

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082523\
 Data File : VD077022.D
 Acq On : 25 Aug 2023 18:17
 Operator : JC/SY
 Sample : 04172-07
 Misc : 4.47G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 25 23:56:29 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)

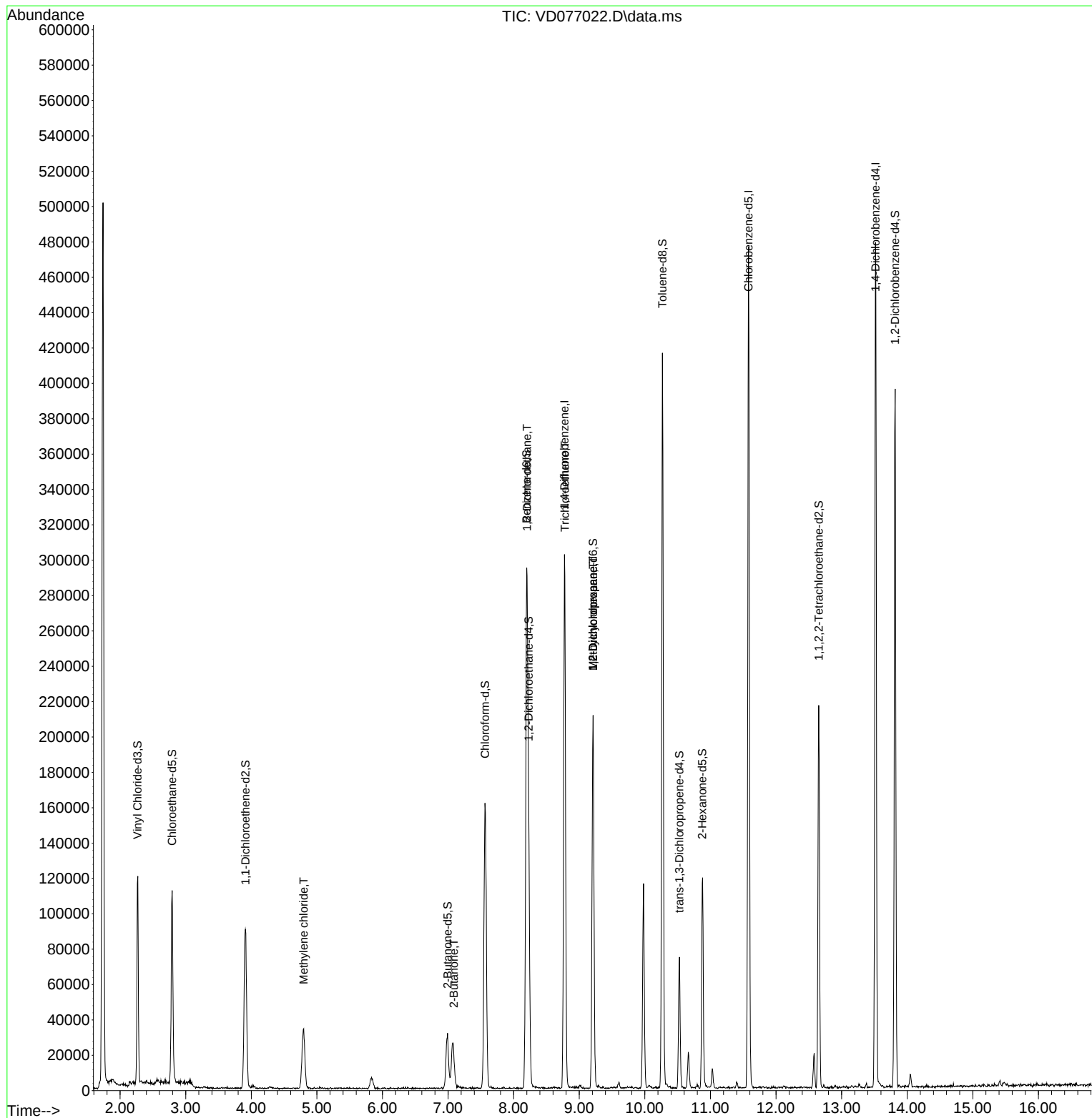
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	280096	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	287634	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	134304	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.263	65	105478	13.693	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	54.760%		
7) Chloroethane-d5	2.793	69	111991	15.727	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	62.920%		
11) 1,1-Dichloroethene-d2	3.910	65	26349	14.436	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	57.760%		
21) 2-Butanone-d5	6.993	46	50286	40.662	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	81.320%		
24) Chloroform-d	7.563	84	175473	19.239	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	76.960%		
26) 1,2-Dichloroethane-d4	8.228	65	92202	20.279	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	81.120%		
32) Benzene-d6	8.198	84	323319	17.878	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	71.520%		
36) 1,2-Dichloropropane-d6	9.210	67	104482	18.791	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	75.160%		
41) Toluene-d8	10.269	98	286566	17.283	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	69.120%		
43) trans-1,3-Dichloroprop...	10.528	79	44503	17.703	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	70.800%		
47) 2-Hexanone-d5	10.875	63	43216	40.689	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	81.380%		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	110821	20.626	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	82.520%		
66) 1,2-Dichlorobenzene-d4	13.816	152	109523	22.306	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	89.240%		
Target Compounds						
					Qvalue	
16) Methylene chloride	4.799	84	27981	4.762	ug/L #	72
22) 2-Butanone	7.087	43	2105	1.190	ug/L #	71
27) 1,2-Dichloroethane	8.204	62	2091	0.391	ug/L #	71
34) Trichloroethene	8.781	95	7629	1.554	ug/L #	4
35) Methylcyclohexane	9.210	83	25923	3.238	ug/L #	20
37) 1,2-Dichloropropane	9.210	63	11762	2.456	ug/L #	88

