

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111823\
 Data File : VD077622.D
 Acq On : 18 Nov 2023 11:16
 Operator : JC/SY
 Sample : 05416-21
 Misc : 4.63G/10ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 19 23:23:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sun Nov 19 23:22:21 2023
 Response via : Initial Calibration

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

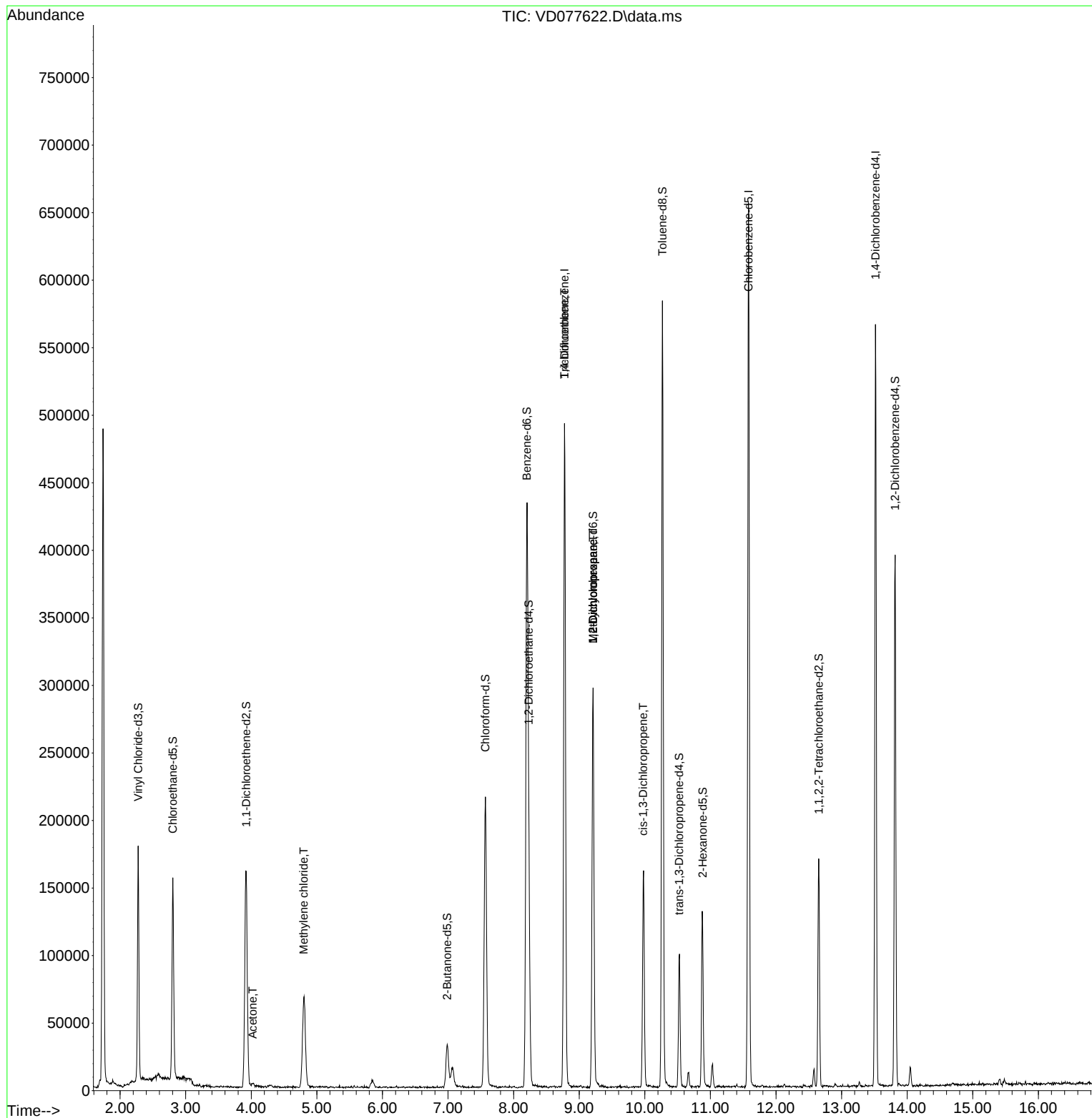
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	402020	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	355646	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	143661	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	157967	15.446	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.800%
7) Chloroethane-d5	2.805	69	145343	18.091	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.360%
11) 1,1-Dichloroethene-d2	3.922	65	49164	15.547	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.200%
21) 2-Butanone-d5	6.987	46	58394	32.980	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.960%
24) Chloroform-d	7.569	84	222804	19.185	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.760%
26) 1,2-Dichloroethane-d4	8.228	65	116722	18.895	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	75.600%
32) Benzene-d6	8.199	84	443196	19.200	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	76.800%
36) 1,2-Dichloropropane-d6	9.210	67	146765	19.520	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	78.080%
41) Toluene-d8	10.269	98	383436	18.383	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.520%
43) trans-1,3-Dichloroprop...	10.522	79	54558	16.829	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	67.320%
47) 2-Hexanone-d5	10.881	63	45752	34.016	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.040%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	88125	17.690	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	70.760%
66) 1,2-Dichlorobenzene-d4	13.816	152	102584	20.072	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	80.280%
Target Compounds						
					Qvalue	
13) Acetone	4.022	43	5206	2.797	ug/L	62
16) Methylene chloride	4.799	84	48145	7.093	ug/L	94
34) Trichloroethene	8.775	95	12500	2.045	ug/L #	10
35) Methylcyclohexane	9.210	83	30400	2.757	ug/L #	17
37) 1,2-Dichloropropane	9.210	63	16790	2.449	ug/L #	88
39) cis-1,3-Dichloropropene	9.975	75	4569	0.434	ug/L #	81

