

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050823\
 Data File : VD076039.D
 Acq On : 08 May 2023 15:03
 Operator : KP/SY
 Sample : 02591-24
 Misc : 4.46G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 09 02:37:30 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)

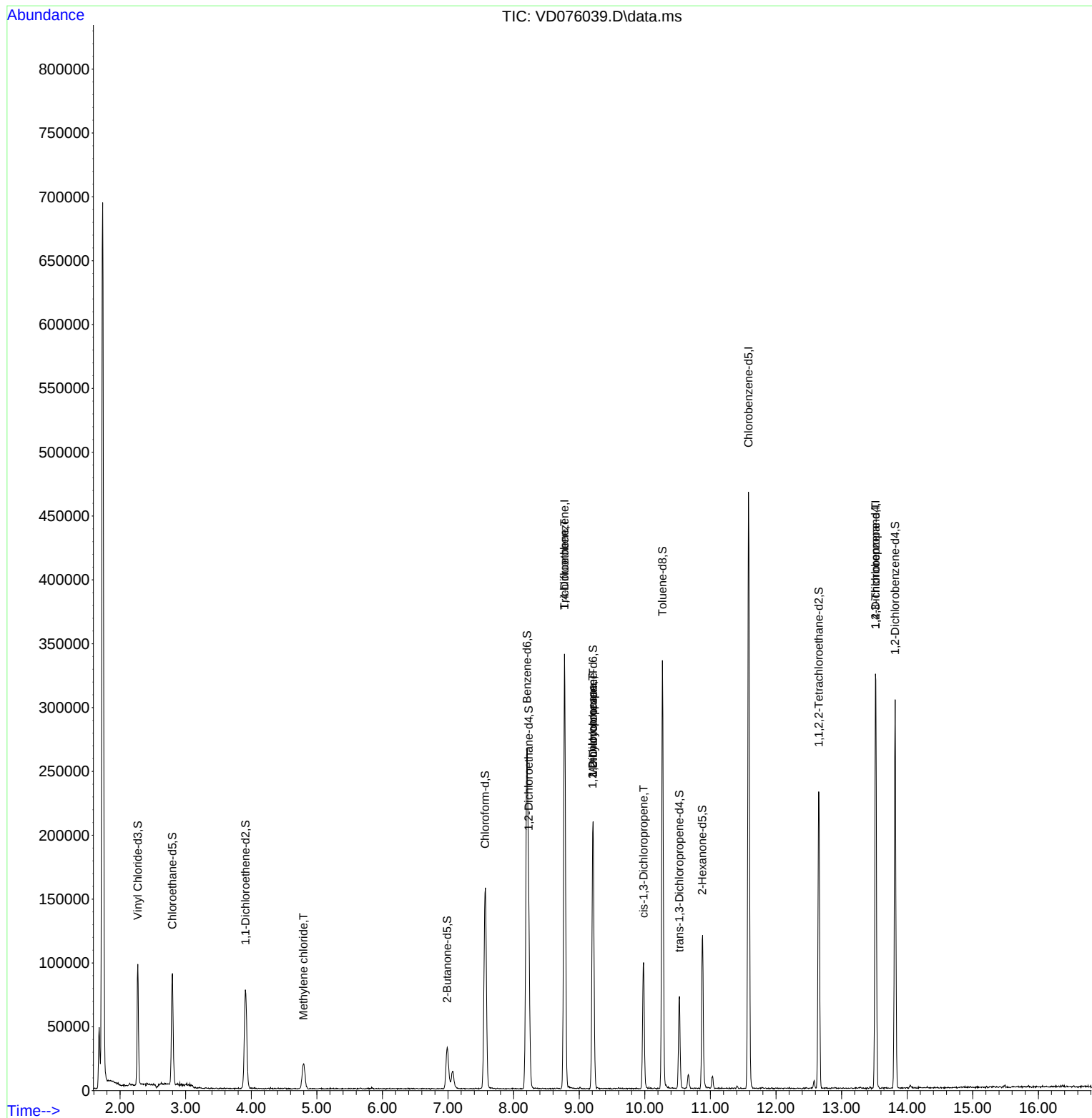
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	325322	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	299185	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	99590	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	89172	12.495	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	49.960%
7) Chloroethane-d5	2.799	69	96916	15.717	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.880%
11) 1,1-Dichloroethene-d2	3.911	65	22616	13.745	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.000%
21) 2-Butanone-d5	6.987	46	54350	87.724	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	175.440%#
24) Chloroform-d	7.563	84	176714	21.722	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.880%
26) 1,2-Dichloroethane-d4	8.228	65	91253	26.267	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	105.080%
32) Benzene-d6	8.205	84	299831	17.194	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	68.760%
36) 1,2-Dichloropropane-d6	9.210	67	111991	23.203	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.800%
41) Toluene-d8	10.269	98	239856	14.692	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	58.760%
43) trans-1,3-Dichloroprop...	10.528	79	43585	21.847	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.400%
47) 2-Hexanone-d5	10.875	63	43765	75.307	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	150.620%#
56) 1,1,2,2-Tetrachloroeth...	12.651	84	125791	34.058	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	136.240%#
66) 1,2-Dichlorobenzene-d4	13.816	152	87501	24.840	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.360%
Target Compounds						
					Qvalue	
16) Methylene chloride	4.793	84	10178	1.542	ug/L	91
34) Trichloroethene	8.775	95	7785	1.663	ug/L #	2
35) Methylcyclohexane	9.210	83	27192	3.768	ug/L #	24
37) 1,2-Dichloropropane	9.204	63	11295	2.717	ug/L #	85
39) cis-1,3-Dichloropropene	9.981	75	2560	0.387	ug/L #	68
61) 1,2,3-Trichloropropane	13.516	75	10561	6.751	ug/L #	61

