

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050523\
 Data File : VD076022.D
 Acq On : 05 May 2023 13:35
 Operator : KP/SY
 Sample : 02589-17RE
 Misc : 5.26G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 06 00:23:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat May 06 00:21:26 2023
 Response via : Initial Calibration

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

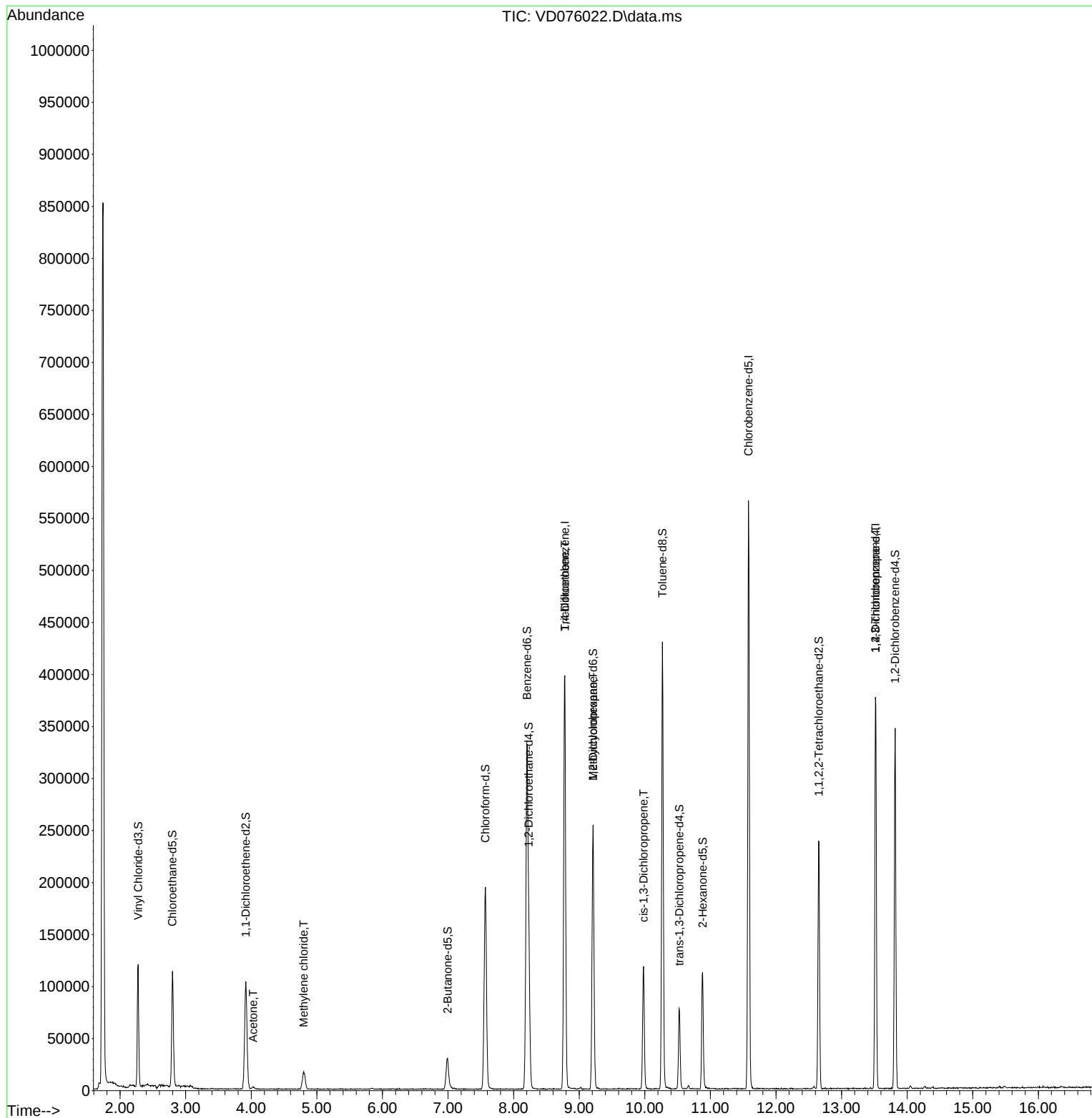
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	395585	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	349615	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	117132	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	111173	12.811	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	51.240%		
7) Chloroethane-d5	2.799	69	118358	15.785	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	63.160%		
11) 1,1-Dichloroethene-d2	3.917	65	28607	14.298	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	57.200%		
21) 2-Butanone-d5	6.993	46	50810	67.444	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	134.880%		
24) Chloroform-d	7.569	84	207690	20.995	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	84.000%		
26) 1,2-Dichloroethane-d4	8.228	65	99082	23.455	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	93.800%		
32) Benzene-d6	8.205	84	364095	17.868	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	71.480%		
36) 1,2-Dichloropropane-d6	9.210	67	132707	23.529	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	94.120%		
41) Toluene-d8	10.269	98	310460	16.274	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	65.080%		
43) trans-1,3-Dichloroprop...	10.528	79	47922	20.556	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	82.240%		
47) 2-Hexanone-d5	10.881	63	40470	59.592	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	119.180%		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	125494	29.077	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	116.320%		
66) 1,2-Dichlorobenzene-d4	13.816	152	100861	24.344	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	97.360%		
Target Compounds					Qvalue	
13) Acetone	4.028	43	3407	5.285	ug/L	93
16) Methylene chloride	4.799	84	14769	1.840	ug/L	93
34) Trichloroethene	8.781	95	9812	1.794	ug/L #	2
35) Methylcyclohexane	9.210	83	31231	3.704	ug/L #	24
39) cis-1,3-Dichloropropene	9.981	75	3229	0.418	ug/L #	66
61) 1,2,3-Trichloropropane	13.516	75	12350	6.712	ug/L #	62

