

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
 Data File : VW026500.D
 Acq On : 01 Jul 2023 03:12
 Operator : SY/MD
 Sample : 03501-03
 Misc : 5.62g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46T9

Quant Time: Jul 03 01:15:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Jul 01 01:41:22 2023
 Response via : Initial Calibration

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

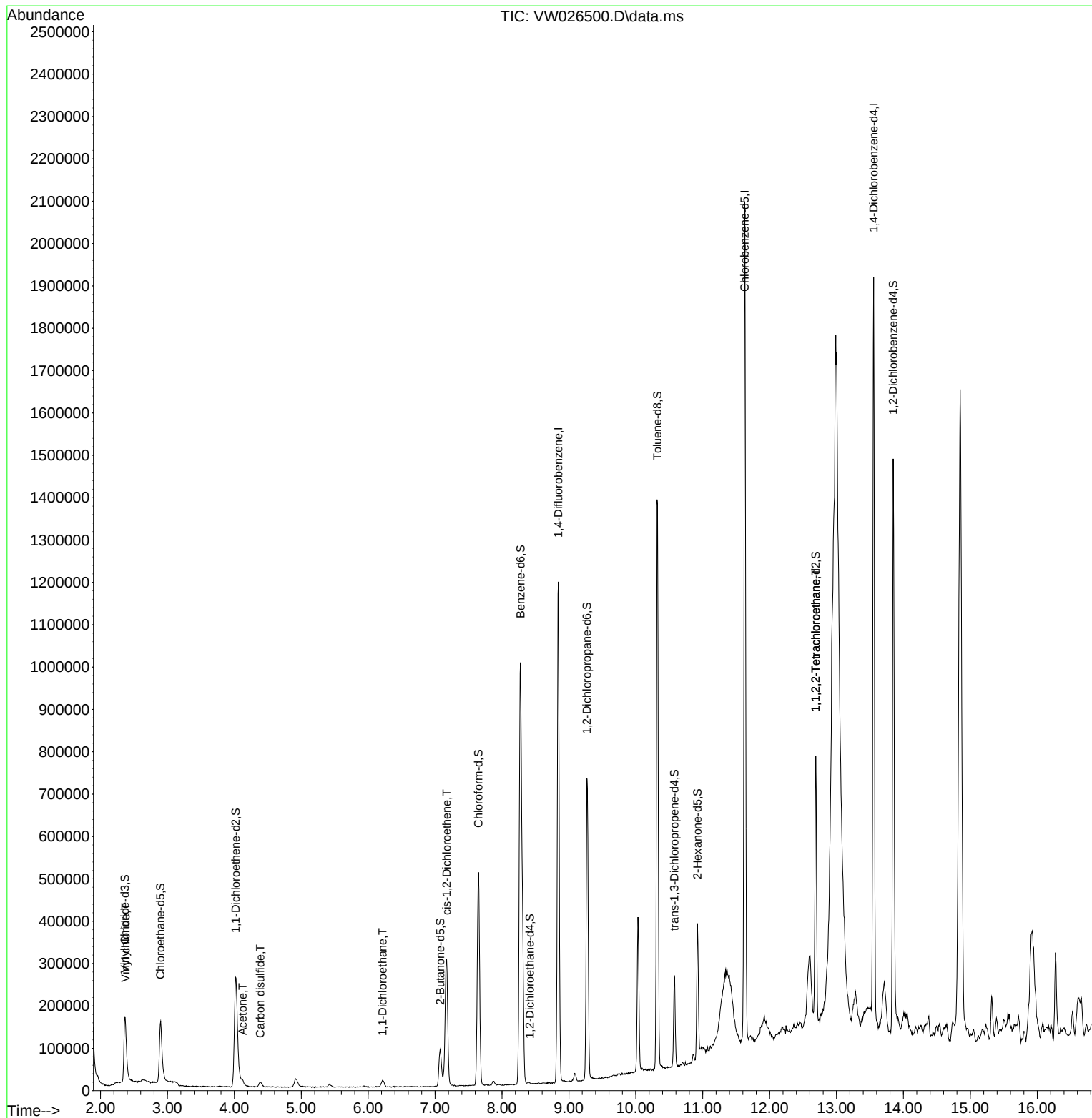
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	903699	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	1033035	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	433379	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	229244	22.279	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.120%
7) Chloroethane-d5	2.893	69	222842	26.597	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	106.400%
11) 1,1-Dichloroethene-d2	4.021	65	103630	20.129	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	80.520%
21) 2-Butanone-d5	7.075	46	154291	39.678	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.360%
24) Chloroform-d	7.648	84	493228	22.392	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.560%
26) 1,2-Dichloroethane-d4	8.417	65	438	0.036	ug/L	0.11
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.160%#
32) Benzene-d6	8.276	84	966190	16.082	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	64.320%
36) 1,2-Dichloropropane-d6	9.270	67	320055	16.714	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	66.840%#
41) Toluene-d8	10.325	98	863399	16.269	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	65.080%
43) trans-1,3-Dichloroprop...	10.575	79	114373	14.818	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	59.280%
47) 2-Hexanone-d5	10.922	63	107976	33.718	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.440%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	316431	21.402	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.600%
66) 1,2-Dichlorobenzene-d4	13.849	152	319661	21.183	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	84.720%
Target Compounds						Qvalue
5) Vinyl chloride	2.375	62	38398	2.997	ug/L	85
13) Acetone	4.125	43	20986	7.640	ug/L	91
14) Carbon disulfide	4.387	76	27371	0.836	ug/L	98
19) 1,1-Dichloroethane	6.216	63	23155	1.057	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	170574	13.833	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.690	83	11845	0.829	ug/L #	80