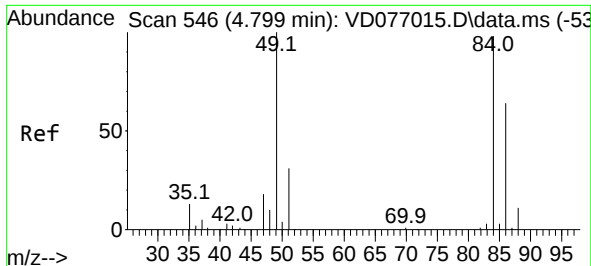
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082523\
Data File : VD077022.D
Acq On : 25 Aug 2023 18:17
Operator : JC/SY
Sample : 04172-07
Misc : 4.47G/10.0ml/MSVOA_D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

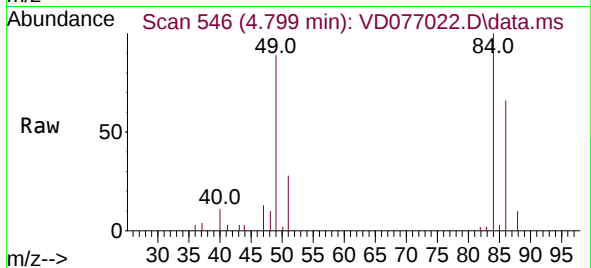
Quant Time: Aug 25 23:56:29 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM080323SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Aug 25 23:54:22 2023
Response via : Initial Calibration



