

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050523\
 Data File : VD076024.D
 Acq On : 05 May 2023 14:34
 Operator : KP/SY
 Sample : 02589-06
 Misc : 5.14G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JREC3

Quant Time: May 06 00:23:54 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)

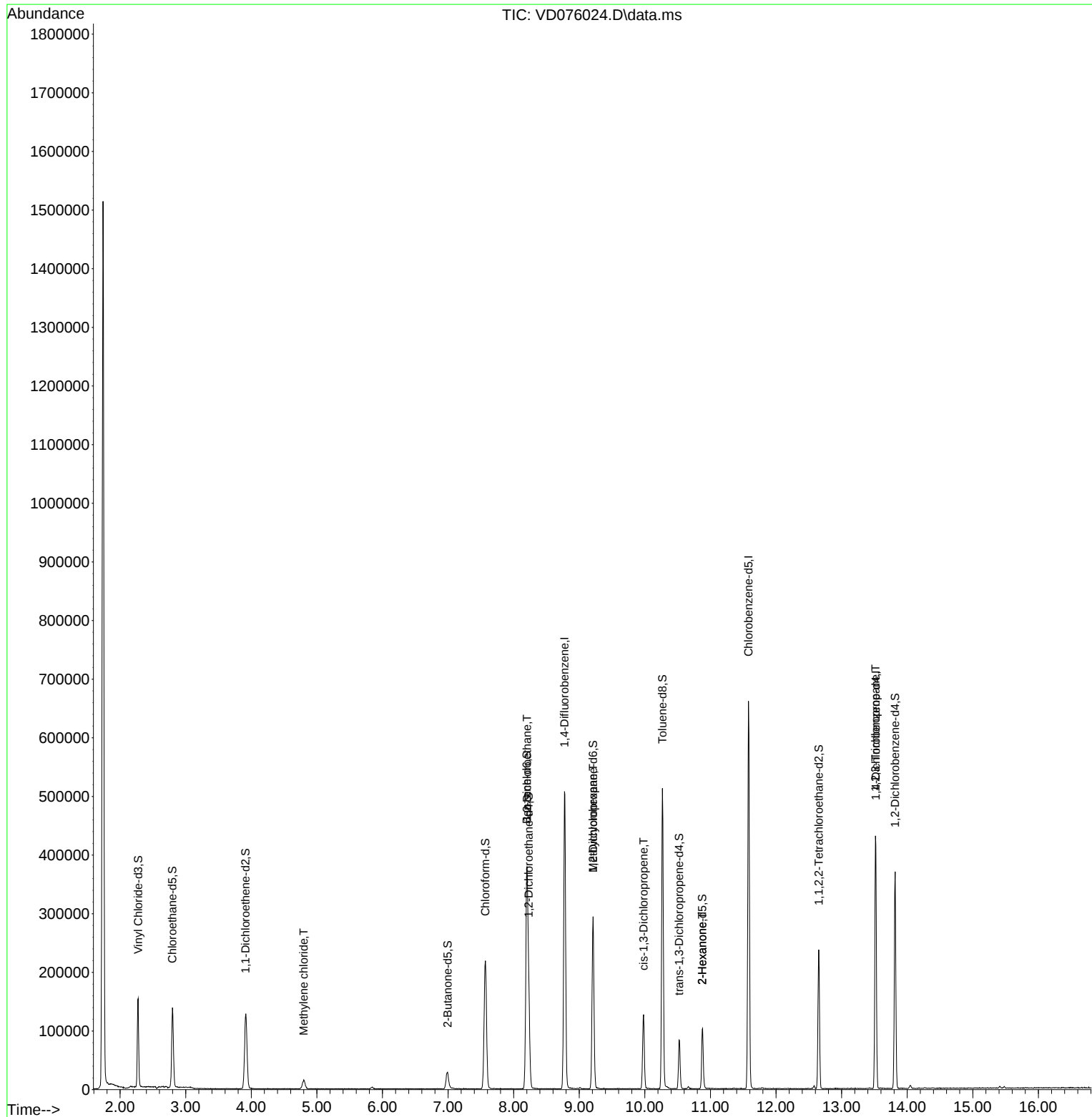
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	494294	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	418323	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	129281	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	143476	13.231	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	52.920%
7) Chloroethane-d5	2.799	69	148445	15.844	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.360%
11) 1,1-Dichloroethene-d2	3.911	65	35708	14.284	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	57.120%
21) 2-Butanone-d5	6.993	46	48112	51.109	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.220%
24) Chloroform-d	7.569	84	246200	19.918	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.680%
26) 1,2-Dichloroethane-d4	8.228	65	105979	20.077	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.320%
32) Benzene-d6	8.199	84	439026	18.006	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	72.040%
36) 1,2-Dichloropropane-d6	9.210	67	152620	22.615	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.480%
41) Toluene-d8	10.269	98	378019	16.561	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	66.240%
43) trans-1,3-Dichloroprop...	10.522	79	50839	18.225	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.920%
47) 2-Hexanone-d5	10.875	63	37155	45.725	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.440%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	126248	24.447	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.800%
66) 1,2-Dichlorobenzene-d4	13.816	152	106107	23.204	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.800%
Target Compounds						Qvalue
16) Methylene chloride	4.799	84	13268	1.323	ug/L	85
27) 1,2-Dichloroethane	8.204	62	2025	0.328	ug/L #	68
35) Methylcyclohexane	9.210	83	35592	3.528	ug/L #	24
39) cis-1,3-Dichloropropene	9.981	75	3155	0.341	ug/L #	71
48) 2-Hexanone	10.875	43	4080	2.731	ug/L #	55
61) 1,2,3-Trichloropropane	13.516	75	14500	7.140	ug/L #	61