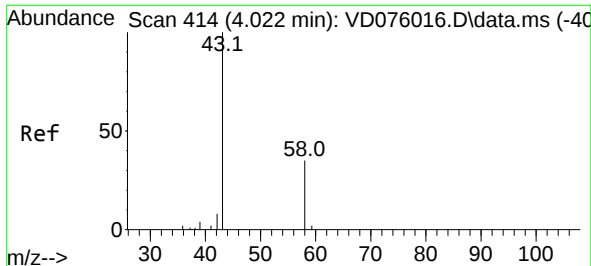
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050523\
Data File : VD076022.D
Acq On : 05 May 2023 13:35
Operator : KP/SY
Sample : 02589-17RE
Misc : 5.26G/10.00ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: May 06 00:23:28 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0
QLast Update : Sat May 06 00:21:26 2023
Response via : Initial Calibration





#13

Acetone

Concen: 5.285 ug/L

RT: 4.028 min Scan# 41

Delta R.T. 0.006 min

Lab File: VD076022.D

Acq: 05 May 2023 13:35

Instrument :

MSVOA_D

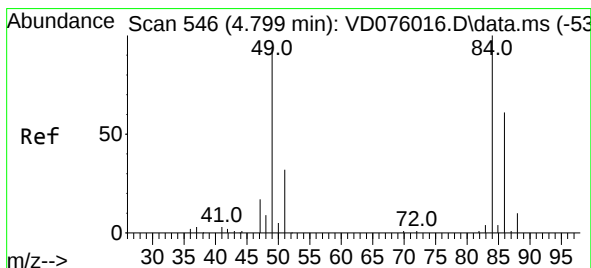
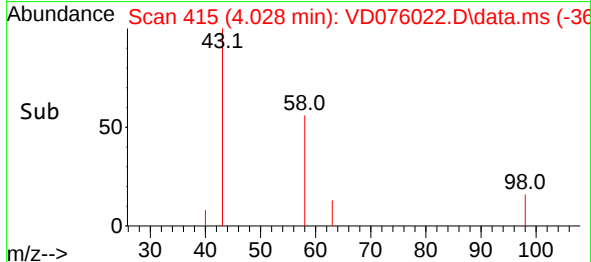
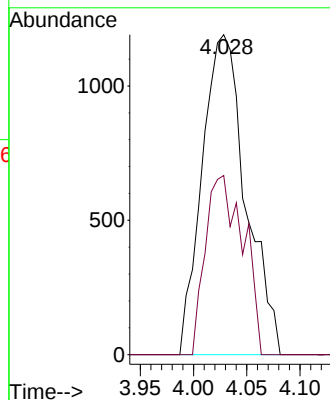
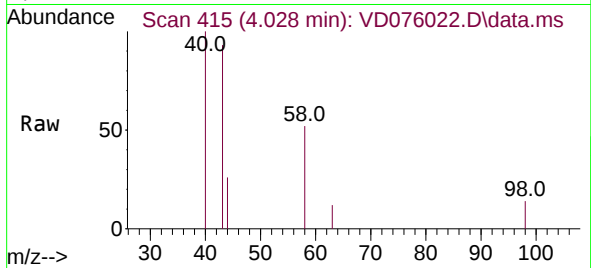
ClientSampleId :

Tgt Ion: 43 Resp: 3407

Ion Ratio Lower Upper

43 100

58 48.4 0.0 87.4



#16

Methylene chloride

Concen: 1.840 ug/L

RT: 4.799 min Scan# 546

Delta R.T. 0.000 min

Lab File: VD076022.D

Acq: 05 May 2023 13:35

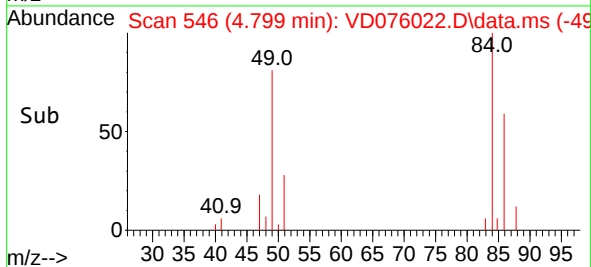
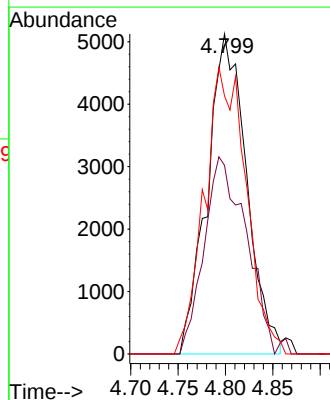
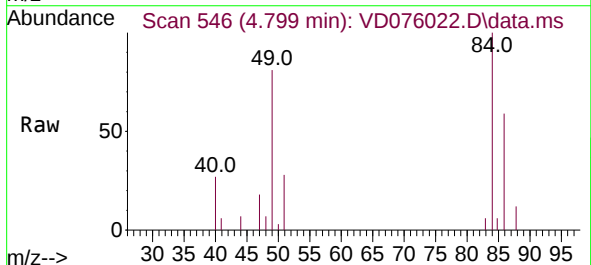
Tgt Ion: 84 Resp: 14769

