

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082523\
 Data File : VD077016.D
 Acq On : 25 Aug 2023 15:26
 Operator : JC/SY
 Sample : VD0825SBL01
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 25 23:54:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM080323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 25 23:54:22 2023
 Response via : Initial Calibration

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

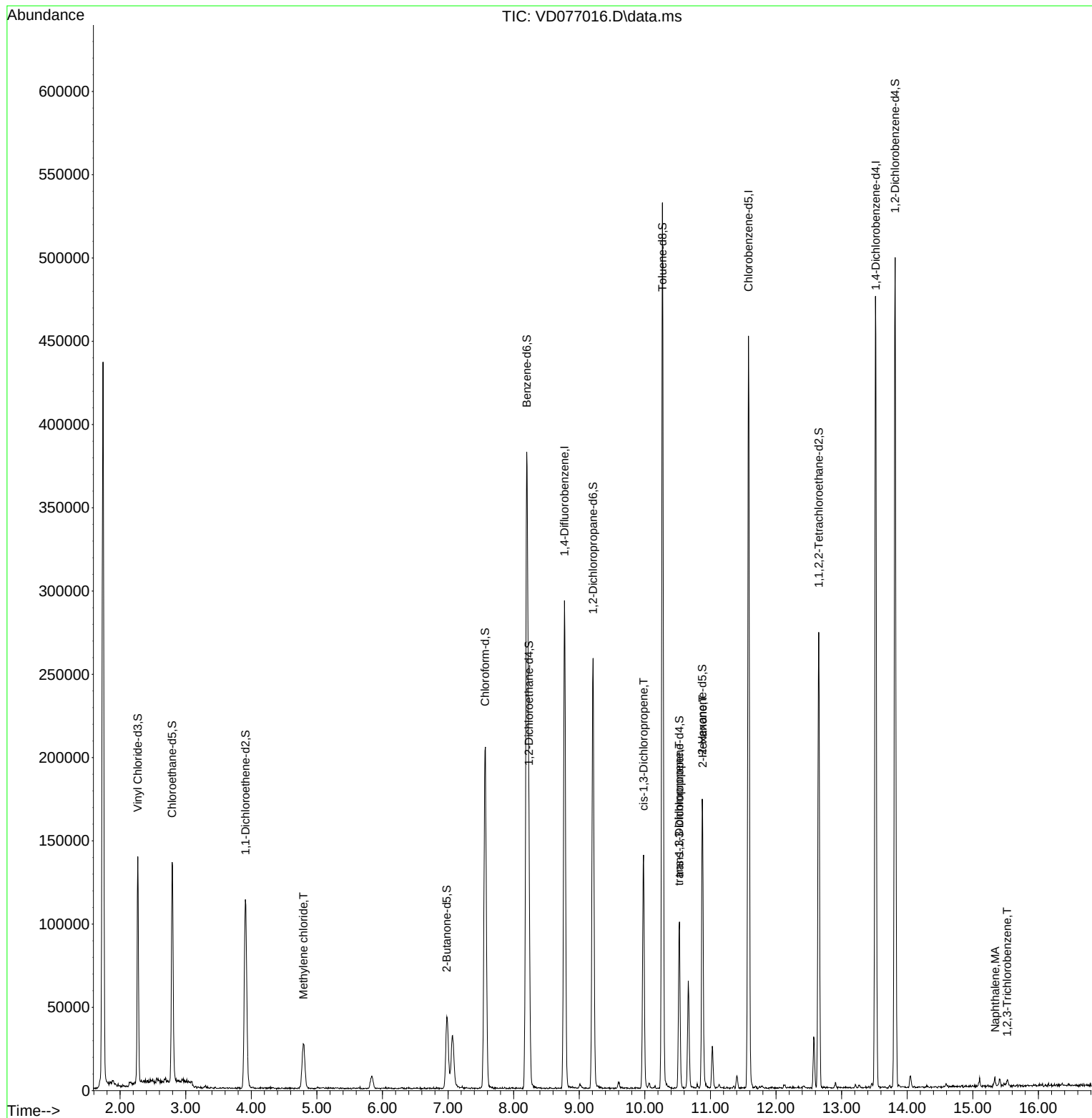
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	278668	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	277445	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	136044	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	121185	15.813	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.240%
7) Chloroethane-d5	2.793	69	137647	19.429	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.720%
11) 1,1-Dichloroethene-d2	3.910	65	32647	17.979	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.920%
21) 2-Butanone-d5	6.981	46	75137	61.068	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.140%
24) Chloroform-d	7.563	84	216457	23.854	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	8.234	65	114456	25.302	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.200%
32) Benzene-d6	8.198	84	409398	23.470	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.880%
36) 1,2-Dichloropropane-d6	9.210	67	129056	24.063	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.240%
41) Toluene-d8	10.269	98	365474	22.852	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.400%
43) trans-1,3-Dichloroprop...	10.528	79	58078	23.952	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.800%
47) 2-Hexanone-d5	10.875	63	64189	62.655	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.320%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	138465	26.718	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.880%
66) 1,2-Dichlorobenzene-d4	13.816	152	139150	27.977	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.920%
Target Compounds						Qvalue
16) Methylene chloride	4.793	84	22479	3.846	ug/L	76
39) cis-1,3-Dichloropropene	9.981	75	4043	0.542	ug/L	83
44) trans-1,3-Dichloropropene	10.522	75	3308	0.508	ug/L #	52
48) 2-Hexanone	10.881	43	6642	2.967	ug/L #	54
71) Naphthalene	15.339	128	5058	0.438	ug/L #	82
72) 1,2,3-Trichlorobenzene	15.522	180	1883	0.422	ug/L	92