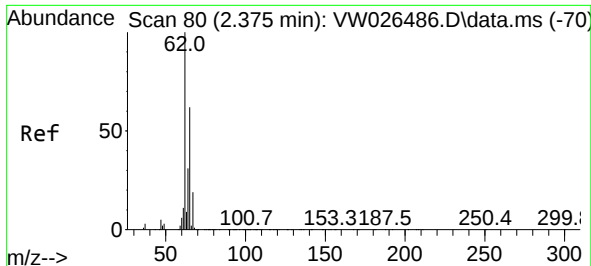
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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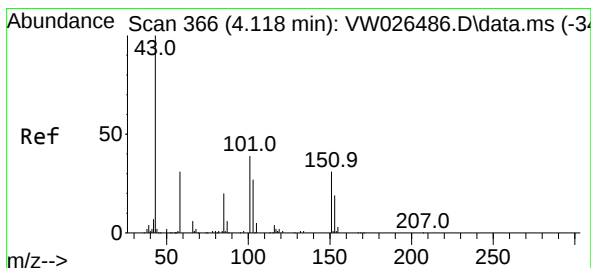
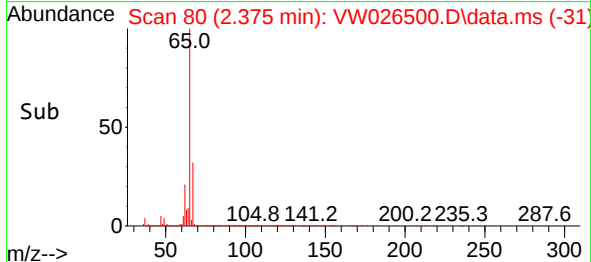
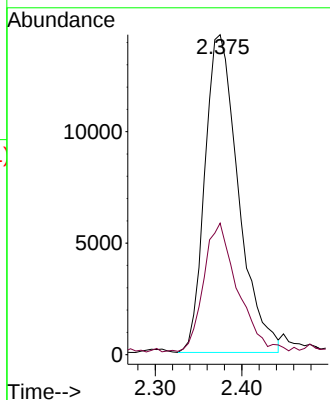
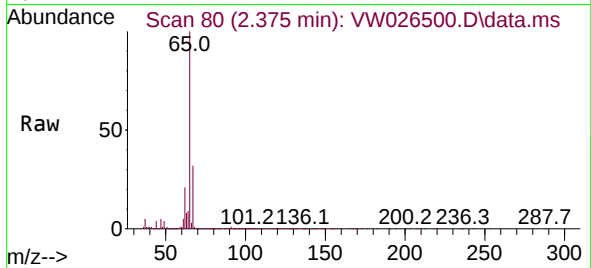




