

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042023\
 Data File : VD075763.D
 Acq On : 20 Apr 2023 12:59
 Operator : KP/SY
 Sample : VIBLK105
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK105

Quant Time: Apr 21 06:03:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 21 05:54:09 2023
 Response via : Initial Calibration

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

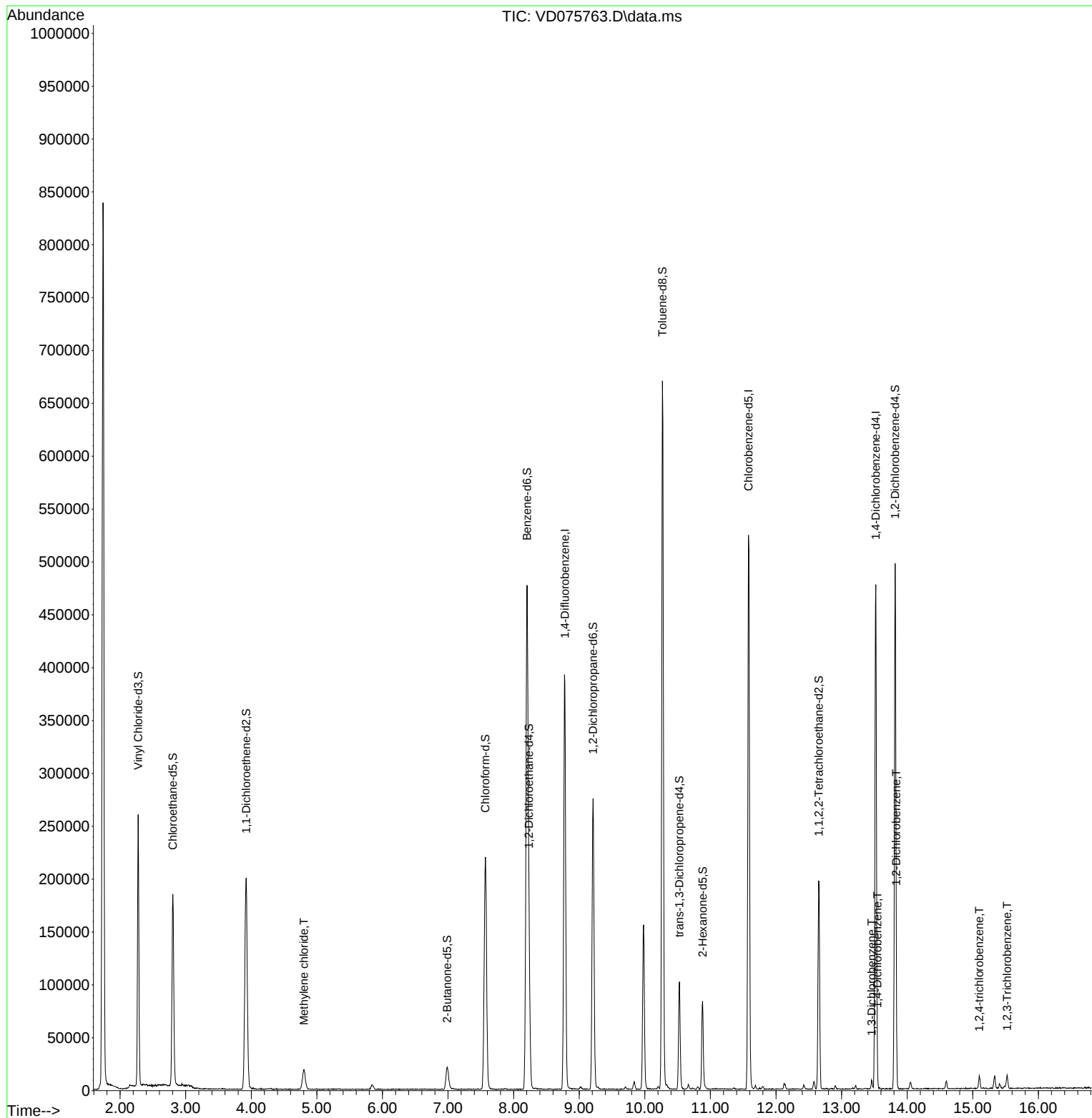
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	389366	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	345350	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	142428	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	237203	27.770	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.080%
7) Chloroethane-d5	2.805	69	201368	27.285	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.120%
11) 1,1-Dichloroethene-d2	3.922	65	55335	28.099	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	112.400%#
21) 2-Butanone-d5	6.987	46	36368	49.045	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.080%
24) Chloroform-d	7.569	84	243767	25.036	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.160%
26) 1,2-Dichloroethane-d4	8.234	65	108258	26.036	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.160%
32) Benzene-d6	8.205	84	545834	27.117	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.480%
36) 1,2-Dichloropropane-d6	9.210	67	149121	26.766	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.080%
41) Toluene-d8	10.269	98	506696	26.889	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.560%
43) trans-1,3-Dichloroprop...	10.528	79	60998	26.488	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.960%
47) 2-Hexanone-d5	10.881	63	31988	47.684	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	95.360%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	106325	24.939	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.760%
66) 1,2-Dichlorobenzene-d4	13.816	152	141377	28.063	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.240%
Target Compounds						Qvalue
16) Methylene chloride	4.805	84	17180	2.175	ug/L	87
64) 1,3-Dichlorobenzene	13.457	146	3696	0.409	ug/L	89
65) 1,4-Dichlorobenzene	13.545	146	4751	0.501	ug/L	99
67) 1,2-Dichlorobenzene	13.834	146	3742	0.464	ug/L #	87
70) 1,2,4-trichlorobenzene	15.098	180	4284	0.854	ug/L	97
72) 1,2,3-Trichlorobenzene	15.522	180	5530	1.234	ug/L	90