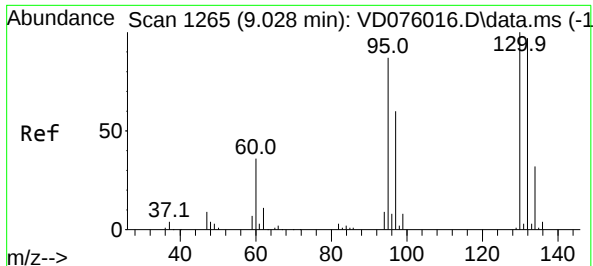
Ion Ratio Lower Upper

84 100

86 58.9 45.8 85.2

49 80.6 60.8 112.8

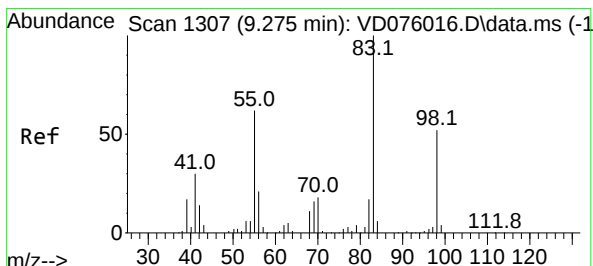
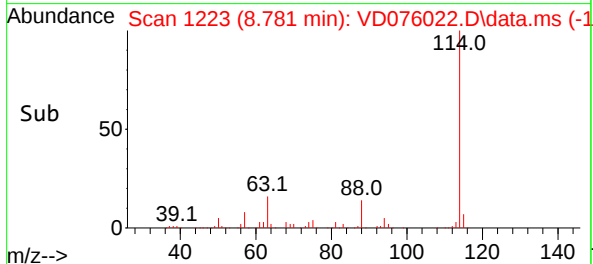
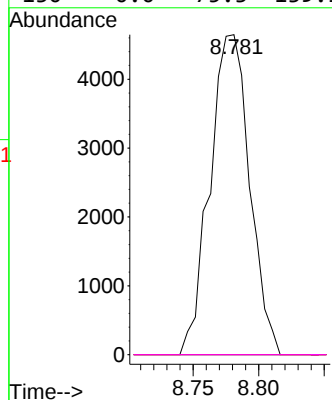
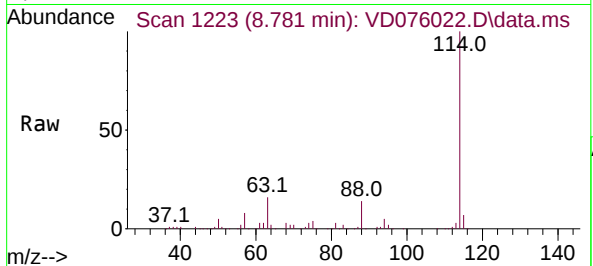




#34
Trichloroethene
Concen: 1.794 ug/L
RT: 8.781 min Scan# 1296
Delta R.T. -0.247 min
Lab File: VD076022.D
Acq: 05 May 2023 13:35

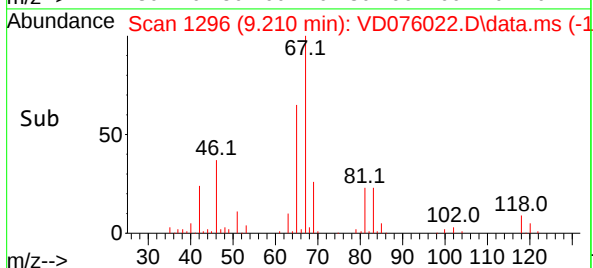
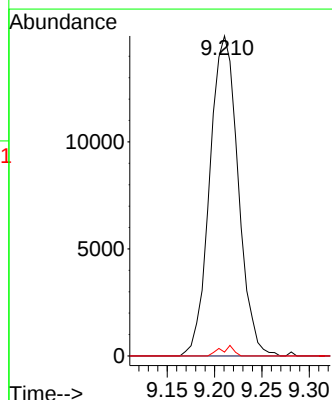
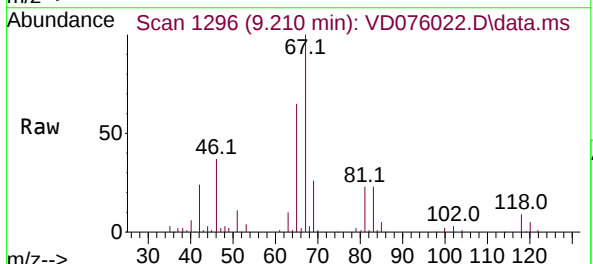
Instrument :
MSVOA_D
ClientSampleId :

