

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111423\
 Data File : VD077567.D
 Acq On : 14 Nov 2023 17:03
 Operator : JC/SY
 Sample : 05416-02
 Misc : 4.92G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 16 02:29:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Nov 10 02:07:44 2023
 Response via : Initial Calibration

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

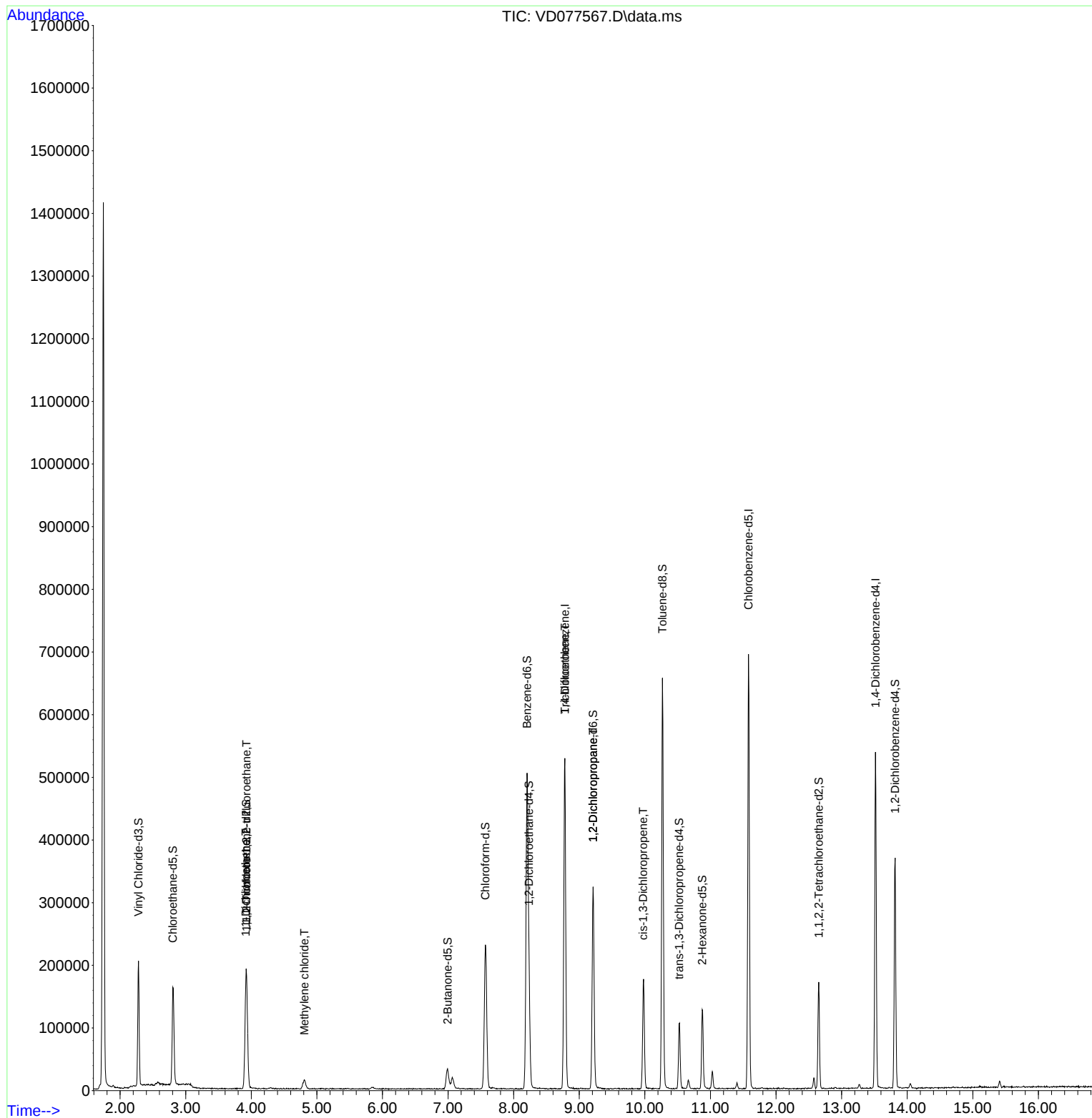
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	435100	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	370989	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	133592	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	183616	16.589	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.360%
7) Chloroethane-d5	2.805	69	163013	18.748	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.000%
11) 1,1-Dichloroethene-d2	3.922	65	58771	17.172	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.680%
21) 2-Butanone-d5	6.993	46	58939	30.757	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	61.520%
24) Chloroform-d	7.569	84	240136	19.106	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.440%
26) 1,2-Dichloroethane-d4	8.234	65	122769	18.363	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	73.440%
32) Benzene-d6	8.204	84	495280	20.569	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.280%
36) 1,2-Dichloropropane-d6	9.210	67	162590	20.730	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.920%
41) Toluene-d8	10.269	98	427845	19.664	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.640%
43) trans-1,3-Dichloroprop...	10.522	79	59546	17.608	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.440%
47) 2-Hexanone-d5	10.875	63	45599	32.500	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.000%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	85999	16.550	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	66.200%
66) 1,2-Dichlorobenzene-d4	13.816	152	94048	19.789	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.160%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	3.928	101	1372	0.215	ug/L #	21
12) 1,1-Dichloroethene	3.916	96	1820	0.294	ug/L #	1
16) Methylene chloride	4.810	84	10178	1.385	ug/L	90
34) Trichloroethene	8.781	95	13558	2.127	ug/L #	10
37) 1,2-Dichloropropane	9.210	63	17108	2.392	ug/L #	88
39) cis-1,3-Dichloropropene	9.975	75	4627	0.421	ug/L	99