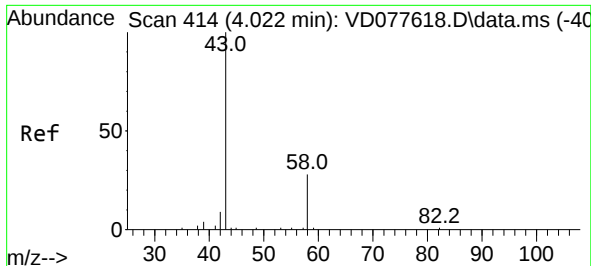
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 19 23:23:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
Quant Title : SFAM01.0
QLast Update : Sun Nov 19 23:22:21 2023
Response via : Initial Calibration





#13

Acetone

Concen: 2.797 ug/L

RT: 4.022 min Scan# 414

Delta R.T. 0.000 min

Lab File: VD077622.D

Acq: 18 Nov 2023 11:16

Instrument :

MSVOA_D

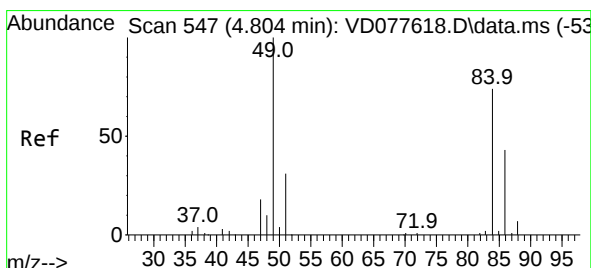
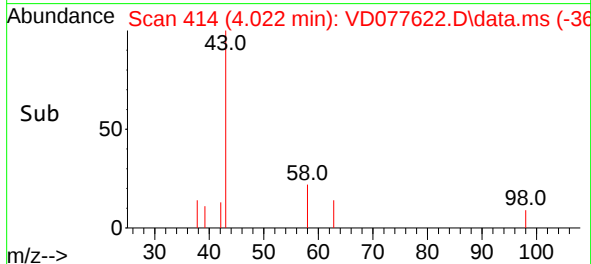
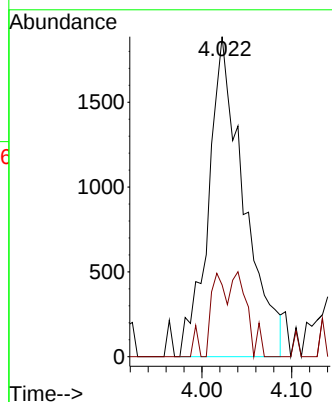
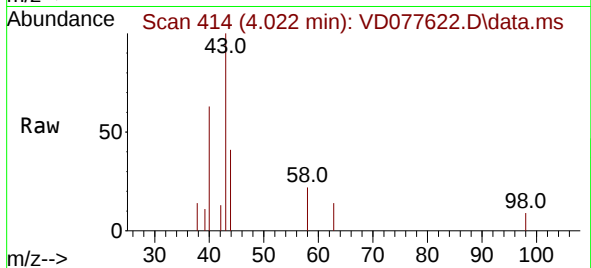
ClientSampleId :

Tgt Ion: 43 Resp: 5206

Ion Ratio Lower Upper

43 100

58 10.9 0.0 64.0



#16

Methylene chloride

Concen: 7.093 ug/L

RT: 4.799 min Scan# 546

Delta R.T. -0.006 min

Lab File: VD077622.D

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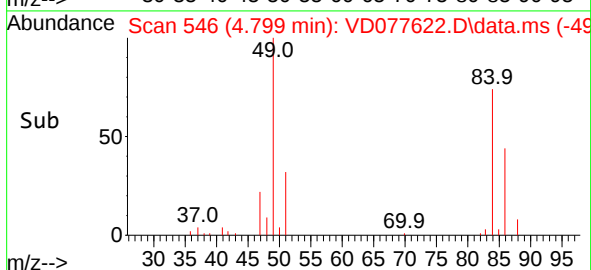
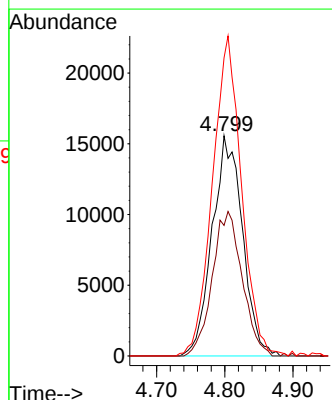
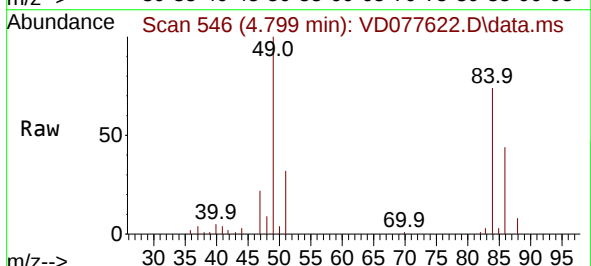
Tgt Ion: 84 Resp: 48145