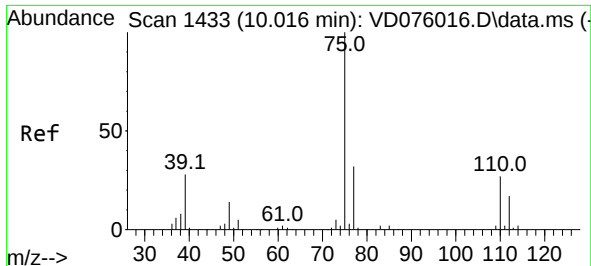
Tgt Ion: 95	Resp: 9812
Ion Ratio	Lower Upper
95	100
97	0.0 46.0 85.4#
132	0.0 73.3 136.1#
130	0.0 75.3 139.9#



#35
Methylcyclohexane
Concen: 3.704 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.064 min
Lab File: VD076022.D
Acq: 05 May 2023 13:35

Tgt Ion: 83	Resp: 31231
Ion Ratio	Lower Upper
83	100
55	0.0 48.2 72.2#
98	0.8 40.8 61.2#





#39

cis-1,3-Dichloropropene

Concen: 0.418 ug/L

RT: 9.981 min Scan# 14

Delta R.T. -0.035 min

Lab File: VD076022.D

Acq: 05 May 2023 13:35

Instrument :

MSVOA_D

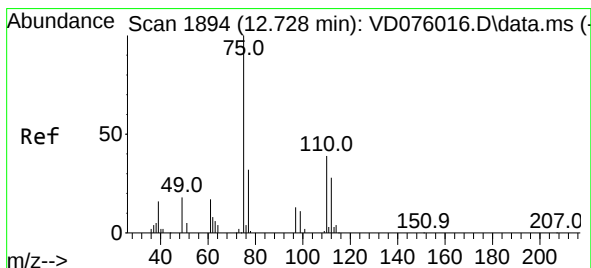
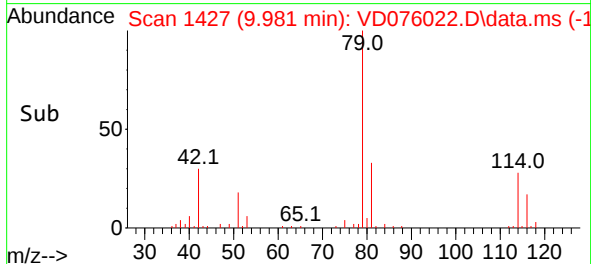
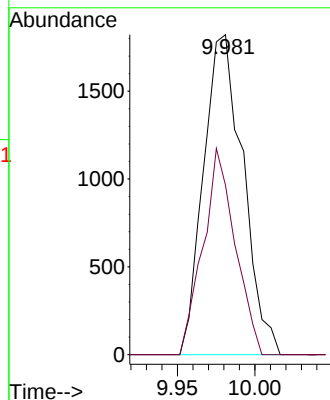
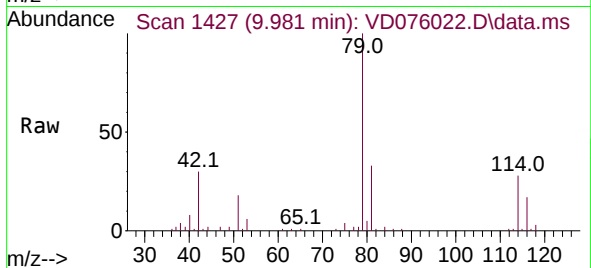
ClientSampleId :

Tgt Ion: 75 Resp: 3229

Ion Ratio Lower Upper

75 100

77 53.0 23.4 43.6#



#61

1,2,3-Trichloropropane

Concen: 6.712 ug/L

RT: 13.516 min Scan# 2028

Delta R.T. 0.789 min

Lab File: VD076022.D

Acq: 05 May 2023 13:35

Tgt Ion: 75 Resp: 12350

Ion Ratio Lower Upper

75 100

77 31.1 26.6 39.8

110 1.1 33.5 50.3#

