

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD083023\
 Data File : VD077075.D
 Acq On : 30 Aug 2023 12:19
 Operator : JC/SY
 Sample : 04172-16
 Misc : 5.02G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 31 02:13:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM080323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Aug 31 02:12:12 2023
 Response via : Initial Calibration

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

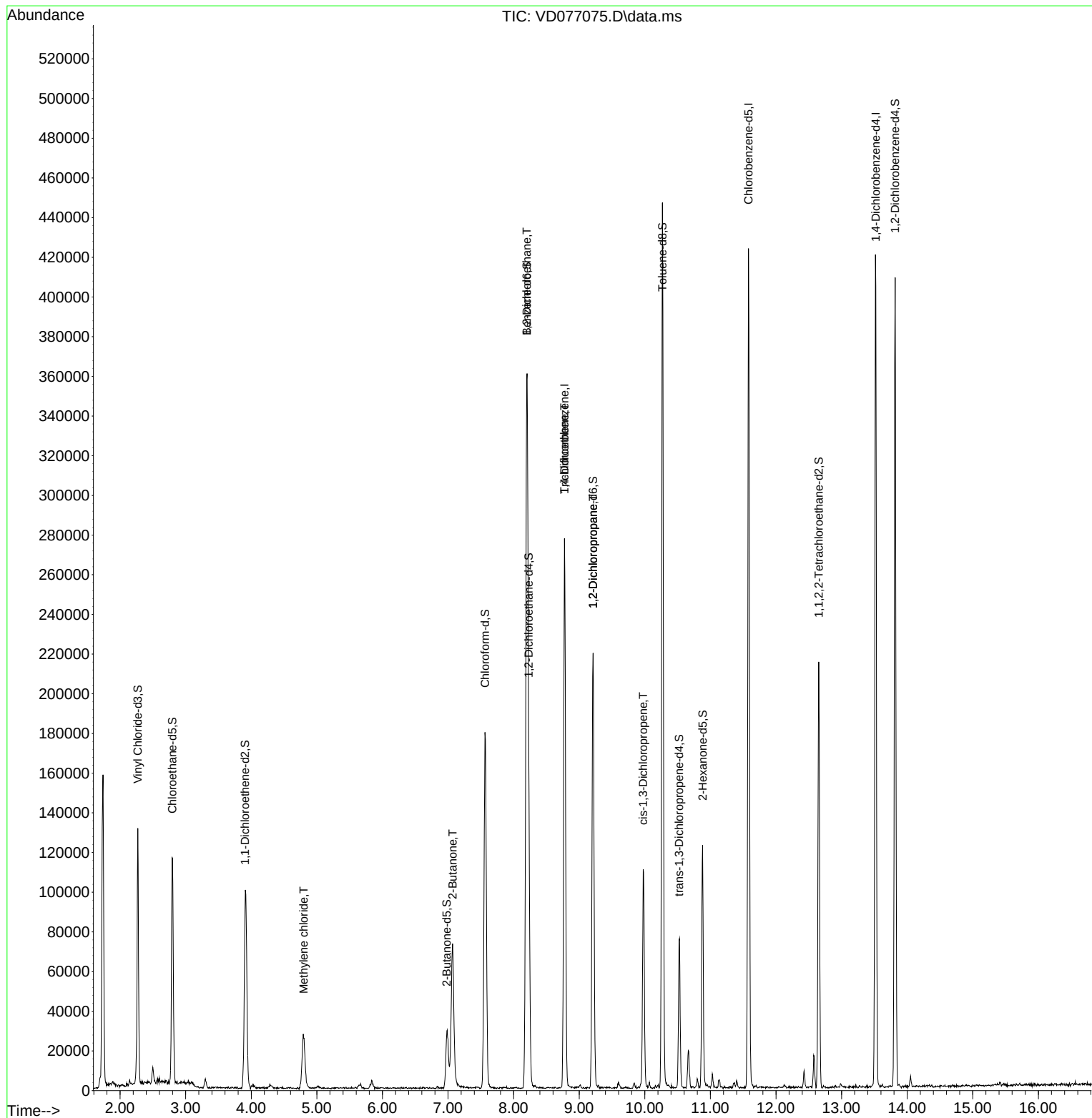
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	256395	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	256859	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	117403	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	112993	16.025	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.120%
7) Chloroethane-d5	2.799	69	120306	18.456	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.840%
11) 1,1-Dichloroethene-d2	3.905	65	29139	17.441	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.760%
21) 2-Butanone-d5	6.981	46	50589	44.688	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.380%
24) Chloroform-d	7.563	84	188555	22.584	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.320%
26) 1,2-Dichloroethane-d4	8.228	65	95539	22.955	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.840%
32) Benzene-d6	8.199	84	349692	21.654	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.600%
36) 1,2-Dichloropropane-d6	9.210	67	112167	22.590	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.360%
41) Toluene-d8	10.269	98	311985	21.071	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.280%
43) trans-1,3-Dichloroprop...	10.522	79	45678	20.348	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.400%
47) 2-Hexanone-d5	10.881	63	41344	43.590	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.180%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	108378	22.588	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.360%
66) 1,2-Dichlorobenzene-d4	13.816	152	113292	26.395	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.600%
Target Compounds						
					Qvalue	
16) Methylene chloride	4.799	84	21839	4.061	ug/L	77
22) 2-Butanone	7.069	43	3641	2.248	ug/L #	69
27) 1,2-Dichloroethane	8.199	62	1456	0.297	ug/L #	71
34) Trichloroethene	8.775	95	6651	1.517	ug/L #	4
37) 1,2-Dichloropropane	9.210	63	12029	2.812	ug/L #	88
39) cis-1,3-Dichloropropene	9.975	75	2963	0.429	ug/L	96