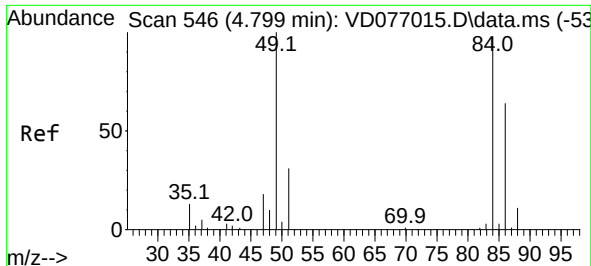
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

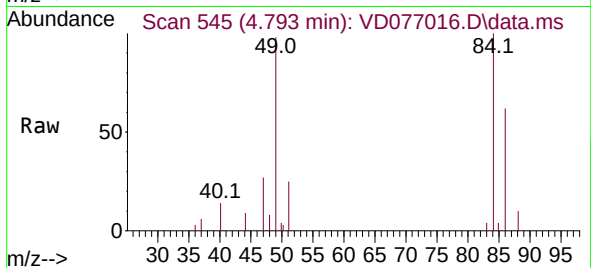
Quant Time: Aug 25 23:54:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM080323SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Aug 25 23:54:22 2023
Response via : Initial Calibration



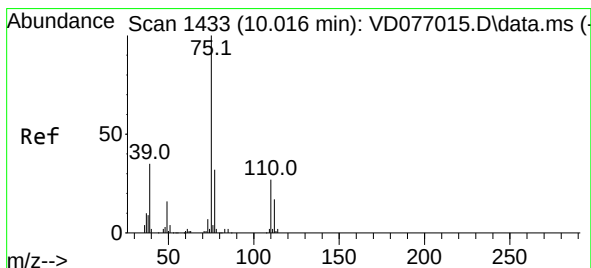
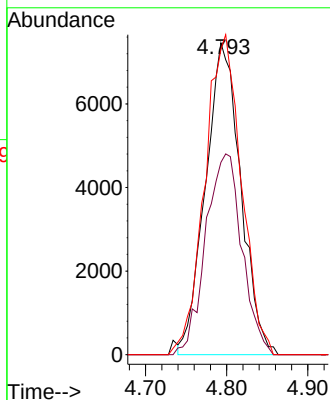
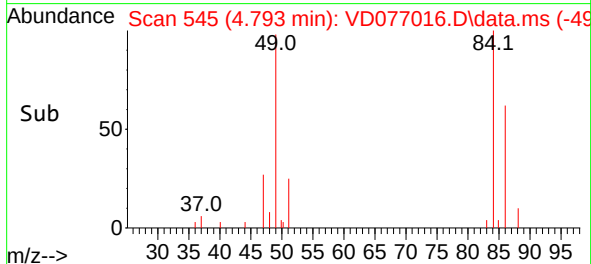


#16
Methylene chloride
Concen: 3.846 ug/L
RT: 4.793 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD077016.D
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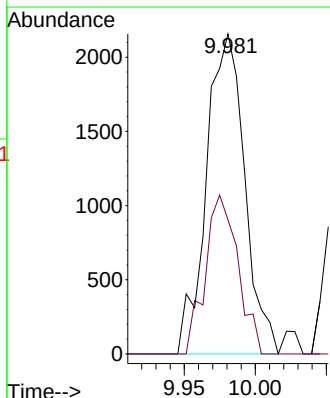
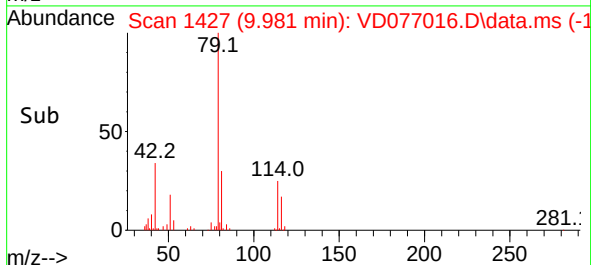
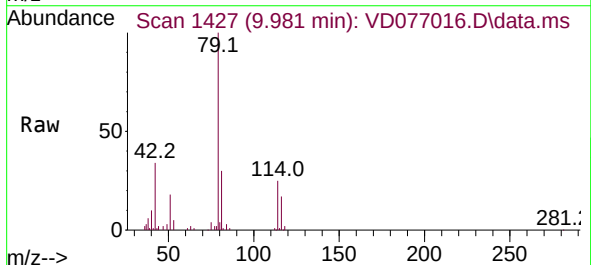