#5
 Vinyl chloride
 Concen: 2.997 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW026500.D
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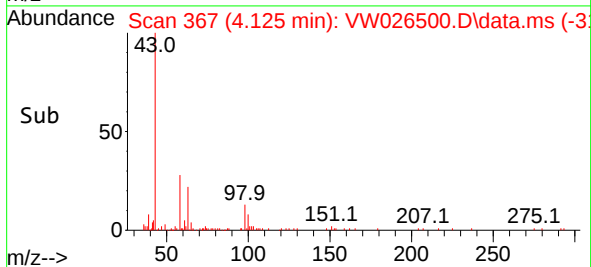
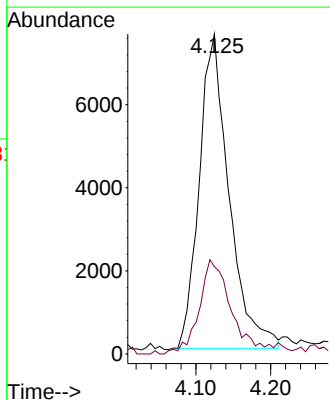
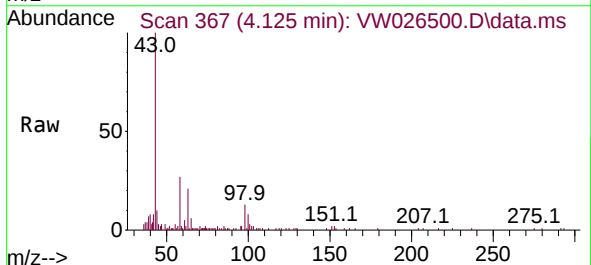
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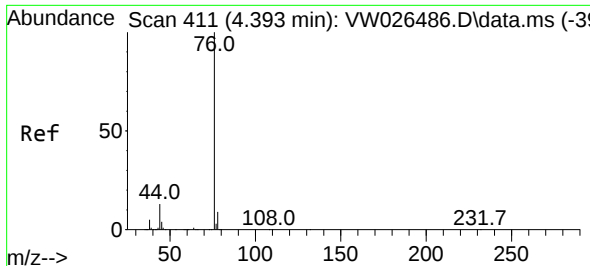
Tgt Ion: 62 Resp: 38398
 Ion Ratio Lower Upper
 62 100
 64 41.1 23.0 42.8



#13
 Acetone
 Concen: 7.640 ug/L
 RT: 4.125 min Scan# 367
 Delta R.T. 0.006 min
 Lab File: VW026500.D
 Acq: 01 Jul 2023 03:12

Tgt Ion: 43 Resp: 20986
 Ion Ratio Lower Upper
 43 100
 58 26.8 0.0 63.2

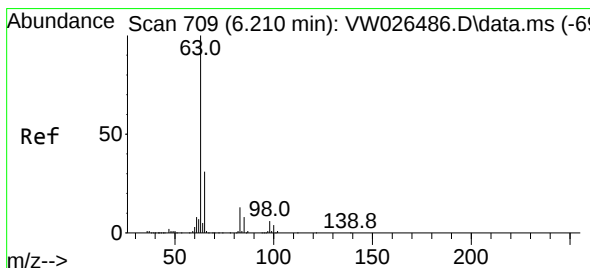
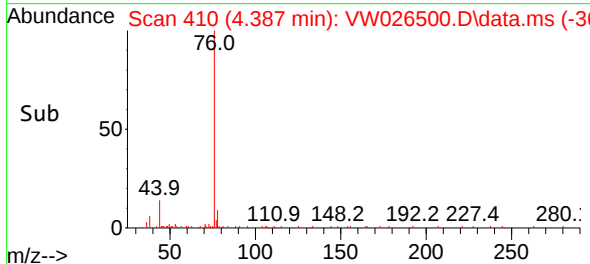
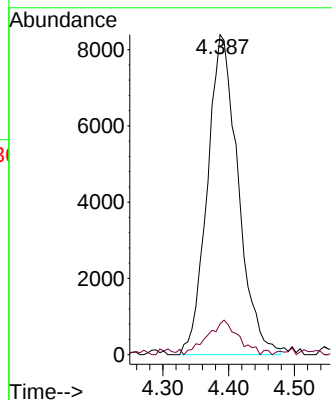
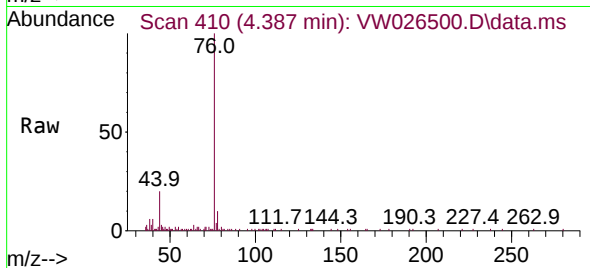