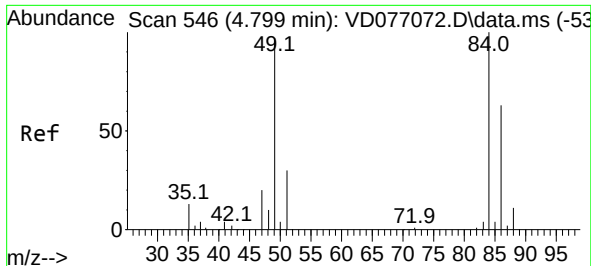
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

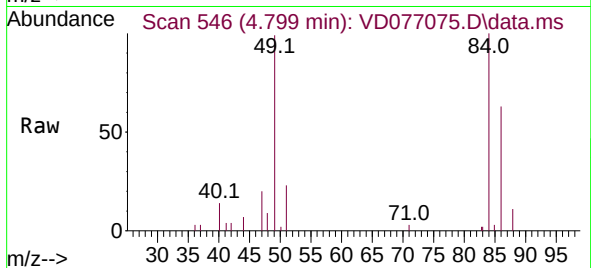
Quant Time: Aug 31 02:13:15 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM080323SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Aug 31 02:12:12 2023
Response via : Initial Calibration



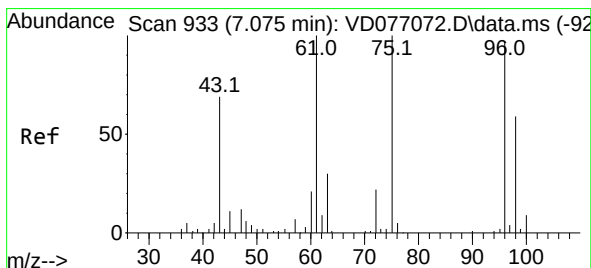
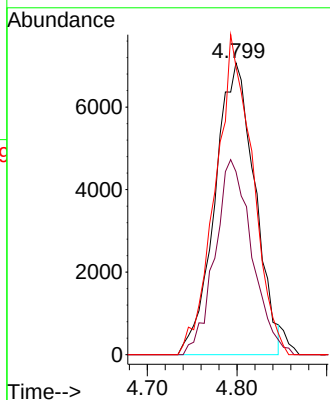
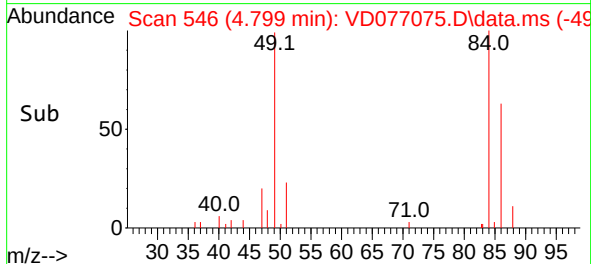


#16
Methylene chloride
Concen: 4.061 ug/L
RT: 4.799 min Scan# 54
Delta R.T. 0.000 min
Lab File: VD077075.D
Acq: 30 Aug 2023 12:19

Instrument :
MSVOA_D