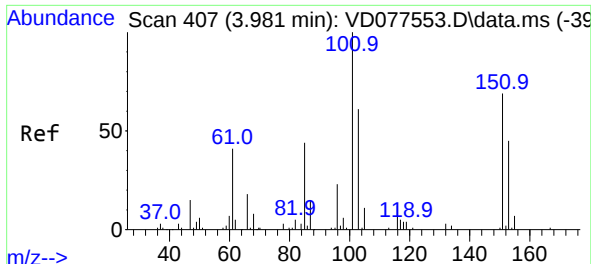
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Nov 10 02:07:44 2023
Response via : Initial Calibration

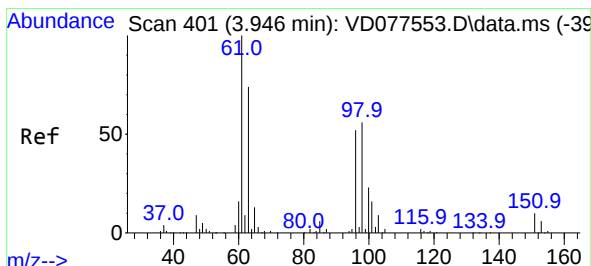
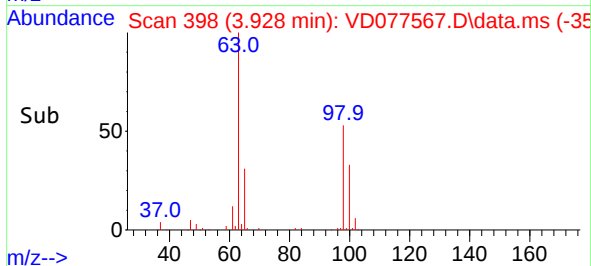
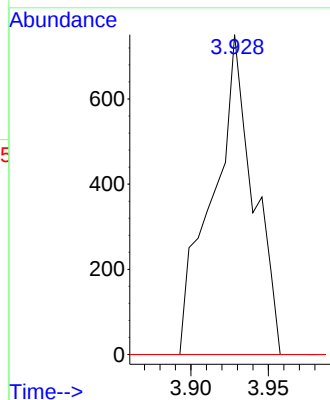
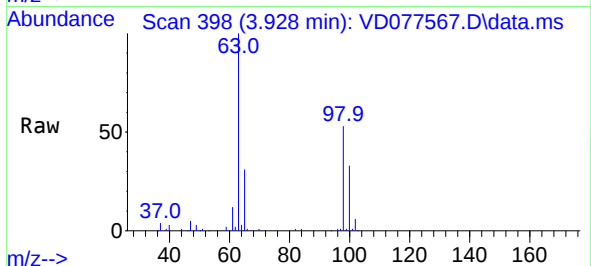




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.215 ug/L
 RT: 3.928 min Scan# 398
 Delta R.T. -0.041 min
 Lab File: VD077567.D
 Acq: 14 Nov 2023 17:03

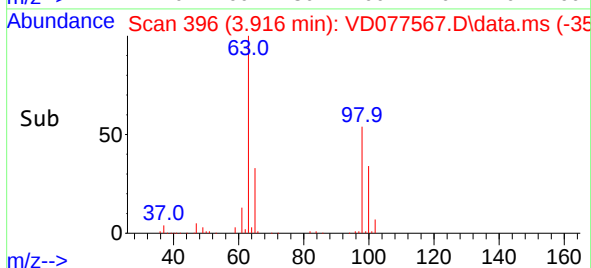
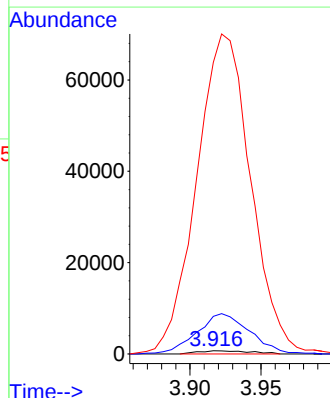
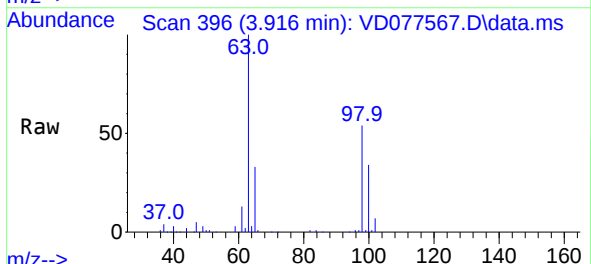
Instrument :
 MSVOA_D
 ClientSampleId :

