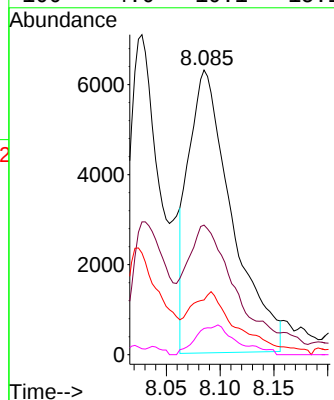
#48
2-Hexanone
Concen: 5.570 ug/L
RT: 8.085 min Scan# 2187
Delta R.T. 0.013 min
Lab File: VV035090.D
Acq: 09 Apr 2024 18:15

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 17645

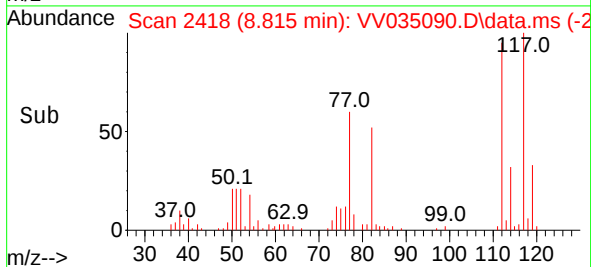
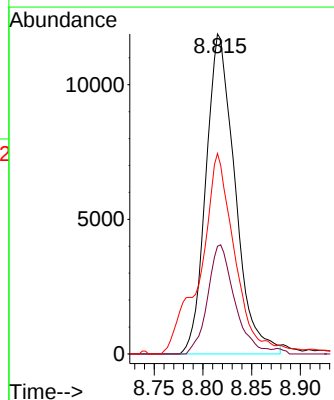
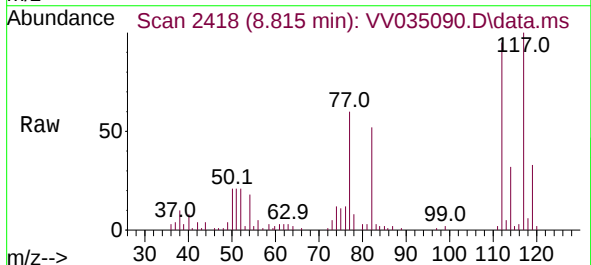
Ion	Ratio	Lower	Upper
43	100		
58	33.4	45.4	68.2#
57	24.8	16.2	24.4#
100	4.0	10.1	15.1#

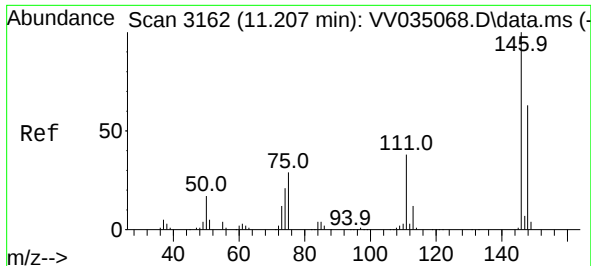


#51
Chlorobenzene
Concen: 3.444 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.003 min
Lab File: VV035090.D
Acq: 09 Apr 2024 18:15

Tgt Ion: 112 Resp: 24670

Ion	Ratio	Lower	Upper
112	100		
114	33.6	22.0	41.0
77	62.6	47.4	71.2





#65

1,4-Dichlorobenzene

Concen: 2.651 ug/L

RT: 11.210 min Scan# 3162

Delta R.T. 0.003 min

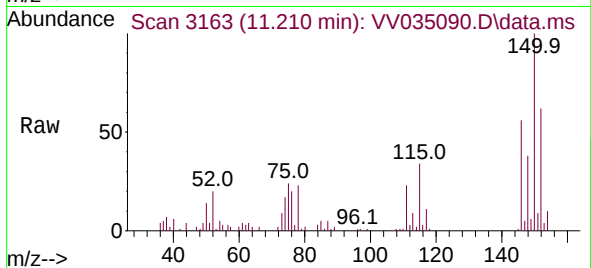
Lab File: VV035090.D

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Instrument :

MSVOA_V

ClientSampleId :



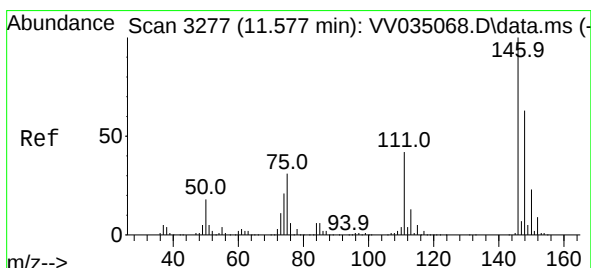
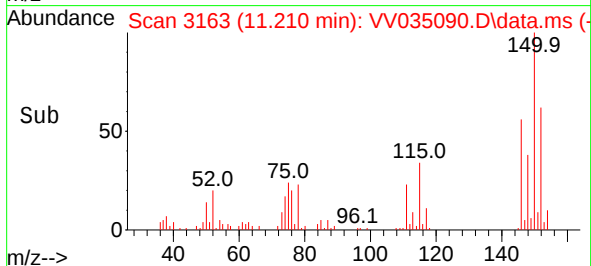
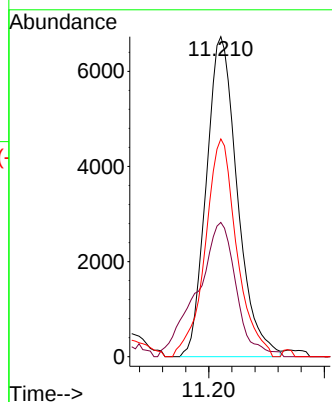
Tgt Ion:146 Resp: 12556

