

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090424\
 Data File : VV037200.D
 Acq On : 04 Sep 2024 16:09
 Operator : SY/MD
 Sample : VV0904WBL01
 Misc : 5.00g/10mL/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 05 02:26:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM090424SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 05 02:17:17 2024
 Response via : Initial Calibration

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

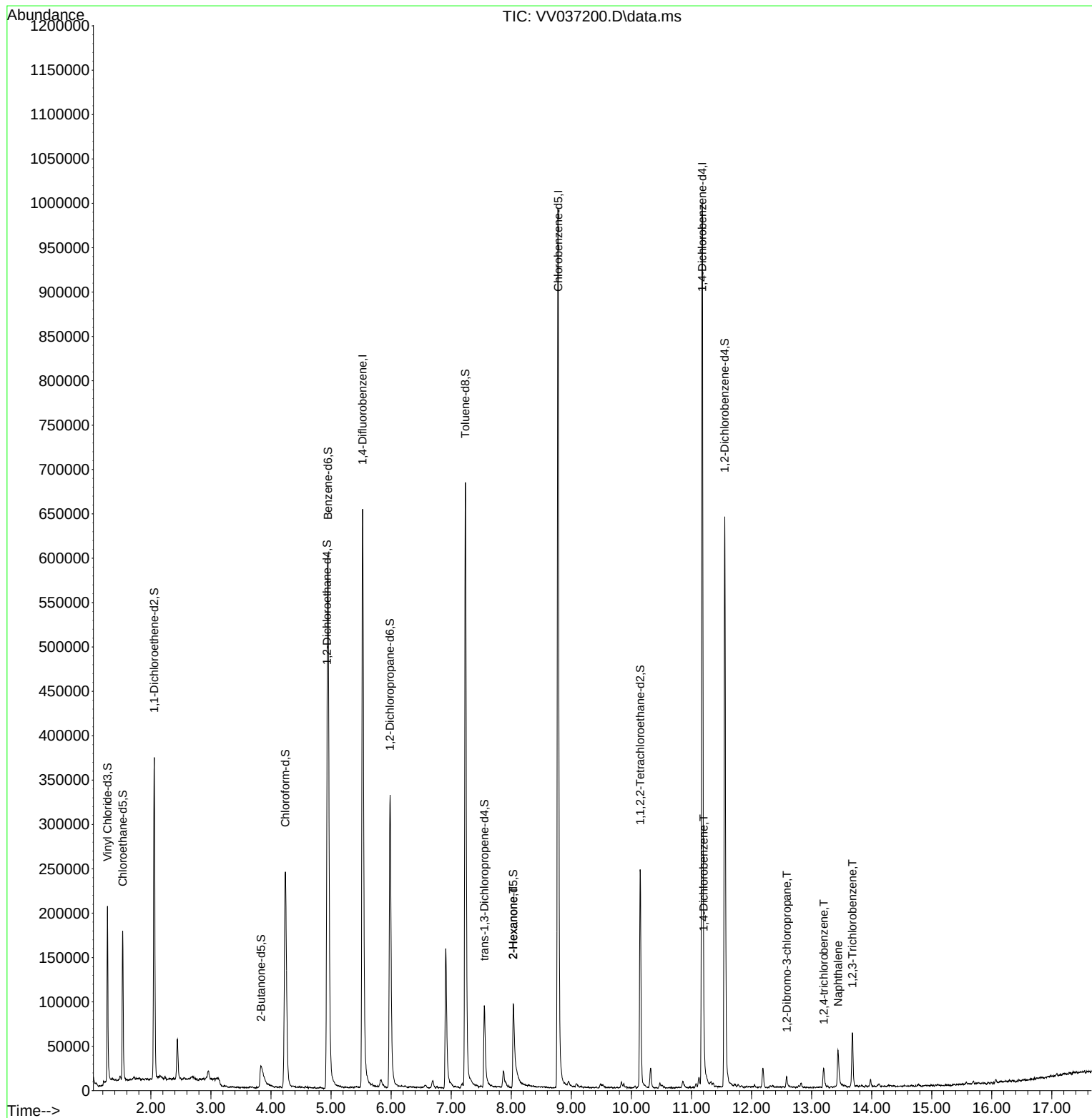
Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	574499	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	550932	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	258141	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	131764	12.804	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	51.200%
7) Chloroethane-d5	1.532	69	112095	14.033	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.120%
11) 1,1-Dichloroethene-d2	2.056	65	61177	13.217	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.880%
21) 2-Butanone-d5	3.835	46	44998	20.219	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	40.440%
24) Chloroform-d	4.240	84	263407	14.901	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	59.600%
26) 1,2-Dichloroethane-d4	4.934	65	140882	15.712	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	62.840%#
32) Benzene-d6	4.950	84	532068	15.284	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	61.120%
36) 1,2-Dichloropropane-d6	5.982	67	166690	15.456	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	61.840%#
41) Toluene-d8	7.236	98	460974	14.642	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	58.560%
43) trans-1,3-Dichloroprop...	7.551	79	56295	13.560	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	54.240%
47) 2-Hexanone-d5	8.034	63	35496	24.144	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	48.280%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	122132	14.733	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	58.920%
66) 1,2-Dichlorobenzene-d4	11.554	152	159296	15.809	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	63.240%#
Target Compounds						Qvalue
48) 2-Hexanone	8.034	43	4030	1.078	ug/L #	74
65) 1,4-Dichlorobenzene	11.204	146	5576	0.358	ug/L	82
68) 1,2-Dibromo-3-chloropr...	12.587	75	1048	0.976	ug/L #	5
70) 1,2,4-trichlorobenzene	13.204	180	6892	0.720	ug/L	98
71) Naphthalene	13.442	128	38562	2.065	ug/L	98
72) 1,2,3-Trichlorobenzene	13.680	180	6723	0.765	ug/L #	94

