

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050823\
 Data File : VD076040.D
 Acq On : 08 May 2023 15:33
 Operator : KP/SY
 Sample : 02591-25
 Misc : 4.84G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JREB5

Quant Time: May 09 02:37:36 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)

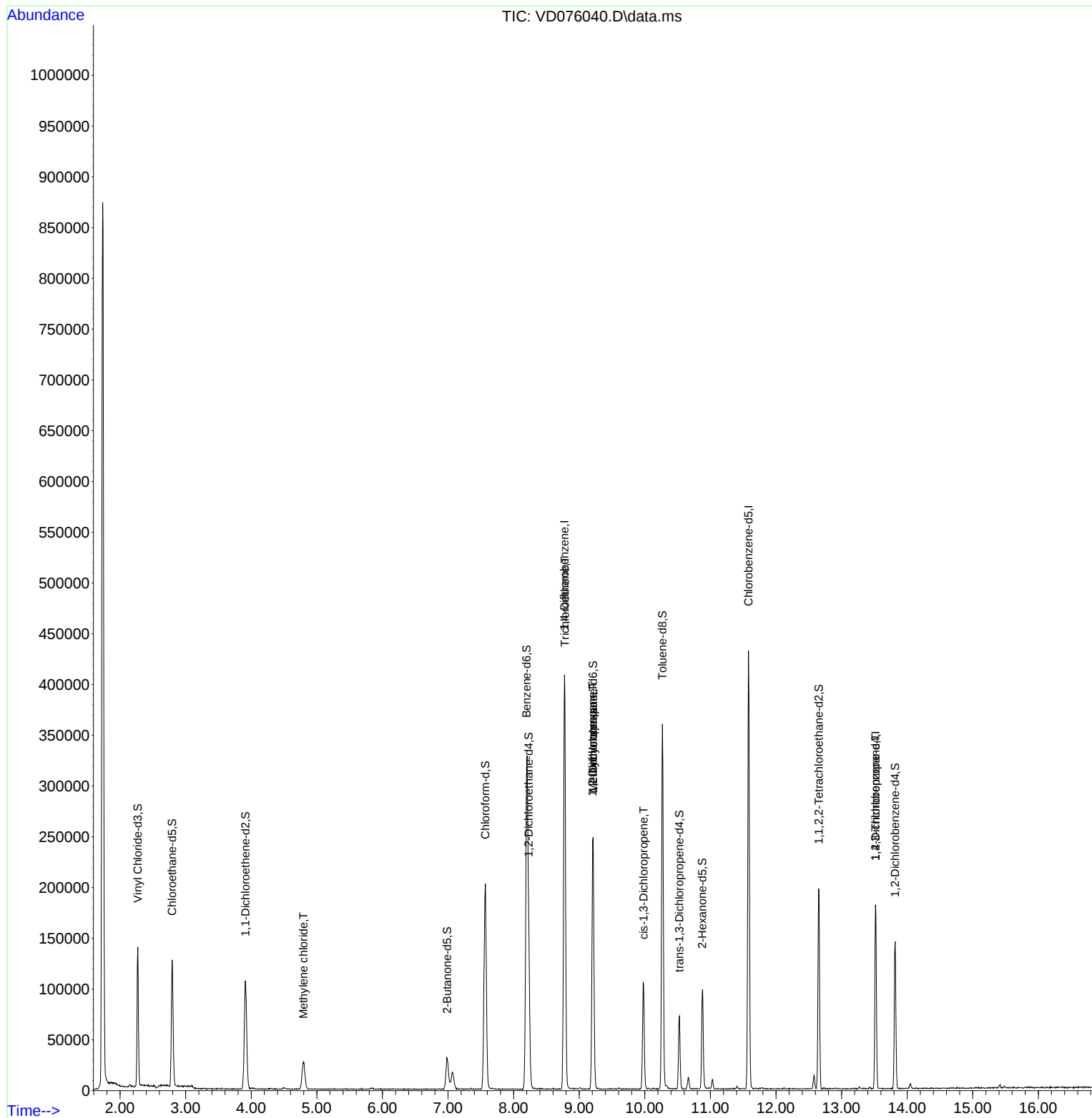
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	402565	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	273700	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	56526	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	129895	14.709	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	58.840%
7) Chloroethane-d5	2.793	69	136027	17.827	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.320%
11) 1,1-Dichloroethene-d2	3.911	65	28989	14.238	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.960%
21) 2-Butanone-d5	6.987	46	50819	66.286	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	132.580%
24) Chloroform-d	7.569	84	219095	21.764	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.040%
26) 1,2-Dichloroethane-d4	8.228	65	99317	23.103	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	8.199	84	372263	23.336	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.360%
36) 1,2-Dichloropropane-d6	9.210	67	132969	30.114	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	120.440%#
41) Toluene-d8	10.269	98	267394	17.904	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	71.600%
43) trans-1,3-Dichloroprop...	10.528	79	42494	23.283	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.120%
47) 2-Hexanone-d5	10.875	63	35985	67.685	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	135.380%#
56) 1,1,2,2-Tetrachloroeth...	12.651	84	105663	31.272	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	125.080%#
66) 1,2-Dichlorobenzene-d4	13.816	152	44097	22.055	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.240%
Target Compounds						Qvalue
16) Methylene chloride	4.793	84	23838	2.919	ug/L	88
34) Trichloroethene	8.781	95	9718	2.270	ug/L	# 2
35) Methylcyclohexane	9.210	83	31960	4.842	ug/L	# 24
37) 1,2-Dichloropropane	9.204	63	13276	3.491	ug/L	# 85
39) cis-1,3-Dichloropropene	9.981	75	2481	0.410	ug/L	# 21
61) 1,2,3-Trichloropropane	13.516	75	5726	6.448	ug/L	# 61