ClientSampleId :

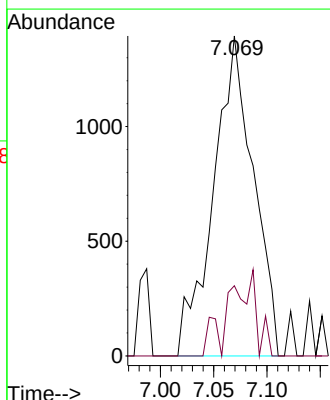
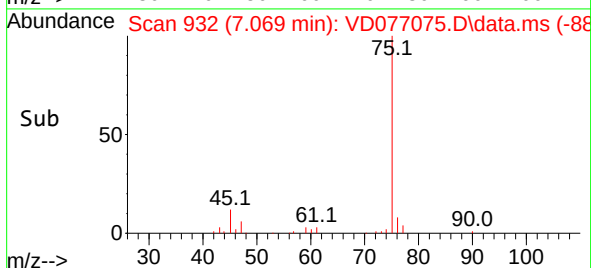
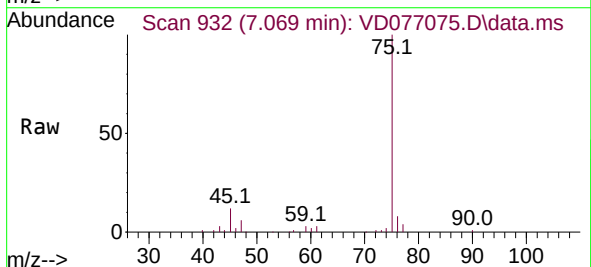


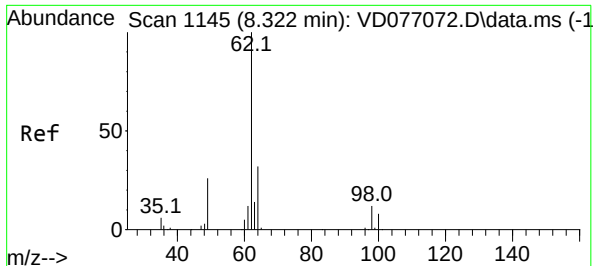
Tgt Ion: 84 Resp: 21839
Ion Ratio Lower Upper
84 100
86 62.7 45.1 83.9
49 98.7 97.2 180.6



#22
2-Butanone
Concen: 2.248 ug/L
RT: 7.069 min Scan# 932
Delta R.T. -0.006 min
Lab File: VD077075.D
Acq: 30 Aug 2023 12:19

Tgt Ion: 43 Resp: 3641
Ion Ratio Lower Upper
43 100
72 10.2 12.9 38.7#





#27

1,2-Dichloroethane

Concen: 0.297 ug/L

RT: 8.199 min Scan# 1145

Delta R.T. -0.123 min

Lab File: VD077075.D

Acq: 30 Aug 2023 12:19

Instrument :