#14
Carbon disulfide
Concen: 0.836 ug/L
RT: 4.387 min Scan# 411
Delta R.T. -0.006 min
Lab File: VW026500.D
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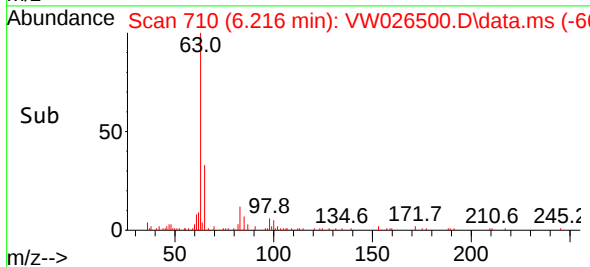
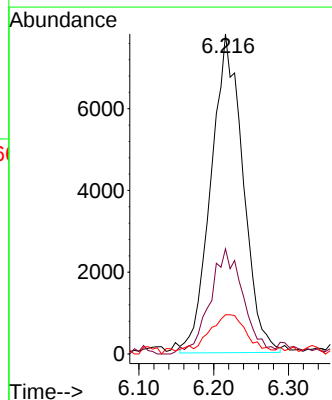
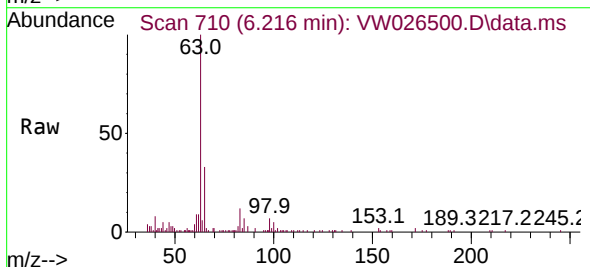
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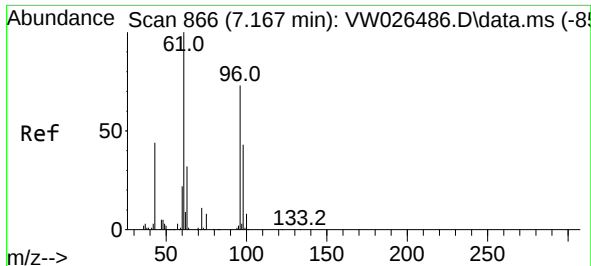
Tgt Ion: 76 Resp: 27371
Ion Ratio Lower Upper
76 100
78 9.6 7.1 10.7



#19
1,1-Dichloroethane
Concen: 1.057 ug/L
RT: 6.216 min Scan# 710
Delta R.T. 0.006 min
Lab File: VW026500.D
Acq: 01 Jul 2023 03:12

Tgt Ion: 63 Resp: 23155
Ion Ratio Lower Upper
63 100
65 32.8 22.3 41.5
83 12.2 8.3 15.3

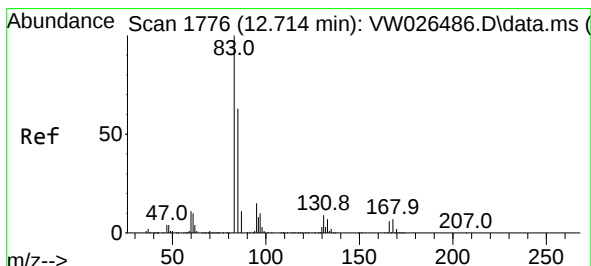
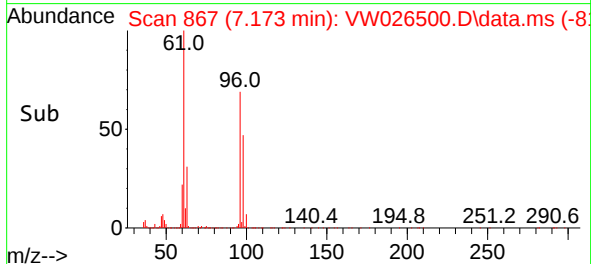
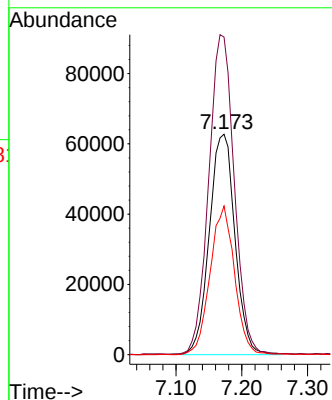
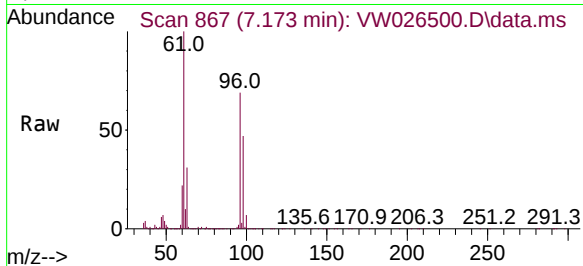




#20
 cis-1,2-Dichloroethene
 Concen: 13.833 ug/L
 RT: 7.173 min Scan# 867
 Delta R.T. 0.006 min
 Lab File: VW026500.D
 Acq: 01 Jul 2023 03:12

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Tgt Ion: 96 Resp: 170574
 Ion Ratio Lower Upper
 96 100
 61 144.0 99.3 184.5
 98 67.4 44.3 82.3



#57
 1,1,2,2-Tetrachloroethane
 Concen: 0.829 ug/L
 RT: 12.690 min Scan# 1772
 Delta R.T. -0.024 min
 Lab File: VW026500.D
 Acq: 01 Jul 2023 03:12

Tgt Ion: 83 Resp: 11845
 Ion Ratio Lower Upper
 83 100
 85 70.2 44.6 82.8
 131 46.4 7.2 10.8