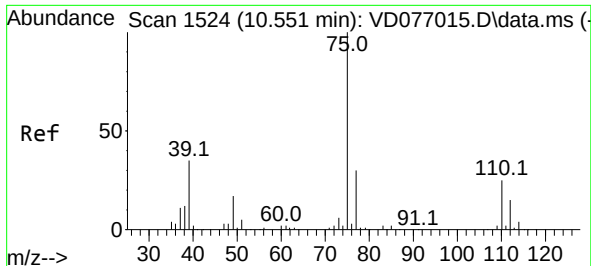
Tgt Ion: 84 Resp: 22479
Ion Ratio Lower Upper
84 100
86 61.7 45.1 83.9
49 98.0 97.2 180.6



#39
cis-1,3-Dichloropropene
Concen: 0.542 ug/L
RT: 9.981 min Scan# 1427
Delta R.T. -0.035 min
Lab File: VD077016.D
Acq: 25 Aug 2023 15:26

Tgt Ion: 75 Resp: 4043
Ion Ratio Lower Upper
75 100
77 42.0 22.7 42.3

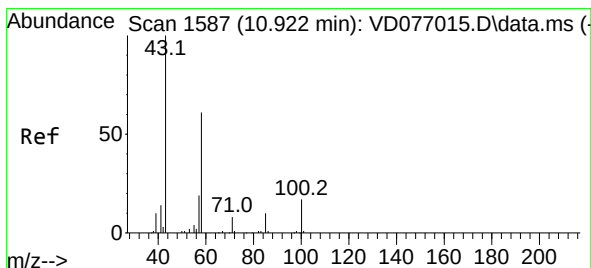
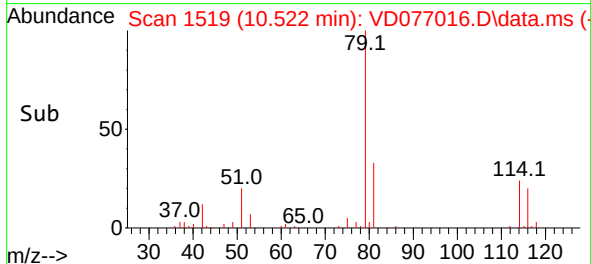
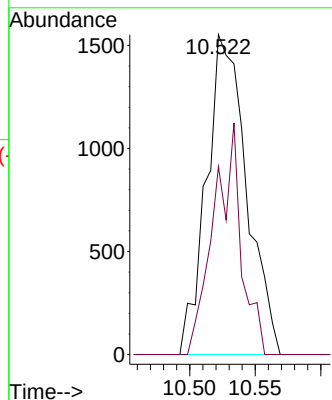
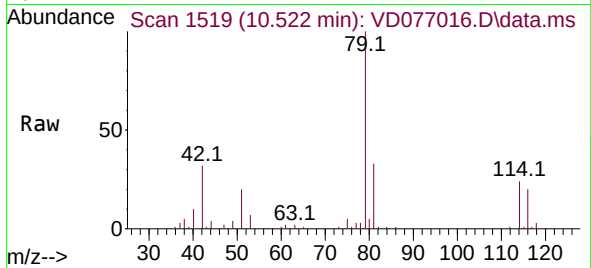




#44
trans-1,3-Dichloropropene
Concen: 0.508 ug/L
RT: 10.522 min Scan# 11
Delta R.T. -0.029 min
Lab File: VD077016.D
Acq: 25 Aug 2023 15:26