MSVOA_D

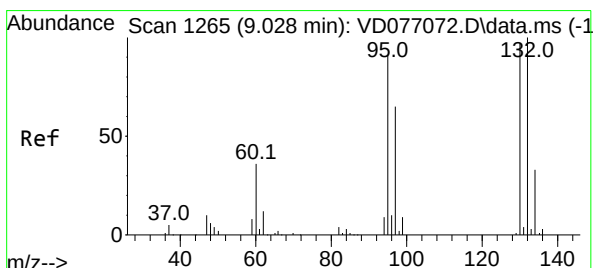
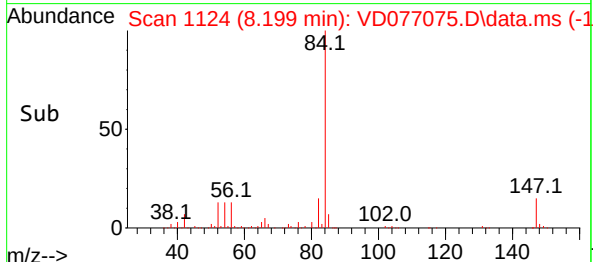
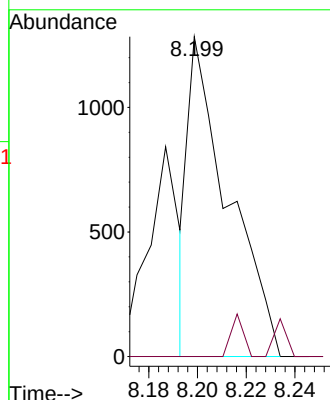
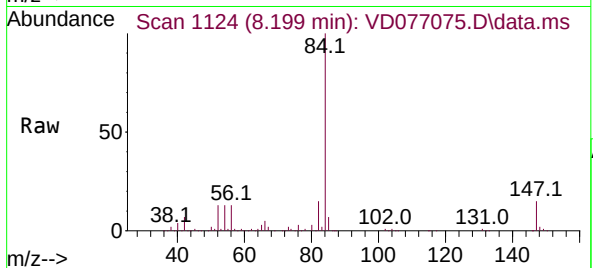
ClientSampleId :

Tgt Ion: 62 Resp: 1456

Ion Ratio Lower Upper

62 100

98 0.0 8.7 13.1#



#34

Trichloroethene

Concen: 1.517 ug/L

RT: 8.775 min Scan# 1222

Delta R.T. -0.253 min

Lab File: VD077075.D

Acq: 30 Aug 2023 12:19

Tgt Ion: 95 Resp: 6651

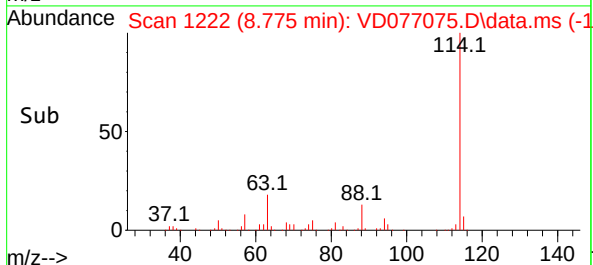
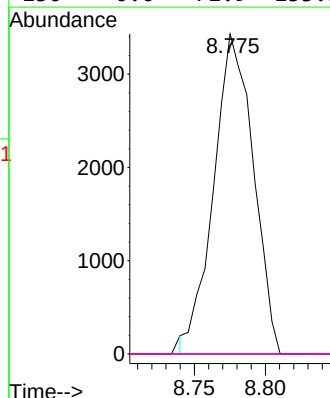
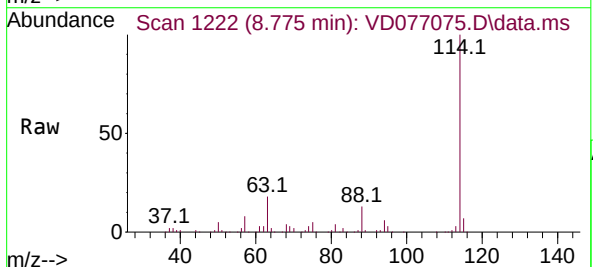
Ion Ratio Lower Upper