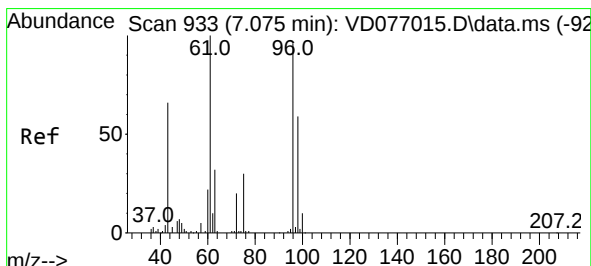
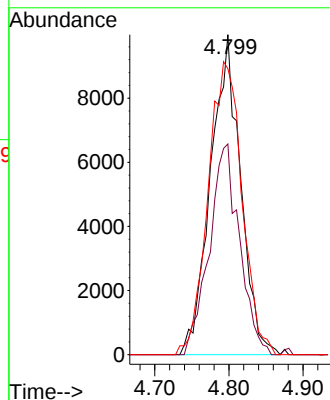
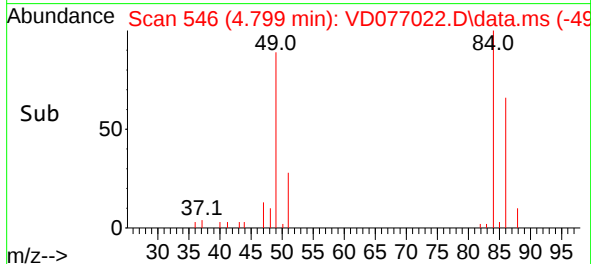


#16
Methylene chloride
Concen: 4.762 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD077022.D
Acq: 25 Aug 2023 18:17

Instrument :
MSVOA_D
ClientSampleId :

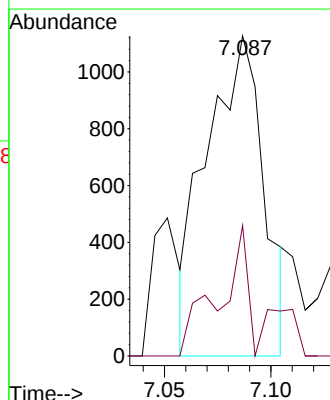
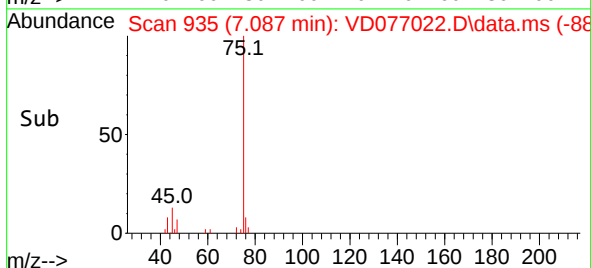
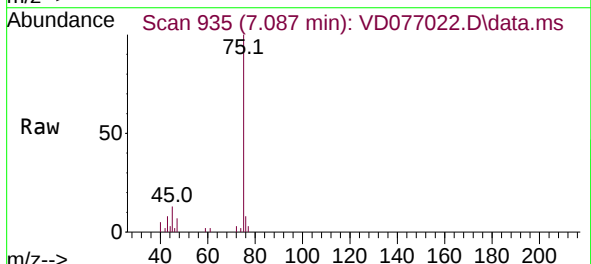


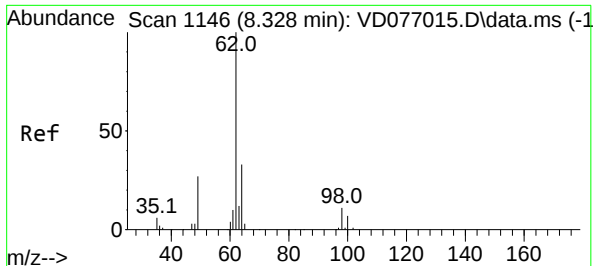
Tgt Ion: 84 Resp: 27981
Ion Ratio Lower Upper
84 100
86 65.8 45.1 83.9
49 89.4 97.2 180.6#



#22
2-Butanone
Concen: 1.190 ug/L
RT: 7.087 min Scan# 935
Delta R.T. 0.012 min
Lab File: VD077022.D
Acq: 25 Aug 2023 18:17