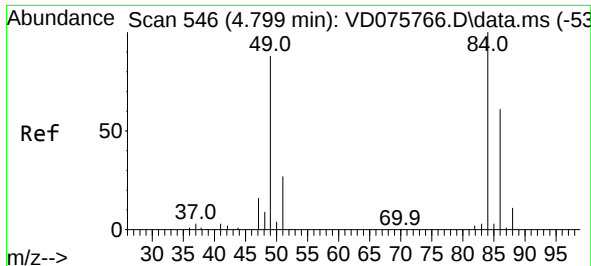
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Apr 21 05:54:09 2023
Response via : Initial Calibration

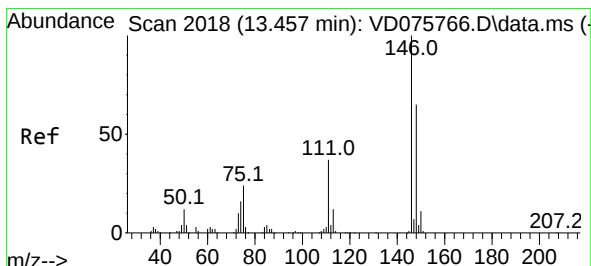
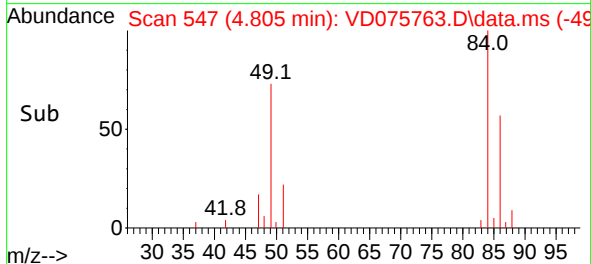
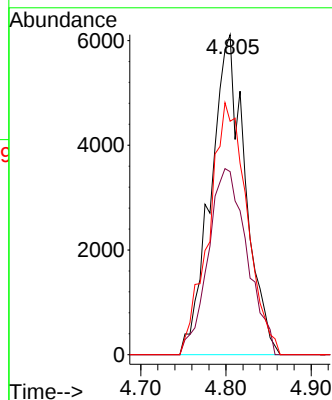
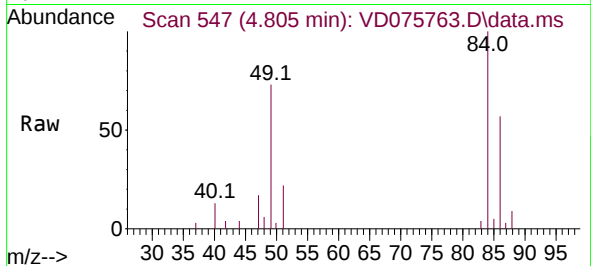




#16
Methylene chloride
Concen: 2.175 ug/L
RT: 4.805 min Scan# 546
Delta R.T. 0.000 min
Lab File: VD075763.D
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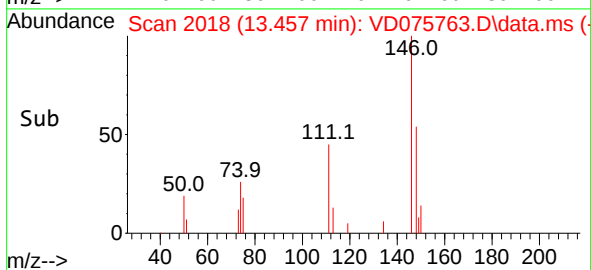
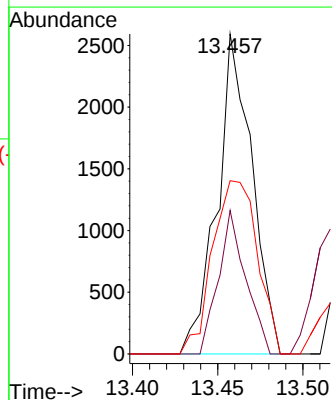
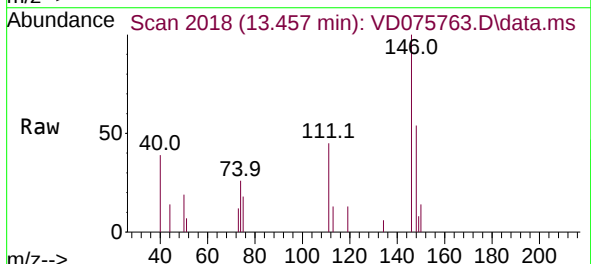
Instrument :
MSVOA_D
ClientSampleId :
VIBLK105