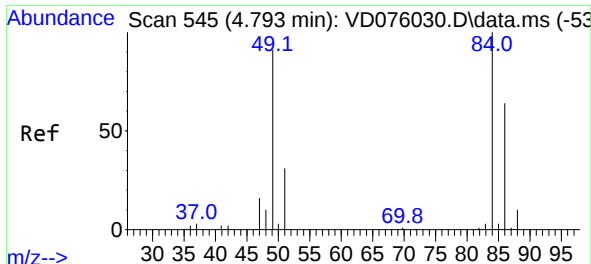
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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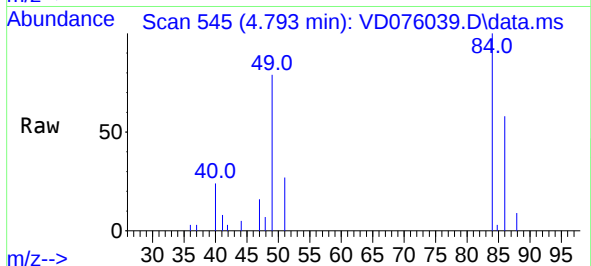
Quant Time: May 09 02:37:30 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
Quant Title : SFAM01.0
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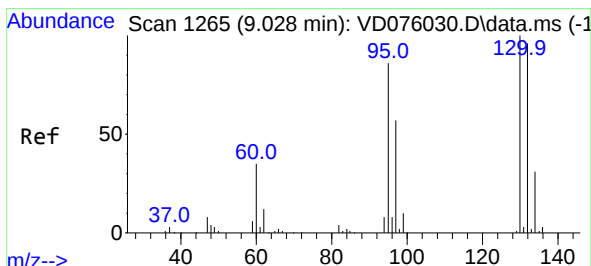
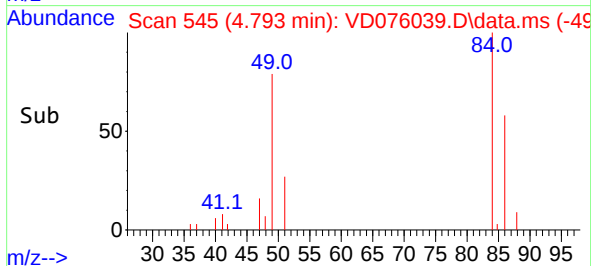
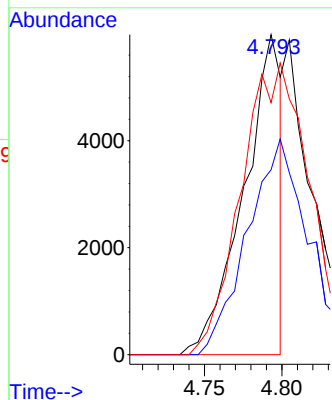


#16
Methylene chloride
Concen: 1.542 ug/L
RT: 4.793 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD076039.D
Acq: 08 May 2023 15:03

Instrument :
MSVOA_D
ClientSampleId :