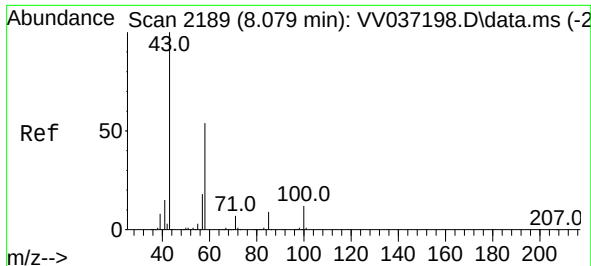
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00g/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

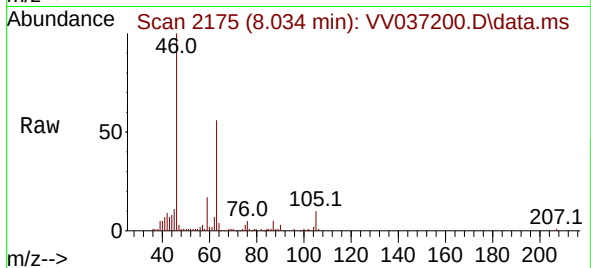
Quant Time: Sep 05 02:26:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM090424SMA.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 05 02:17:17 2024
Response via : Initial Calibration





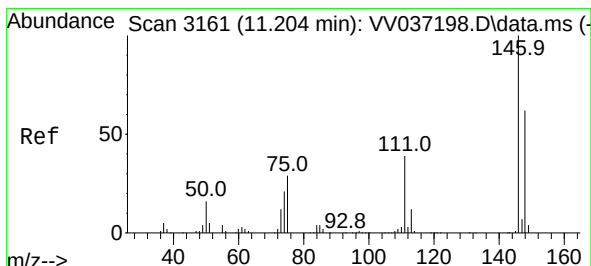
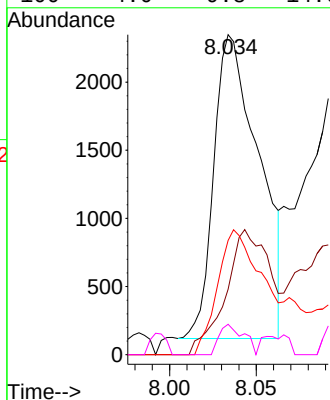
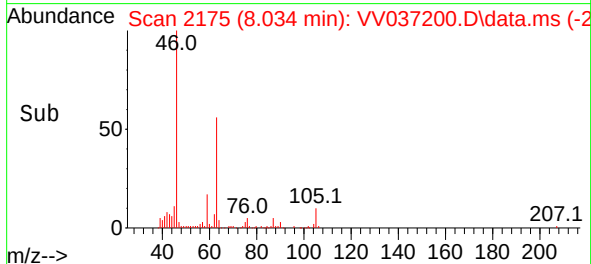
#48
2-Hexanone
Concen: 1.078 ug/L
RT: 8.034 min Scan# 2189
Delta R.T. -0.045 min
Lab File: VV037200.D
Acq: 04 Sep 2024 16:09

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 43 Resp: 4030

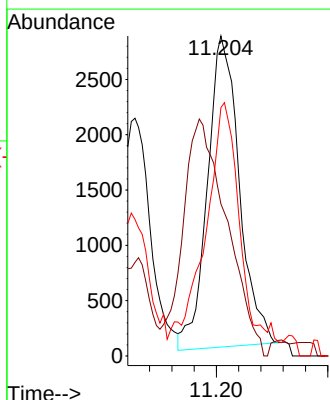
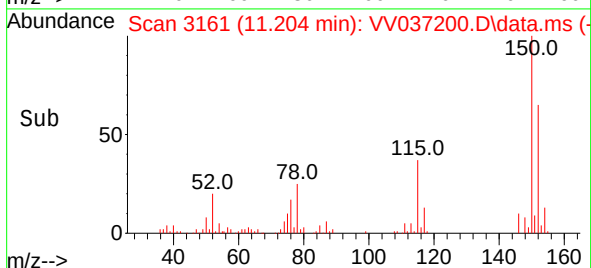
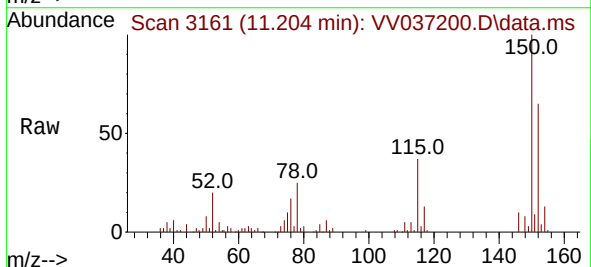
Ion	Ratio	Lower	Upper
43	100		
58	40.0	42.9	64.3#
57	40.5	14.6	21.8#
100	4.0	9.8	14.6#

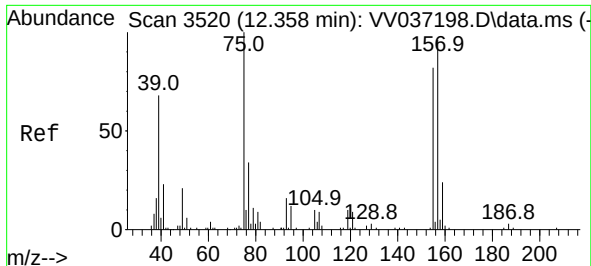


#65
1,4-Dichlorobenzene
Concen: 0.358 ug/L
RT: 11.204 min Scan# 3161
Delta R.T. 0.000 min
Lab File: VV037200.D
Acq: 04 Sep 2024 16:09