Ion Ratio Lower Upper

146 100

111 42.0 27.4 50.8

148 68.0 44.2 82.2



#67

1,2-Dichlorobenzene

Concen: 1.602 ug/L

RT: 11.580 min Scan# 3278

Delta R.T. 0.003 min

Lab File: VV035090.D

Acq: 09 Apr 2024 18:15

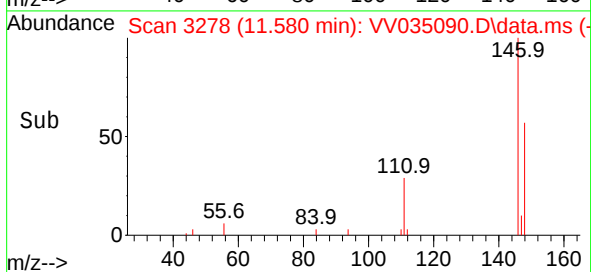
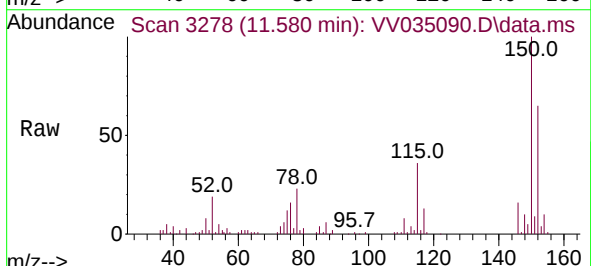
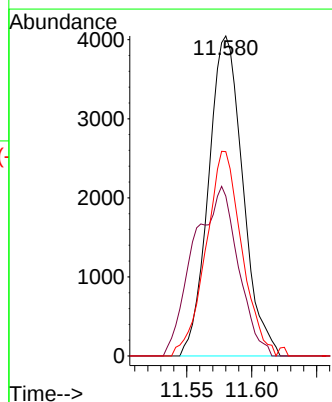
Tgt Ion:146 Resp: 7432

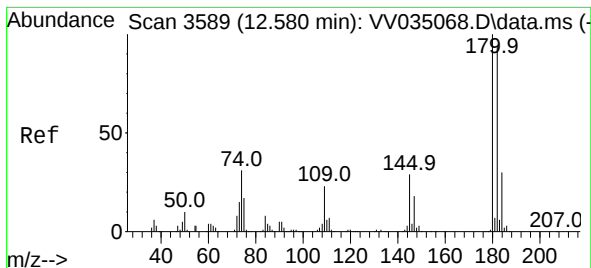
Ion Ratio Lower Upper

146 100

111 50.0 34.6 52.0

148 63.9 51.5 77.3





#69

1,3,5-Trichlorobenzene

Concen: 1.360 ug/L

RT: 13.204 min Scan# 31

Delta R.T. 0.624 min

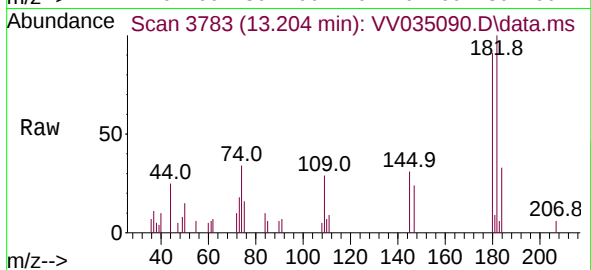
Lab File: VV035090.D

Acq: 09 Apr 2024 18:15

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 4565

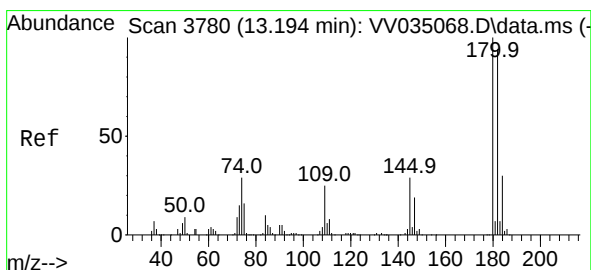
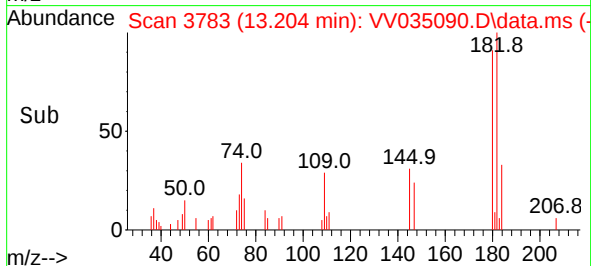
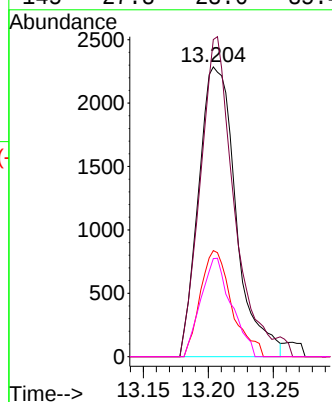
Ion Ratio Lower Upper

180 100

182 98.5 74.7 112.1

184 30.5 24.0 36.0

145 27.8 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 1.480 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. 0.010 min

Lab File: VV035090.D

Acq: 09 Apr 2024 18:15

Tgt Ion:180 Resp: 4565

Ion Ratio Lower Upper

180 100

182 98.5 75.6 113.4

145 27.8 24.1 36.1