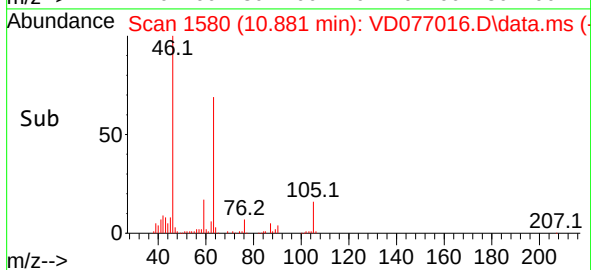
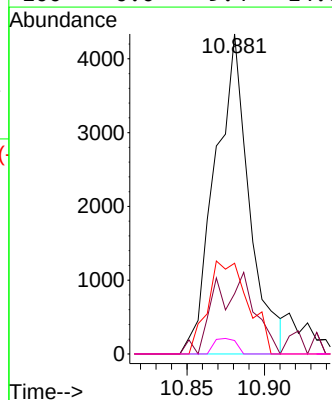
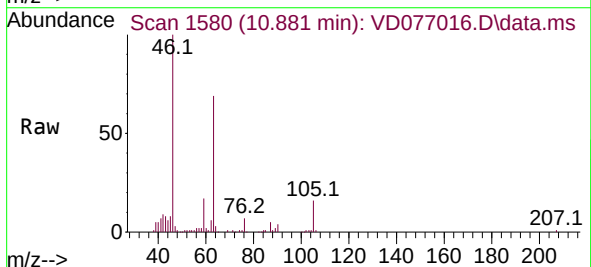
Instrument :
MSVOA_D
ClientSampleId :

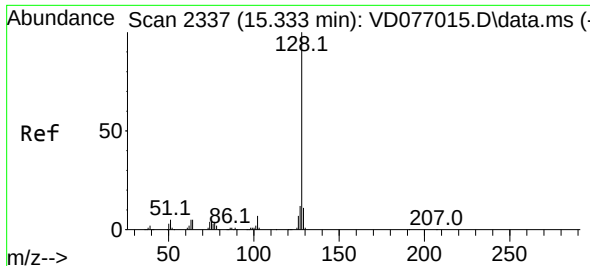
Tgt Ion: 75 Resp: 3308
Ion Ratio Lower Upper
75 100
77 58.8 22.5 41.7#



#48
2-Hexanone
Concen: 2.967 ug/L
RT: 10.881 min Scan# 1580
Delta R.T. -0.041 min
Lab File: VD077016.D
Acq: 25 Aug 2023 15:26

Tgt Ion: 43 Resp: 6642
Ion Ratio Lower Upper
43 100
58 17.0 42.9 64.3#
57 0.0 13.7 20.5#
100 0.0 9.4 14.0#

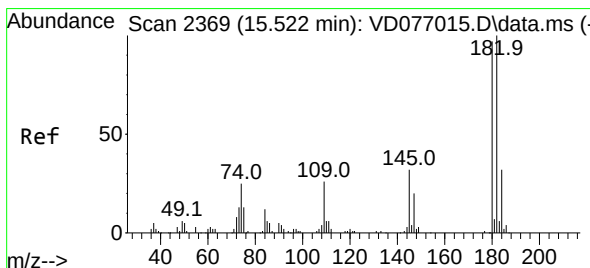
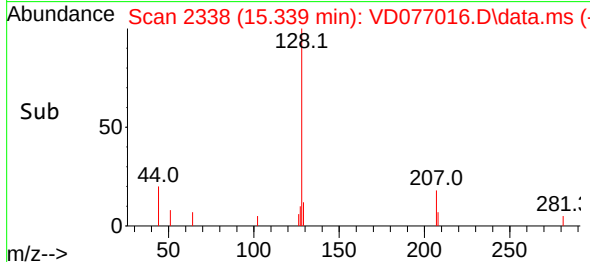
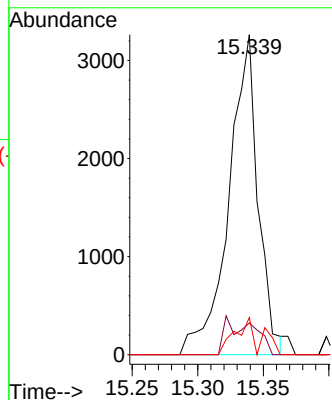
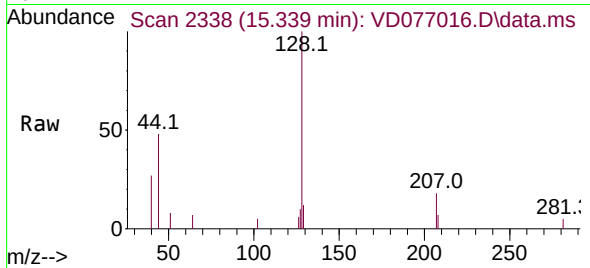




#71
Naphthalene
Concen: 0.438 ug/L
RT: 15.339 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD077016.D
Acq: 25 Aug 2023 15:26

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 5058
Ion Ratio Lower Upper
128 100
127 7.1 10.8 16.2#
129 2.6 8.6 12.8#



#72
1,2,3-Trichlorobenzene
Concen: 0.422 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD077016.D
Acq: 25 Aug 2023 15:26

Tgt Ion:180 Resp: 1883
Ion Ratio Lower Upper
180 100
182 83.4 74.3 111.5
145 30.0 25.0 37.6