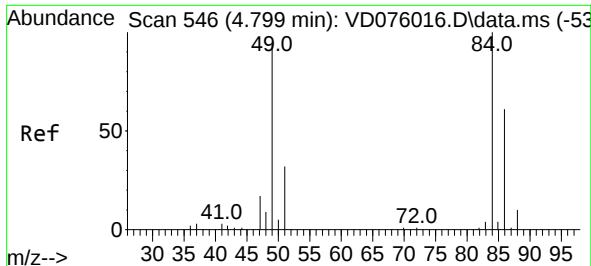
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

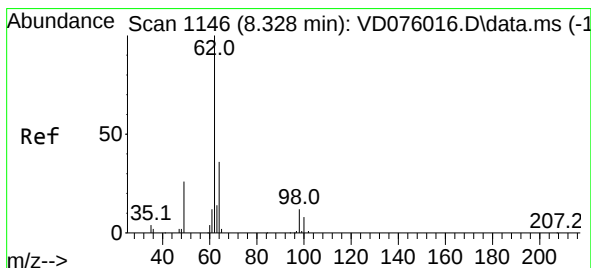
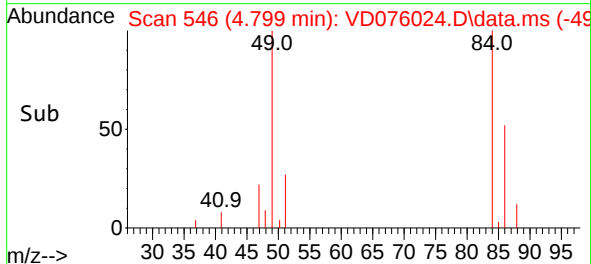
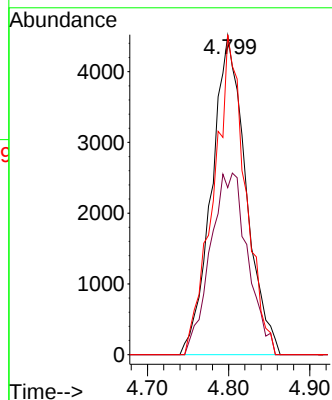
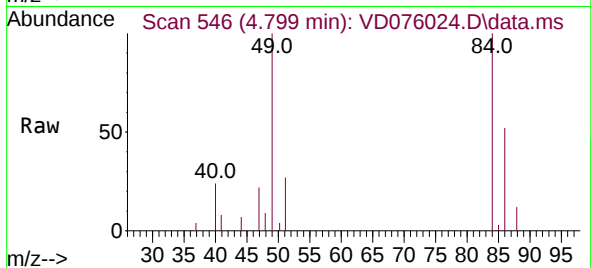