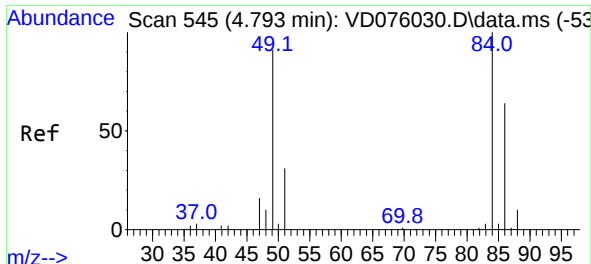
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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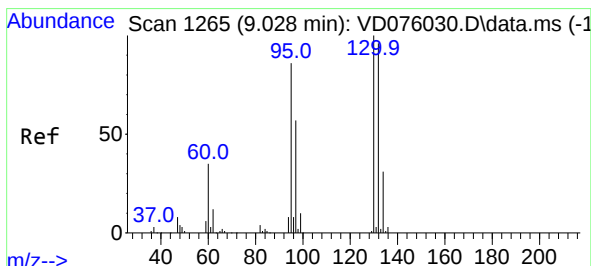
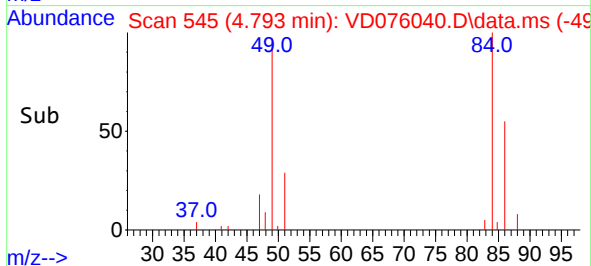
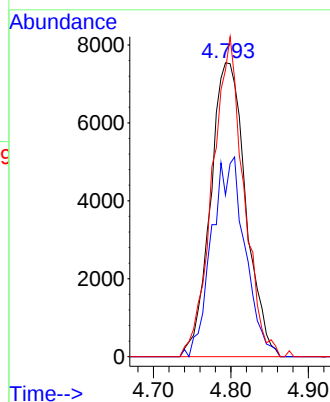
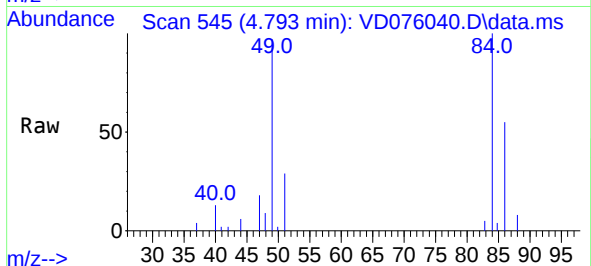




#16
Methylene chloride
Concen: 2.919 ug/L
RT: 4.793 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD076040.D
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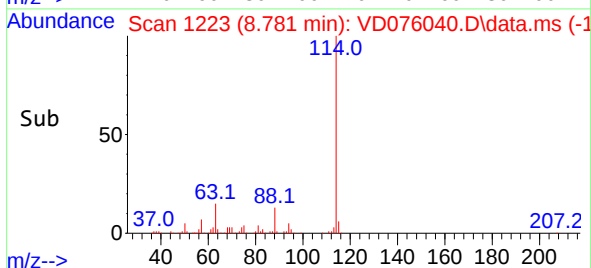
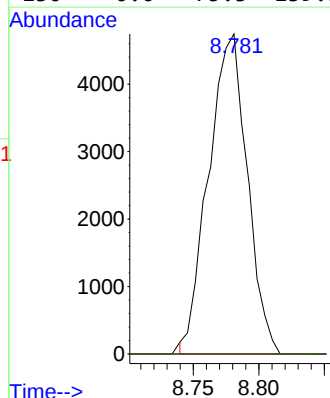
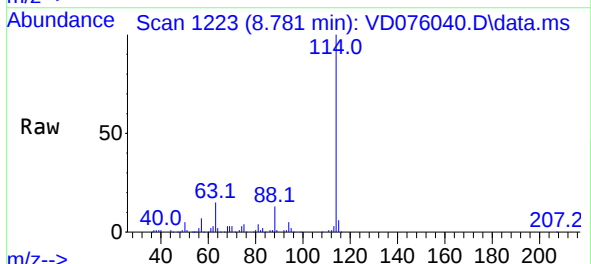
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MSVOA_D
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JREB5