Tgt Ion: 43 Resp: 2105
Ion Ratio Lower Upper
43 100
72 10.9 12.9 38.7#





#27

1,2-Dichloroethane

Concen: 0.391 ug/L

RT: 8.204 min Scan# 1146

Delta R.T. -0.124 min

Lab File: VD077022.D

Acq: 25 Aug 2023 18:17

Instrument :

MSVOA_D

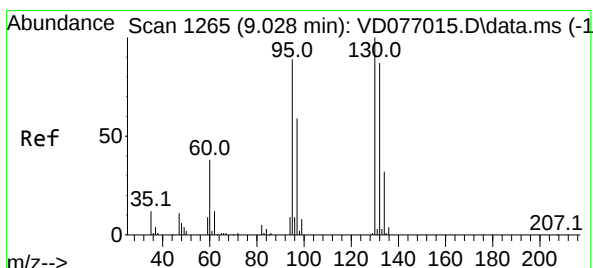
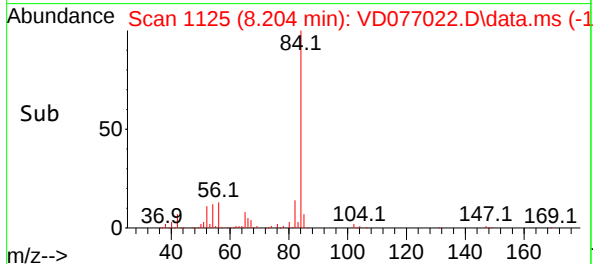
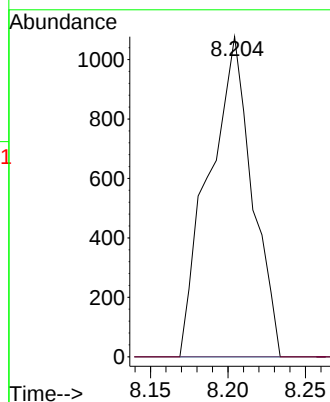
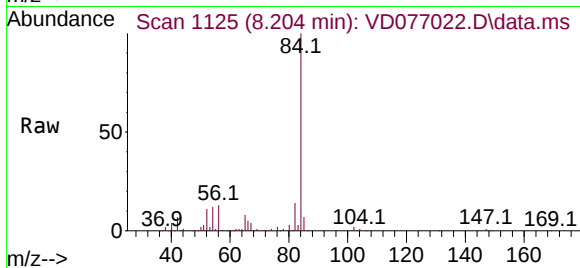
ClientSampleId :

Tgt Ion: 62 Resp: 2091

Ion Ratio Lower Upper

62 100

98 0.0 8.7 13.1#



#34

Trichloroethene

Concen: 1.554 ug/L

RT: 8.781 min Scan# 1223

Delta R.T. -0.247 min

Lab File: VD077022.D

Acq: 25 Aug 2023 18:17

Tgt Ion: 95 Resp: 7629

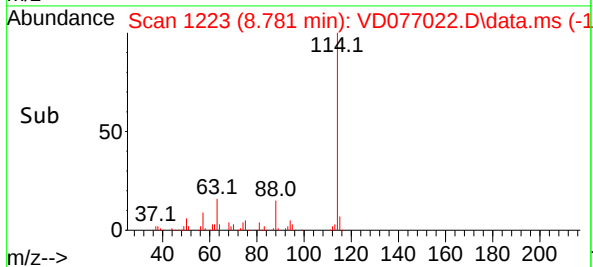
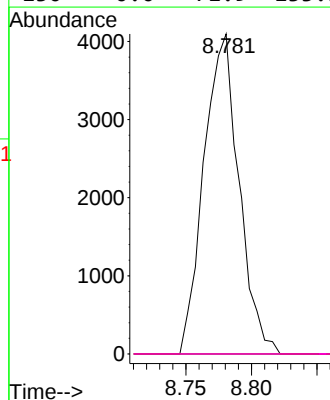
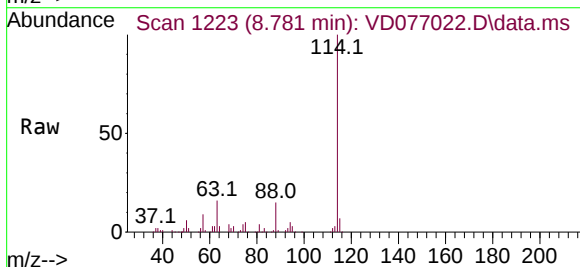
Ion Ratio Lower Upper