#16
Methylene chloride
Concen: 1.323 ug/L
RT: 4.799 min Scan# 54
Delta R.T. 0.000 min
Lab File: VD076024.D
Acq: 05 May 2023 14:34

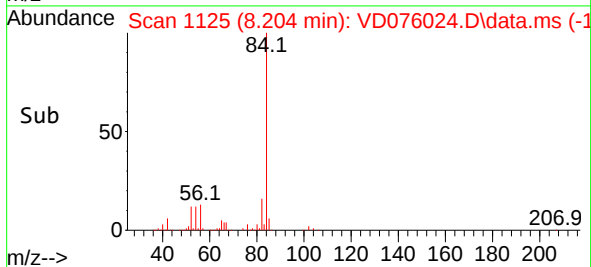
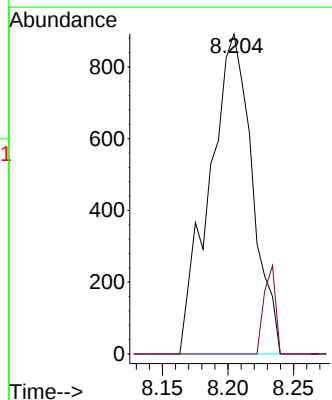
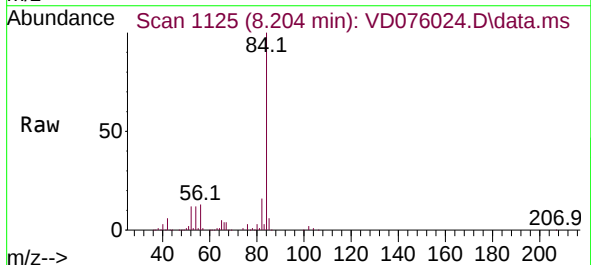
Instrument :
MSVOA_D
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JREC3

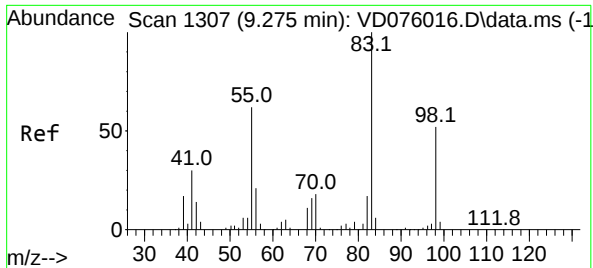
Tgt Ion: 84 Resp: 13268
Ion Ratio Lower Upper
84 100
86 52.3 45.8 85.2
49 100.2 60.8 112.8



#27
1,2-Dichloroethane
Concen: 0.328 ug/L
RT: 8.204 min Scan# 1125
Delta R.T. -0.123 min
Lab File: VD076024.D
Acq: 05 May 2023 14:34

Tgt Ion: 62 Resp: 2025
Ion Ratio Lower Upper
62 100
98 0.0 10.2 15.2#





#35

Methylcyclohexane

Concen: 3.528 ug/L

RT: 9.210 min Scan# 11

Delta R.T. -0.064 min

Lab File: VD076024.D

Acq: 05 May 2023 14:34

Instrument :

MSVOA_D

ClientSampleId :