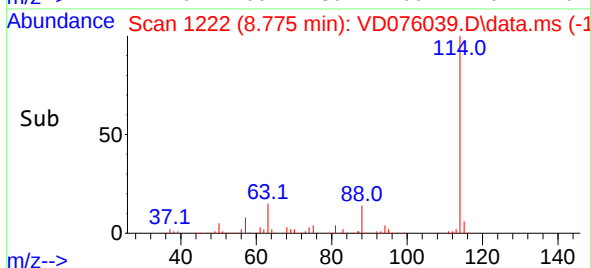
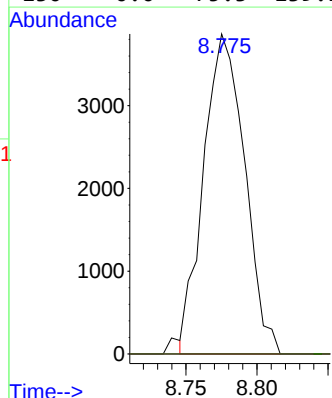
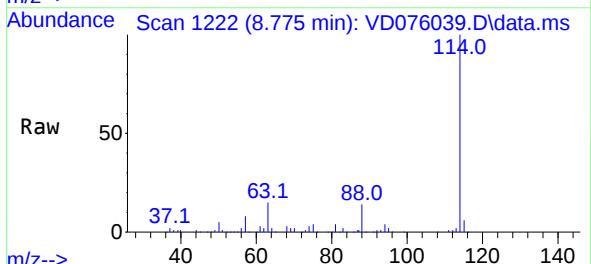


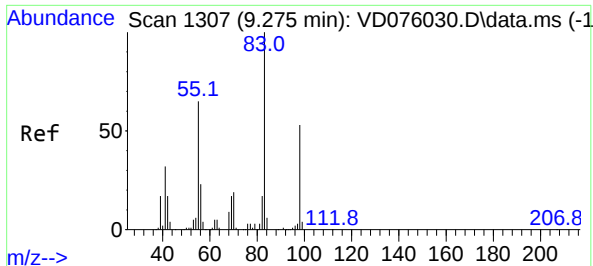
Tgt Ion: 84 Resp: 10178
Ion Ratio Lower Upper
84 100
86 57.8 45.8 85.2
49 78.7 60.8 112.8



#34
Trichloroethene
Concen: 1.663 ug/L
RT: 8.775 min Scan# 1222
Delta R.T. -0.253 min
Lab File: VD076039.D
Acq: 08 May 2023 15:03

Tgt Ion: 95 Resp: 7785
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: 3.768 ug/L

RT: 9.210 min Scan# 1296

Delta R.T. -0.064 min

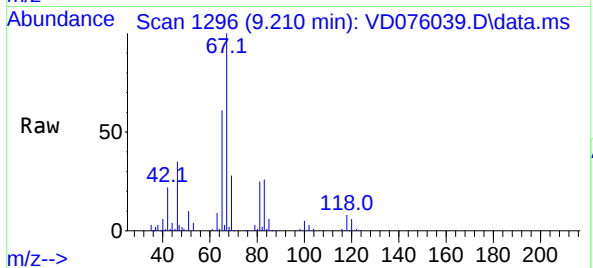
Lab File: VD076039.D

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Instrument :

MSVOA_D

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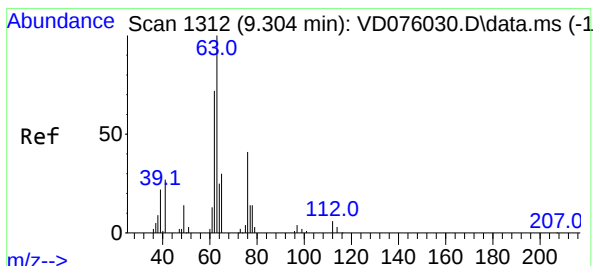
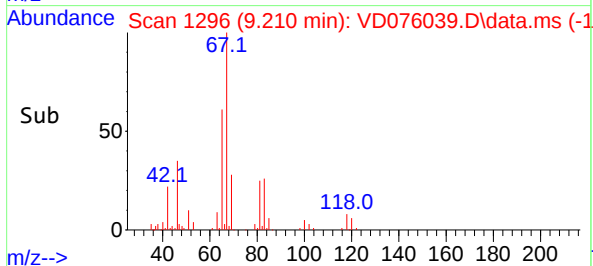
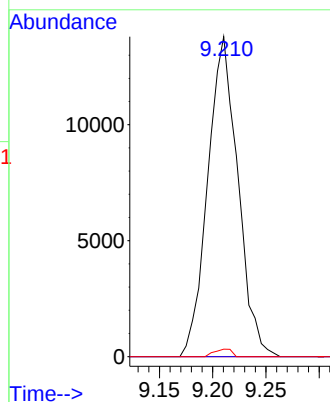
Tgt Ion: 83 Resp: 27192