Tgt Ion: 146 Resp: 5576

Ion	Ratio	Lower	Upper
146	100		
111	47.5	27.6	51.4
148	77.6	43.3	80.5





#68

1,2-Dibromo-3-chloropropane

Concen: 0.976 ug/L

RT: 12.587 min Scan# 3591

Delta R.T. 0.228 min

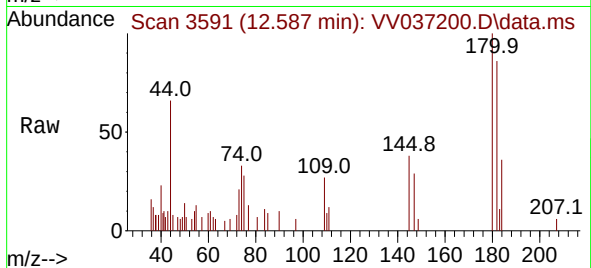
Lab File: VV037200.D

Acq: 04 Sep 2024 16:09

Instrument :

MSVOA_V

ClientSampleId :



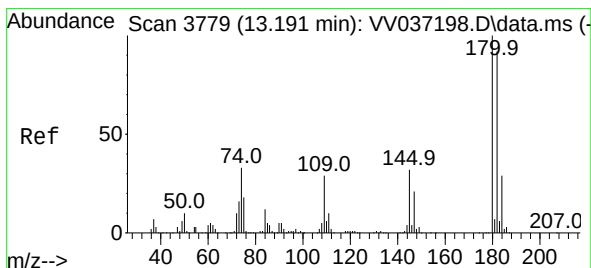
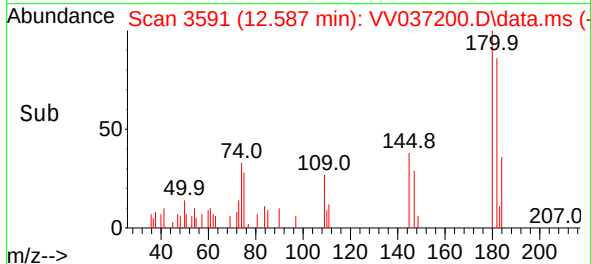
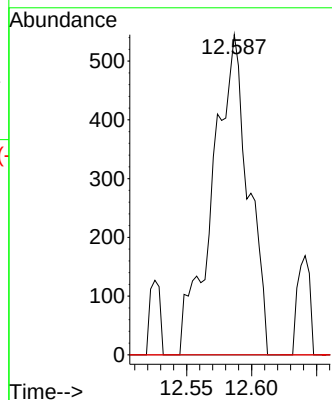
Tgt Ion: 75 Resp: 1048

Ion Ratio Lower Upper

75 100

155 0.0 65.6 98.4#

157 0.0 76.9 115.3#



#70

1,2,4-trichlorobenzene

Concen: 0.720 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. 0.013 min

Lab File: VV037200.D

Acq: 04 Sep 2024 16:09

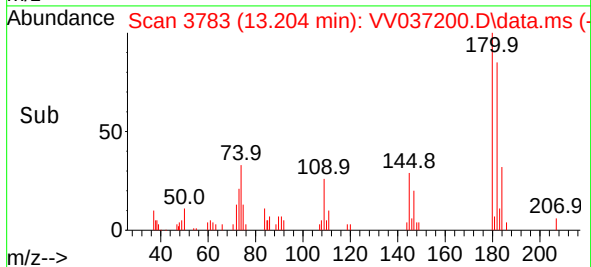
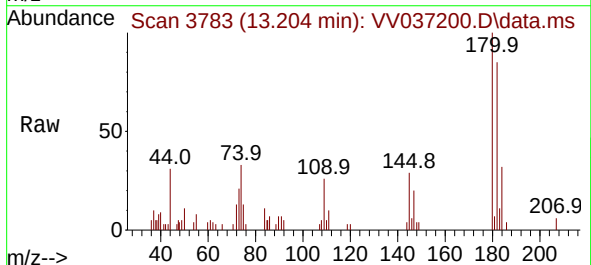
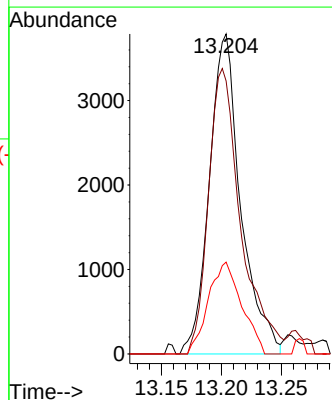
Tgt Ion: 180 Resp: 6892