JREC3

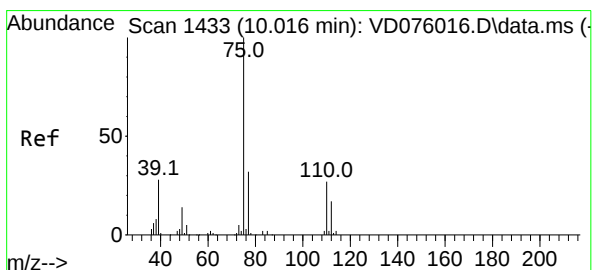
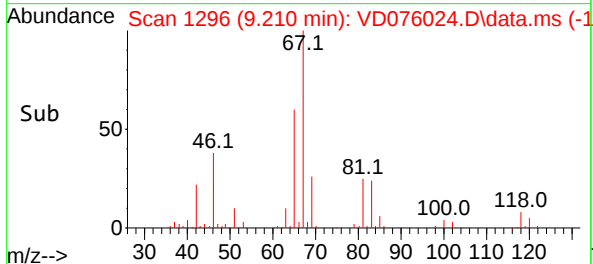
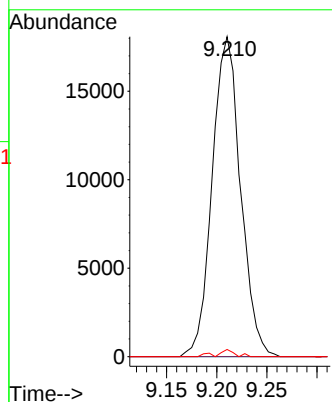
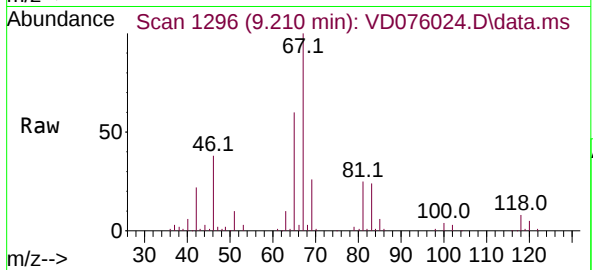
Tgt Ion: 83 Resp: 35592

Ion Ratio Lower Upper

83 100

55 0.0 48.2 72.2#

98 0.9 40.8 61.2#



#39

cis-1,3-Dichloropropene

Concen: 0.341 ug/L

RT: 9.981 min Scan# 1427

Delta R.T. -0.035 min

Lab File: VD076024.D

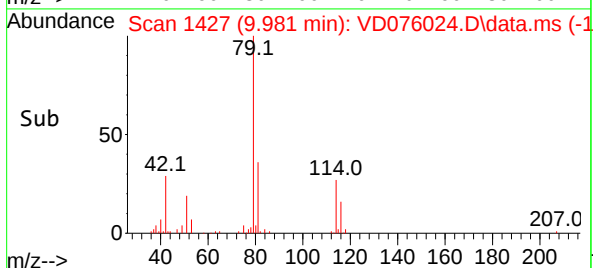
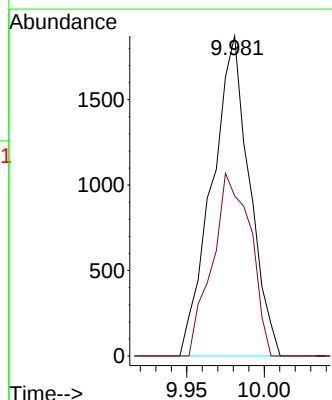
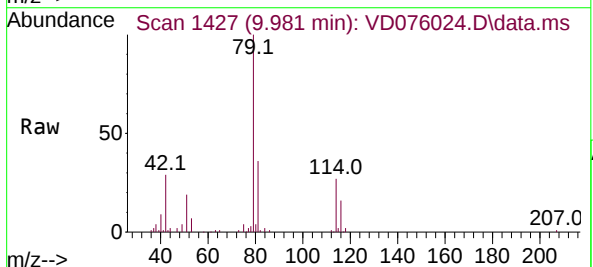
Acq: 05 May 2023 14:34