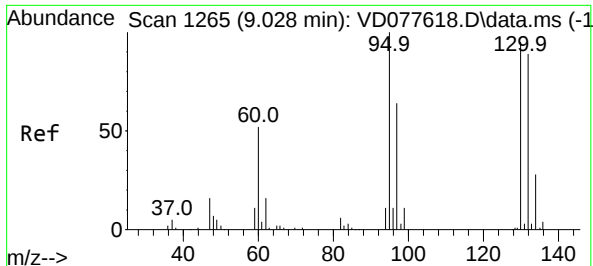
Ion Ratio Lower Upper

84 100

86 59.3 46.5 86.5

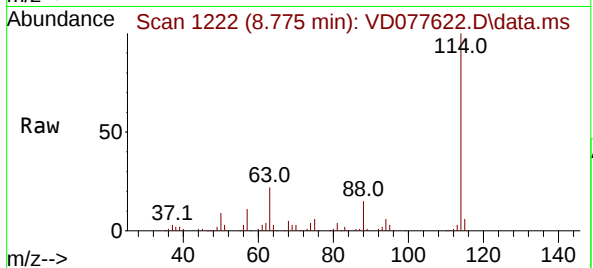
49 135.4 98.3 182.7





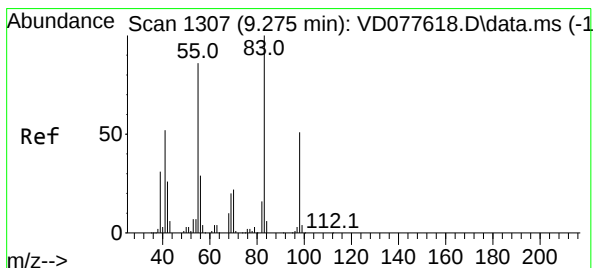
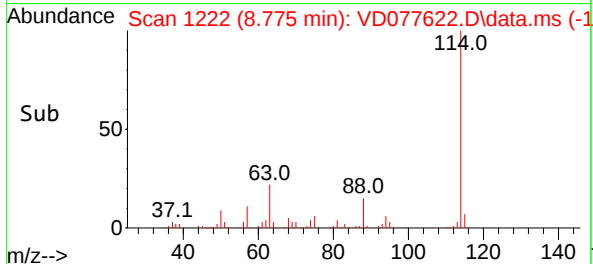
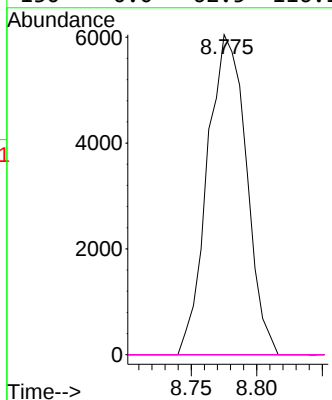
#34
 Trichloroethene
 Concen: 2.045 ug/L
 RT: 8.775 min Scan# 11
 Delta R.T. -0.253 min
 Lab File: VD077622.D
 Acq: 18 Nov 2023 11:16

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 95 Resp: 12500

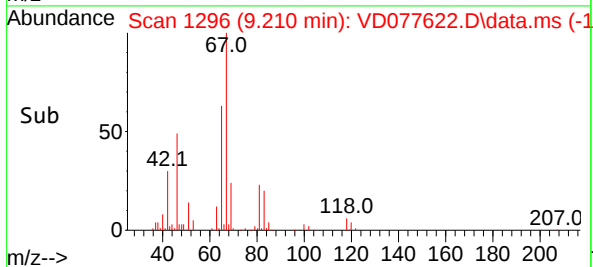
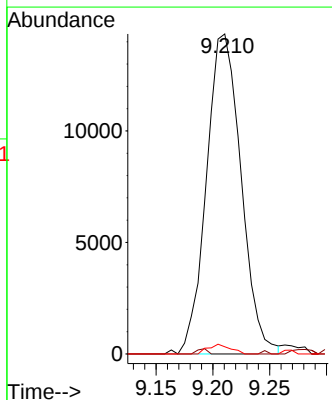
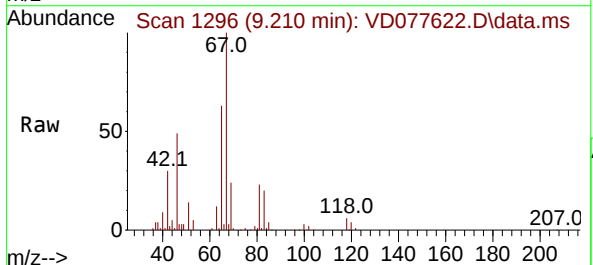
Ion	Ratio	Lower	Upper
95	100		
97	0.0	42.4	78.6#
132	0.0	59.4	110.2#
130	0.0	62.5	116.1#