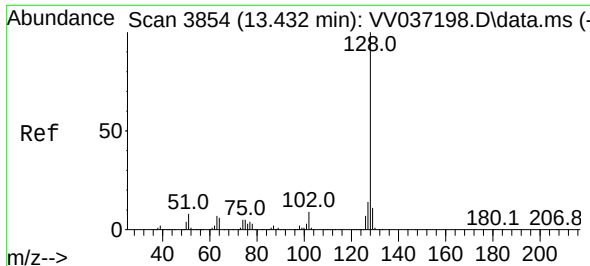
Ion Ratio Lower Upper

180 100

182 92.1 74.9 112.3

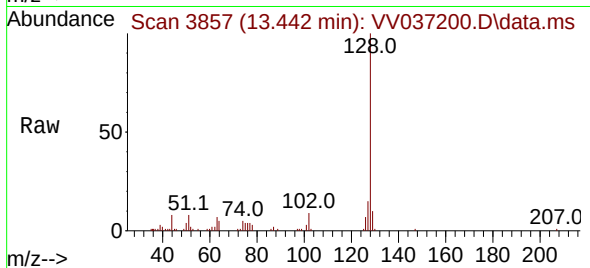
145 30.3 25.4 38.0



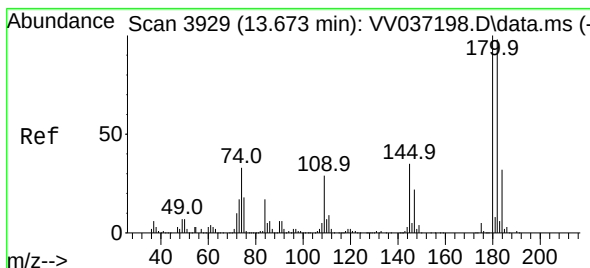
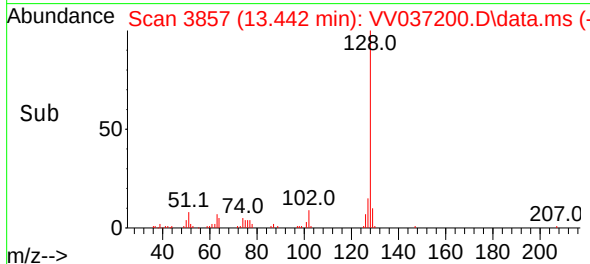
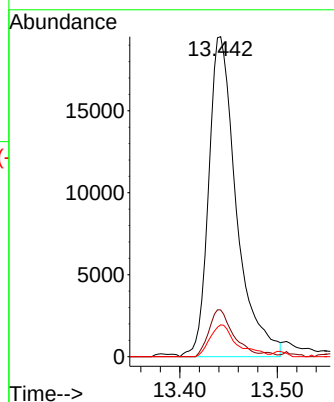


#71
Naphthalene
Concen: 2.065 ug/L
RT: 13.442 min Scan# 3854
Delta R.T. 0.010 min
Lab File: VV037200.D
Acq: 04 Sep 2024 16:09

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 38562
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 8.4 8.2 12.2



#72
1,2,3-Trichlorobenzene
Concen: 0.765 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. 0.007 min
Lab File: VV037200.D
Acq: 04 Sep 2024 16:09

Tgt Ion:180 Resp: 6723
Ion Ratio Lower Upper
180 100
182 95.6 78.0 117.0
145 45.0 27.9 41.9#