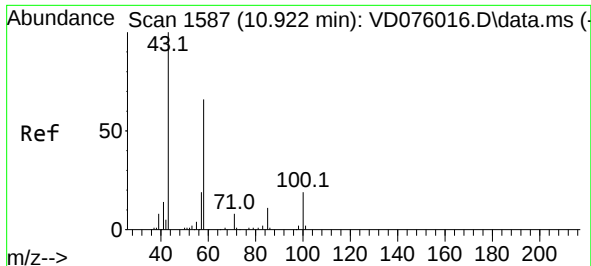
Tgt Ion: 75 Resp: 3155

Ion Ratio Lower Upper

75 100

77 50.1 23.4 43.6#

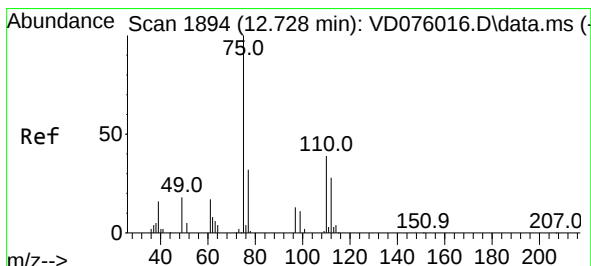
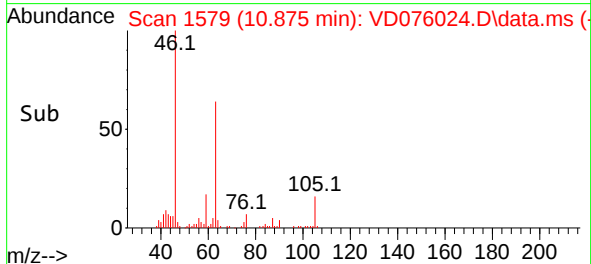
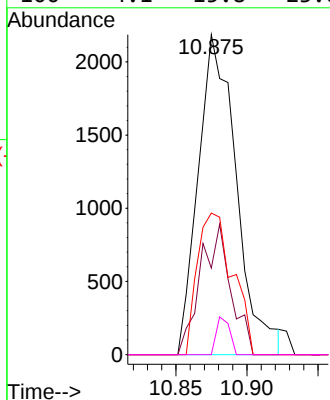
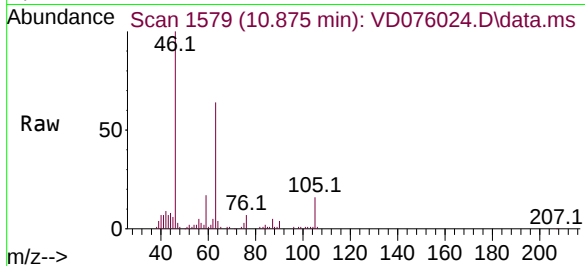




#48
2-Hexanone
Concen: 2.731 ug/L
RT: 10.875 min Scan# 11
Delta R.T. -0.047 min
Lab File: VD076024.D
Acq: 05 May 2023 14:34

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Tgt Ion: 43	Resp: 4080
Ion Ratio	Lower Upper
43 100	
58 32.3	59.7 89.5#
57 41.0	17.9 26.9#
100 4.1	15.8 23.6#



#61
1,2,3-Trichloropropane
Concen: 7.140 ug/L
RT: 13.516 min Scan# 2028
Delta R.T. 0.788 min
Lab File: VD076024.D
Acq: 05 May 2023 14:34

Tgt Ion: 75	Resp: 14500
Ion Ratio	Lower Upper
75 100	
77 26.8	26.6 39.8
110 3.2	33.5 50.3#