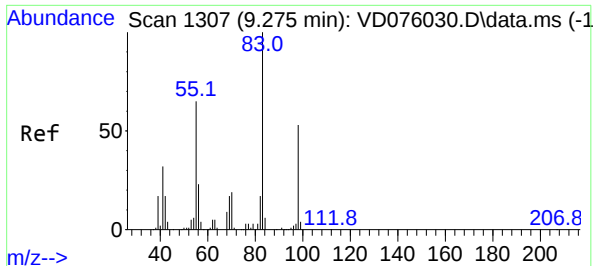
Tgt Ion:	84	Resp:	23838
Ion	Ratio	Lower	Upper
84	100		
86	55.0	45.8	85.2
49	97.5	60.8	112.8



#34
Trichloroethene
Concen: 2.270 ug/L
RT: 8.781 min Scan# 1223
Delta R.T. -0.247 min
Lab File: VD076040.D
Acq: 08 May 2023 15:33

Tgt Ion:	95	Resp:	9718
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#

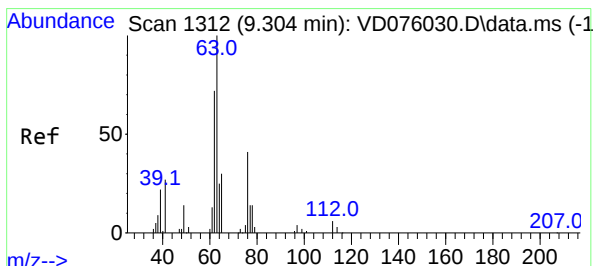
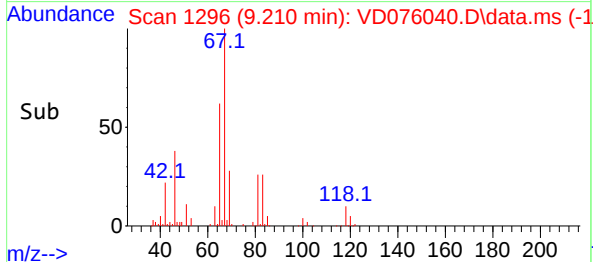
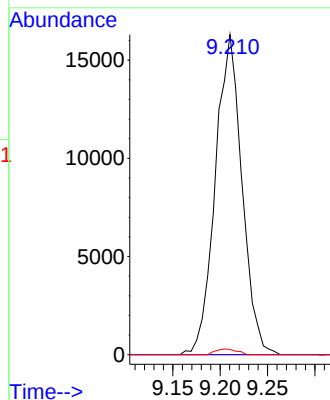
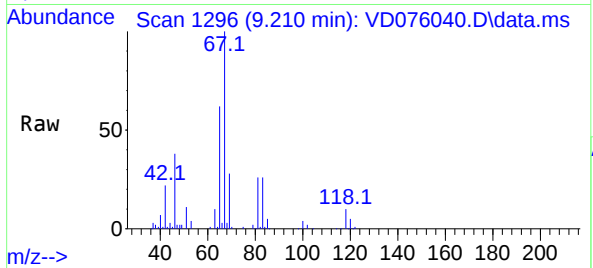