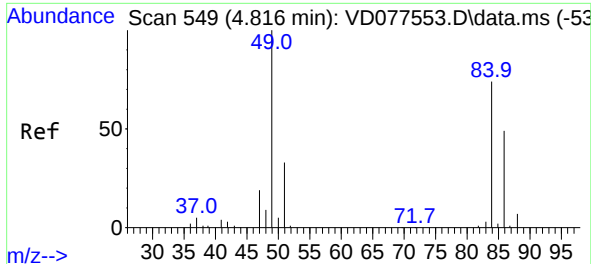
Tgt Ion:101 Resp: 1372
 Ion Ratio Lower Upper
 101 100
 85 0.0 36.8 55.2#
 151 0.0 56.6 84.8#



#12
 1,1-Dichloroethene
 Concen: 0.294 ug/L
 RT: 3.916 min Scan# 396
 Delta R.T. -0.030 min
 Lab File: VD077567.D
 Acq: 14 Nov 2023 17:03

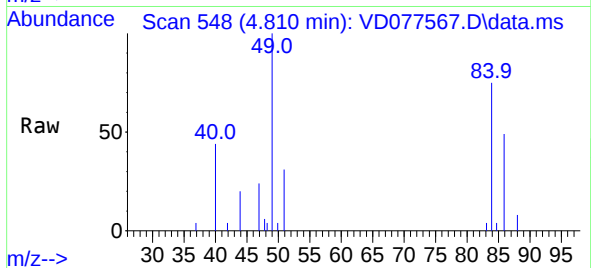
Tgt Ion: 96 Resp: 1820
 Ion Ratio Lower Upper
 96 100
 61 1190.3 127.5 236.9#
 63 9224.3 86.4 160.4#



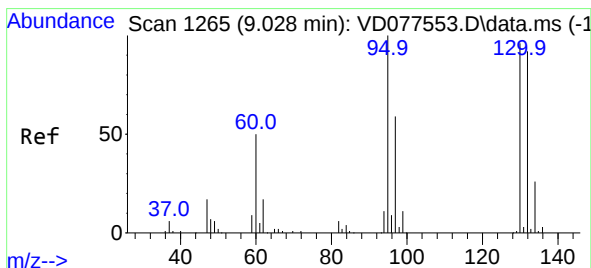
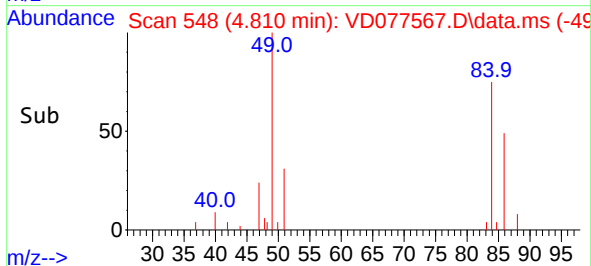
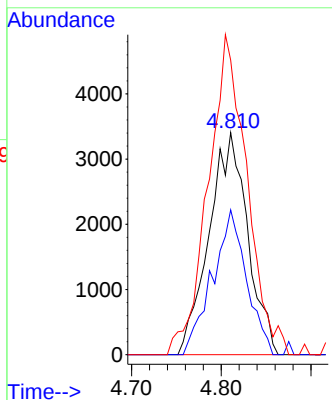


#16
Methylene chloride
Concen: 1.385 ug/L
RT: 4.810 min Scan# 54
Delta R.T. 0.006 min
Lab File: VD077567.D
Acq: 14 Nov 2023 17:03

Instrument :
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ClientSampleId :