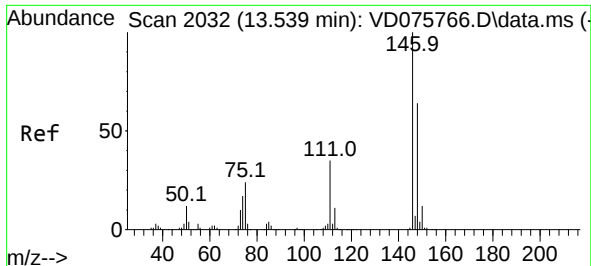
Tgt Ion: 84 Resp: 17180
Ion Ratio Lower Upper
84 100
86 57.2 45.8 85.2
49 73.0 60.8 112.8



#64
1,3-Dichlorobenzene
Concen: 0.409 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD075763.D
Acq: 20 Apr 2023 12:59

Tgt Ion:146 Resp: 3696
Ion Ratio Lower Upper
146 100
111 44.9 26.5 49.1
148 54.1 43.8 81.3

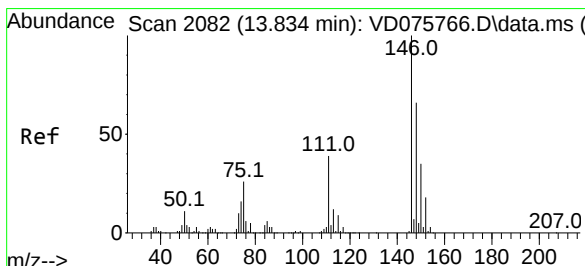
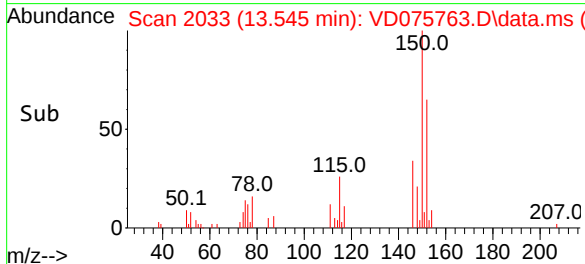
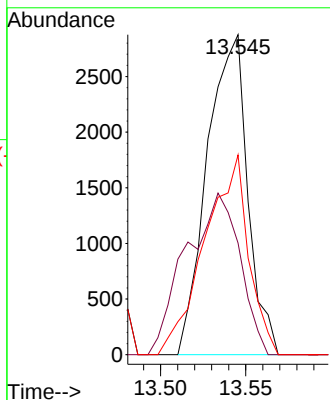
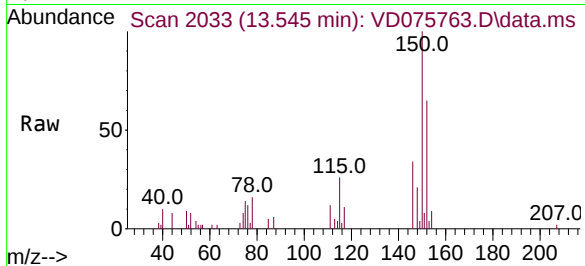




#65
1,4-Dichlorobenzene
Concen: 0.501 ug/L
RT: 13.545 min Scan# 2033
Delta R.T. 0.006 min
Lab File: VD075763.D
Acq: 20 Apr 2023 12:59