#35
Methylcyclohexane
Concen: 4.842 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.064 min
Lab File: VD076040.D
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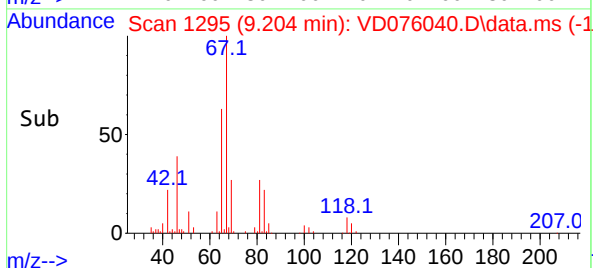
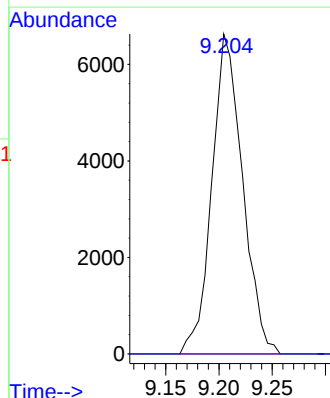
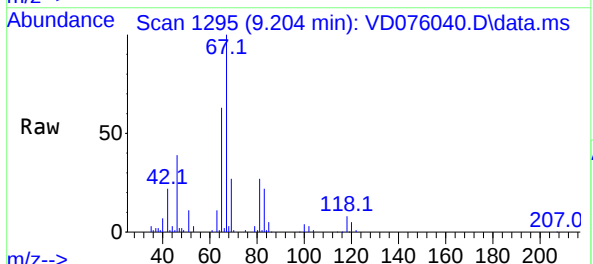
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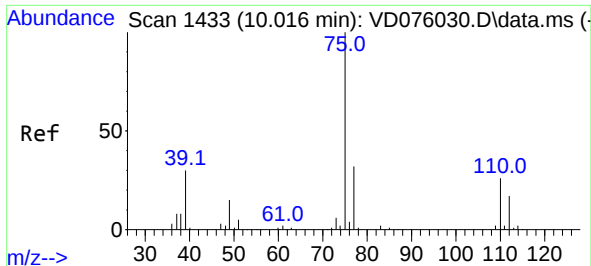
Tgt Ion: 83 Resp: 31960
Ion Ratio Lower Upper
83 100
55 0.0 48.2 72.2#
98 1.4 40.8 61.2#



#37
1,2-Dichloropropane
Concen: 3.491 ug/L
RT: 9.204 min Scan# 1295
Delta R.T. -0.100 min
Lab File: VD076040.D
Acq: 08 May 2023 15:33

Tgt Ion: 63 Resp: 13276
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#

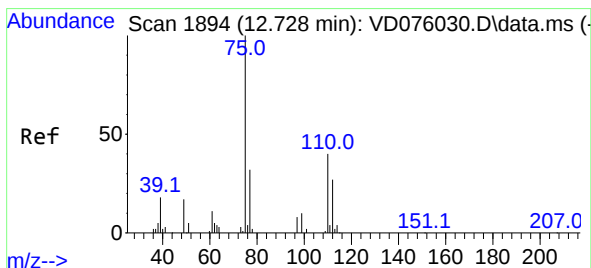
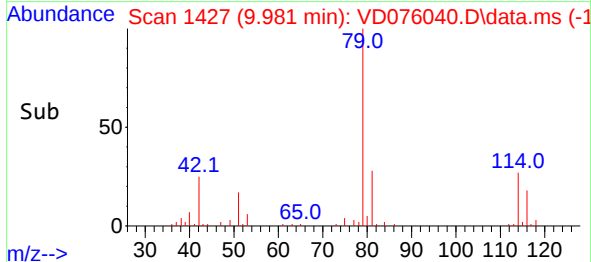
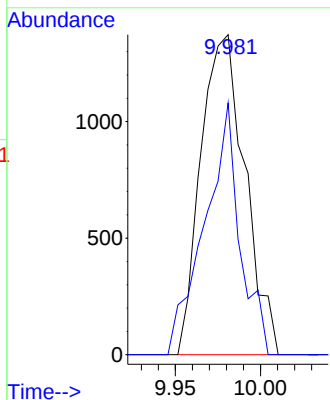
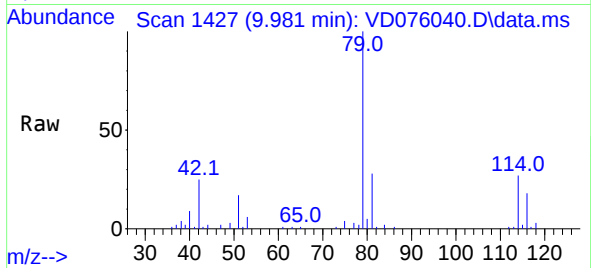




#39
 cis-1,3-Dichloropropene
 Concen: 0.410 ug/L
 RT: 9.981 min Scan# 14
 Delta R.T. -0.035 min
 Lab File: VD076040.D
 Acq: 08 May 2023 15:33

Instrument :
 MSVOA_D
 ClientSampleId :
 JREB5

Tgt Ion: 75 Resp: 2481
 Ion Ratio Lower Upper
 75 100
 77 78.7 23.4 43.6#



#61
 1,2,3-Trichloropropane
 Concen: 6.448 ug/L
 RT: 13.516 min Scan# 2028
 Delta R.T. 0.789 min
 Lab File: VD076040.D
 Acq: 08 May 2023 15:33

Tgt Ion: 75 Resp: 5726
 Ion Ratio Lower Upper
 75 100
 77 30.2 26.6 39.8
 110 0.0 33.5 50.3#