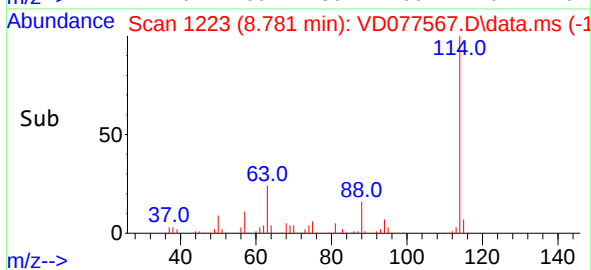
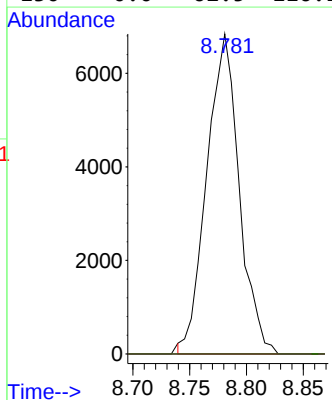
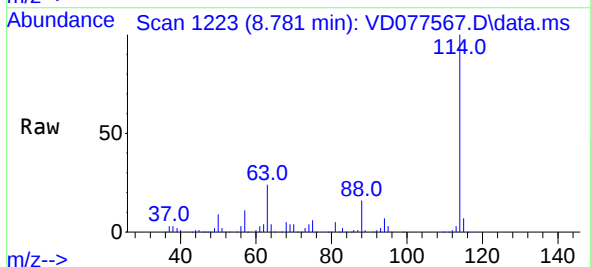


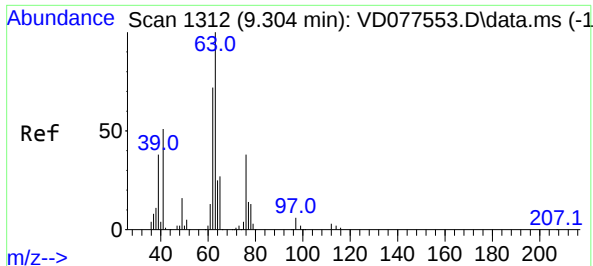
Tgt Ion: 84 Resp: 10178
Ion Ratio Lower Upper
84 100
86 62.1 46.5 86.5
49 126.4 98.3 182.7



#34
Trichloroethene
Concen: 2.127 ug/L
RT: 8.781 min Scan# 1223
Delta R.T. -0.247 min
Lab File: VD077567.D
Acq: 14 Nov 2023 17:03

Tgt Ion: 95 Resp: 13558
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#

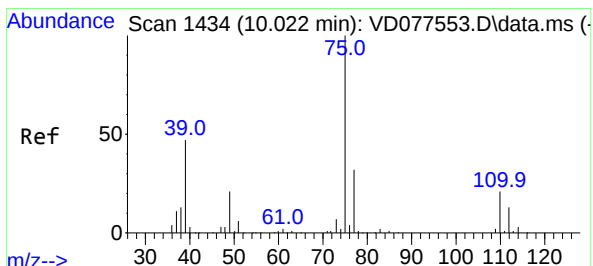
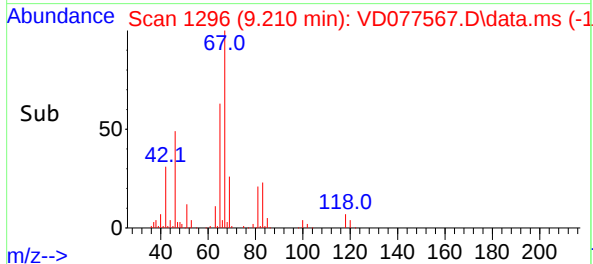
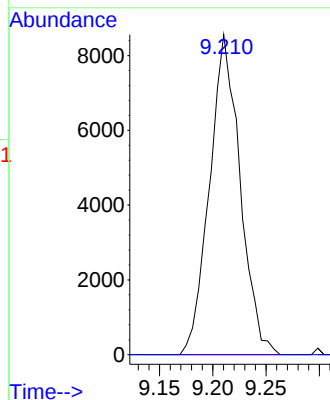
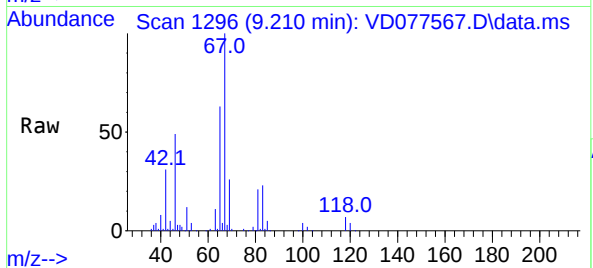




#37
1,2-Dichloropropane
Concen: 2.392 ug/L
RT: 9.210 min Scan# 11
Delta R.T. -0.094 min
Lab File: VD077567.D
Acq: 14 Nov 2023 17:03

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 63 Resp: 17108
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



#39
cis-1,3-Dichloropropene
Concen: 0.421 ug/L
RT: 9.975 min Scan# 1426
Delta R.T. -0.041 min
Lab File: VD077567.D
Acq: 14 Nov 2023 17:03

Tgt Ion: 75 Resp: 4627
Ion Ratio Lower Upper
75 100
77 32.7 22.5 41.9