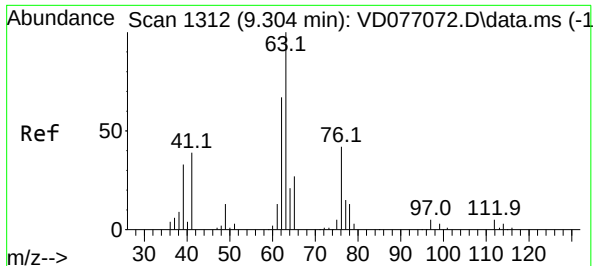
95 100

97 0.0 43.1 80.1#

132 0.0 71.8 133.4#

130 0.0 71.9 133.5#





#37

1,2-Dichloropropane

Concen: 2.812 ug/L

RT: 9.210 min Scan# 11

Delta R.T. -0.094 min

Lab File: VD077075.D

Acq: 30 Aug 2023 12:19

Instrument :

MSVOA_D

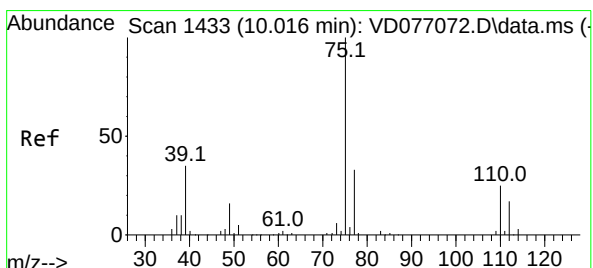
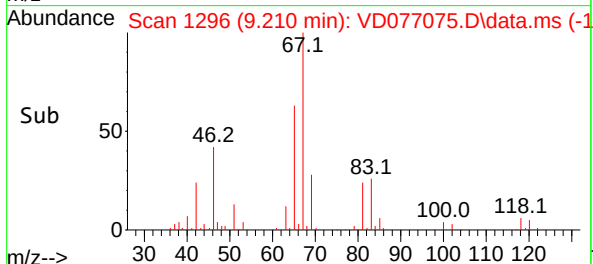
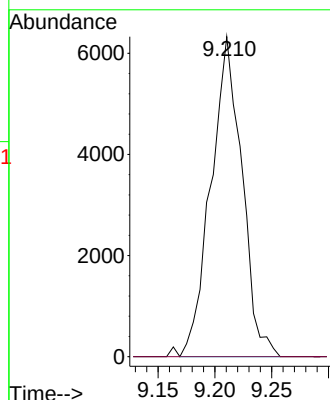
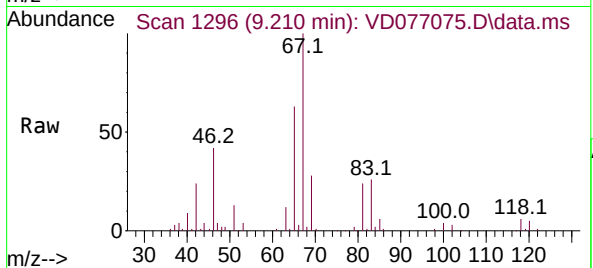
ClientSampleId :

Tgt Ion: 63 Resp: 12029

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#



#39

cis-1,3-Dichloropropene

Concen: 0.429 ug/L

RT: 9.975 min Scan# 1426

Delta R.T. -0.041 min

Lab File: VD077075.D

Acq: 30 Aug 2023 12:19

Tgt Ion: 75 Resp: 2963

Ion Ratio Lower Upper

75 100

77 35.0 22.7 42.3