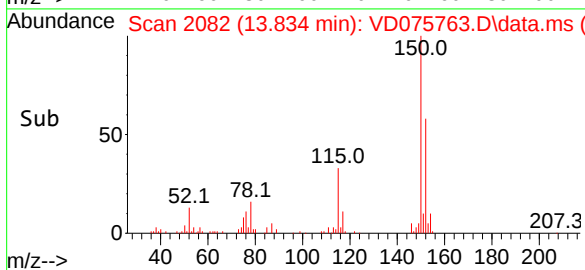
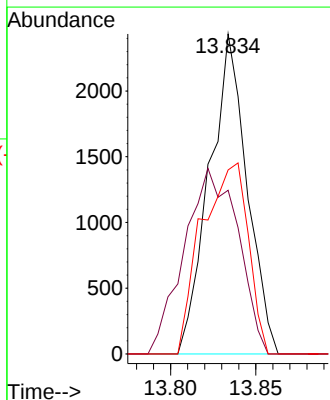
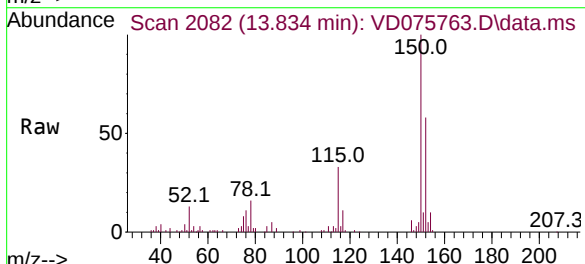
Instrument :
MSVOA_D
ClientSampleId :
VIBLK105

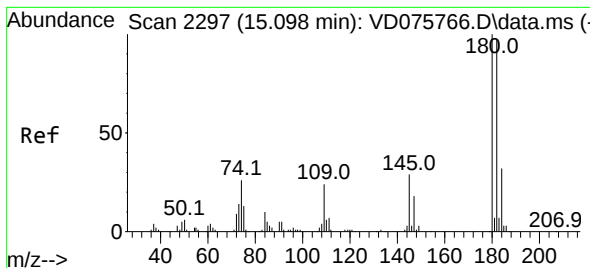
Tgt Ion:146 Resp: 4751
Ion Ratio Lower Upper
146 100
111 34.9 24.6 45.8
148 62.4 44.4 82.4



#67
1,2-Dichlorobenzene
Concen: 0.464 ug/L
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD075763.D
Acq: 20 Apr 2023 12:59

Tgt Ion:146 Resp: 3742
Ion Ratio Lower Upper
146 100
111 51.2 30.6 46.0#
148 57.5 51.4 77.0





#70

1,2,4-trichlorobenzene

Concen: 0.854 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. -0.006 min

Lab File: VD075763.D

Acq: 20 Apr 2023 12:59

Instrument :

MSVOA_D

ClientSampleId :

VIBLK105

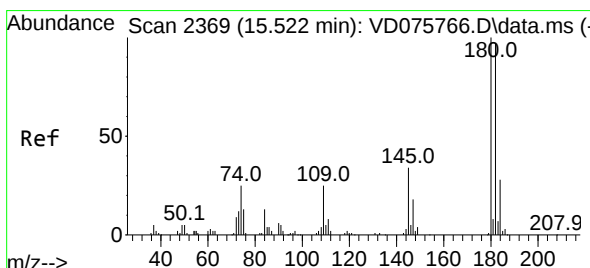
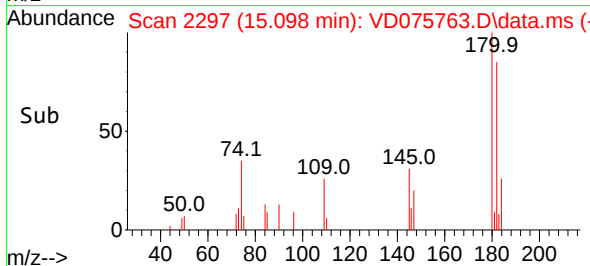
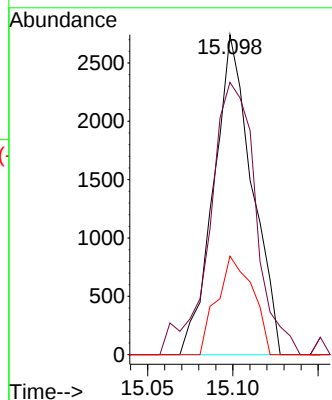
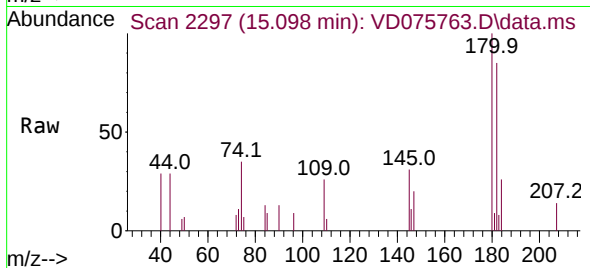
Tgt Ion:180 Resp: 4284

Ion Ratio Lower Upper

180 100

182 98.1 75.4 113.2

145 28.7 23.6 35.4



#72

1,2,3-Trichlorobenzene

Concen: 1.234 ug/L

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD075763.D

Acq: 20 Apr 2023 12:59

Tgt Ion:180 Resp: 5530

Ion Ratio Lower Upper

180 100

182 83.7 76.3 114.5

145 29.6 25.0 37.6