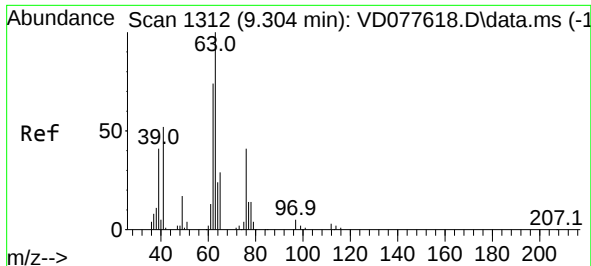


#35
 Methylcyclohexane
 Concen: 2.757 ug/L
 RT: 9.210 min Scan# 1296
 Delta R.T. -0.064 min
 Lab File: VD077622.D
 Acq: 18 Nov 2023 11:16

Tgt Ion: 83 Resp: 30400

Ion	Ratio	Lower	Upper
83	100		
55	0.5	66.5	99.7#
98	1.9	37.4	56.2#

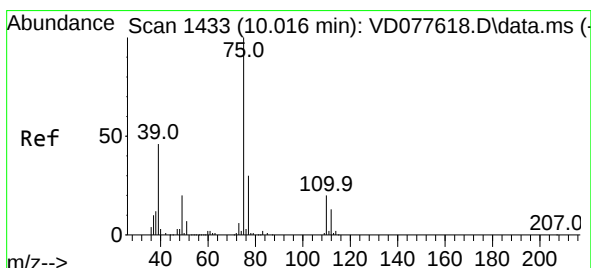
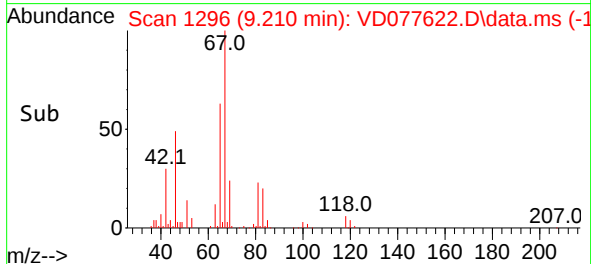
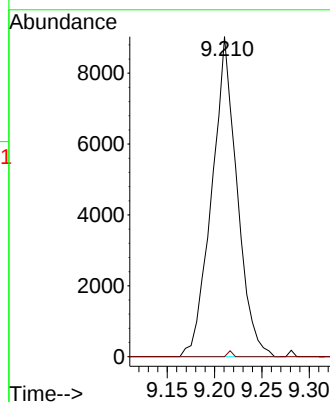
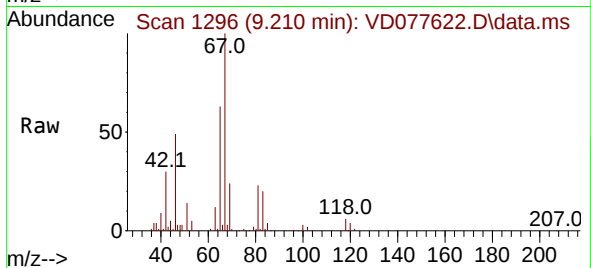




#37
1,2-Dichloropropane
Concen: 2.449 ug/L
RT: 9.210 min Scan# 11
Delta R.T. -0.094 min
Lab File: VD077622.D
Acq: 18 Nov 2023 11:16

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 63 Resp: 16790
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



#39
cis-1,3-Dichloropropene
Concen: 0.434 ug/L
RT: 9.975 min Scan# 1426
Delta R.T. -0.041 min
Lab File: VD077622.D
Acq: 18 Nov 2023 11:16

Tgt Ion: 75 Resp: 4569
Ion Ratio Lower Upper
75 100
77 42.7 22.5 41.9#