Ion Ratio Lower Upper

83 100

55 0.0 48.2 72.2#

98 1.4 40.8 61.2#



#37

1,2-Dichloropropane

Concen: 2.717 ug/L

RT: 9.204 min Scan# 1295

Delta R.T. -0.100 min

Lab File: VD076039.D

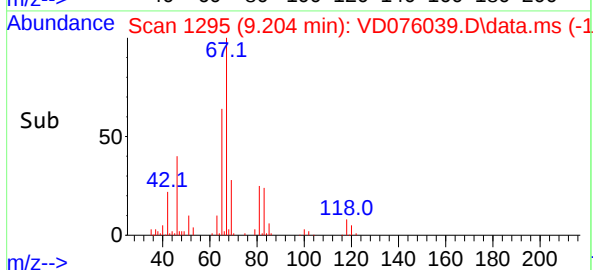
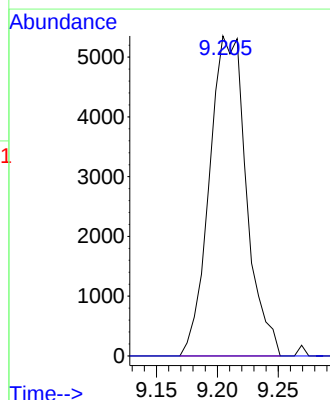
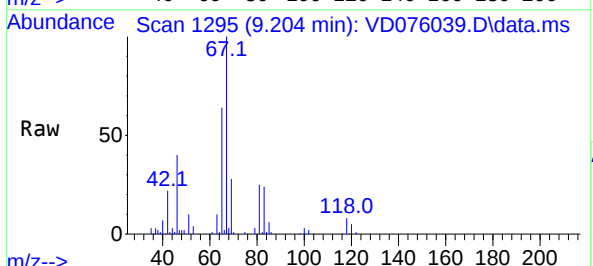
Acq: 08 May 2023 15:03

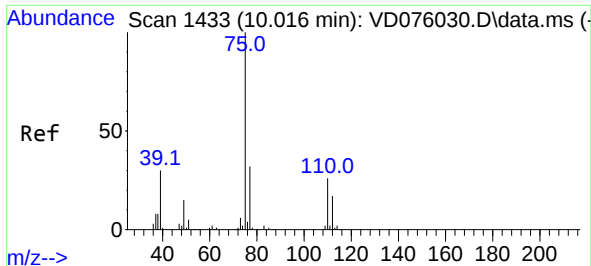
Tgt Ion: 63 Resp: 11295

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 0.387 ug/L

RT: 9.981 min Scan# 14

Delta R.T. -0.035 min

Lab File: VD076039.D

Acq: 08 May 2023 15:03

Instrument :

MSVOA_D

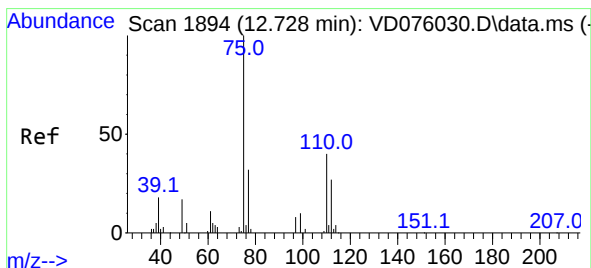
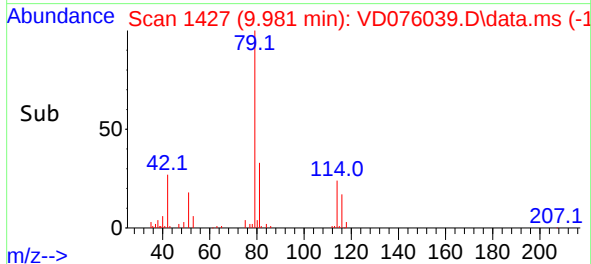
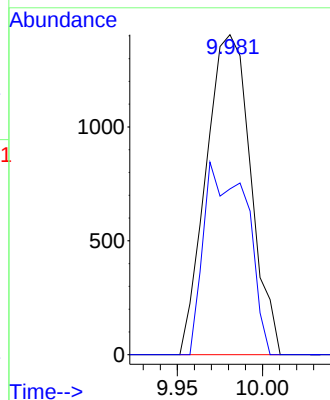
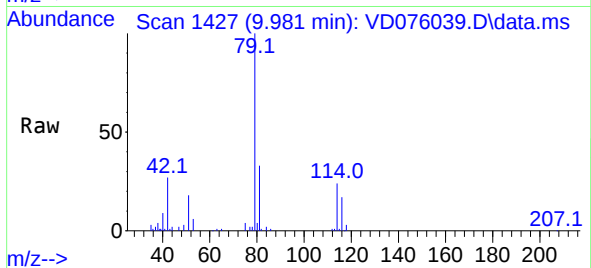
ClientSampleId :

Tgt Ion: 75 Resp: 2560

Ion Ratio Lower Upper

75 100

77 51.8 23.4 43.6#



#61

1,2,3-Trichloropropane

Concen: 6.751 ug/L

RT: 13.516 min Scan# 2028

Delta R.T. 0.789 min

Lab File: VD076039.D

Acq: 08 May 2023 15:03

Tgt Ion: 75 Resp: 10561

Ion Ratio Lower Upper

75 100

77 29.4 26.6 39.8

110 0.6 33.5 50.3#