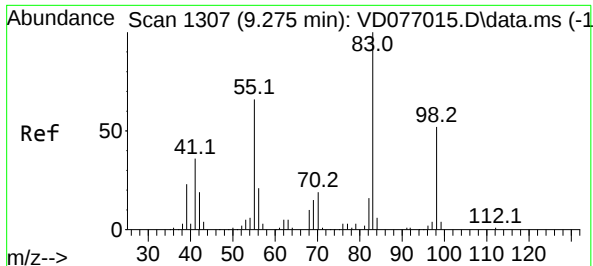
95 100

97 0.0 43.1 80.1#

132 0.0 71.8 133.4#

130 0.0 71.9 133.5#

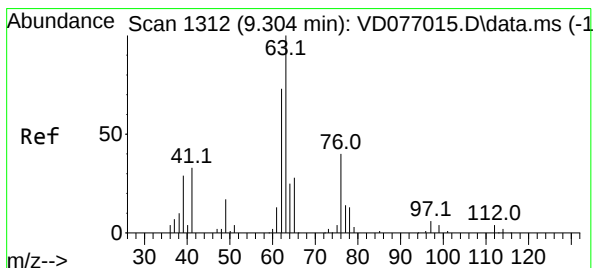
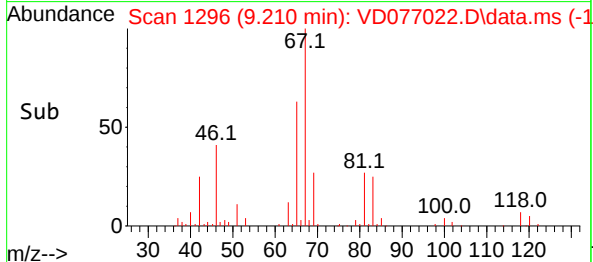
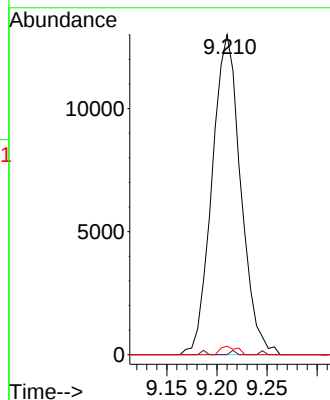
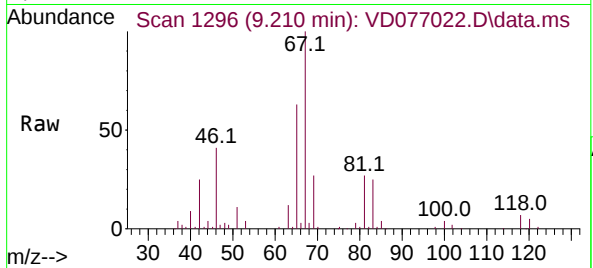




#35
Methylcyclohexane
Concen: 3.238 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.065 min
Lab File: VD077022.D
Acq: 25 Aug 2023 18:17

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 83 Resp: 25923
Ion Ratio Lower Upper
83 100
55 0.0 59.8 89.6#
98 1.5 37.8 56.6#



#37
1,2-Dichloropropane
Concen: 2.456 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.094 min
Lab File: VD077022.D
Acq: 25 Aug 2023 18:17

Tgt Ion: 63 Resp: 11762
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#

