

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050924\
 Data File : VL041250.D
 Acq On : 9 May 2024 9:34
 Operator : SY/MD
 Sample : VL0509ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: May 10 01:24:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri May 10 01:23:08 2024
 Response via : Initial Calibration

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

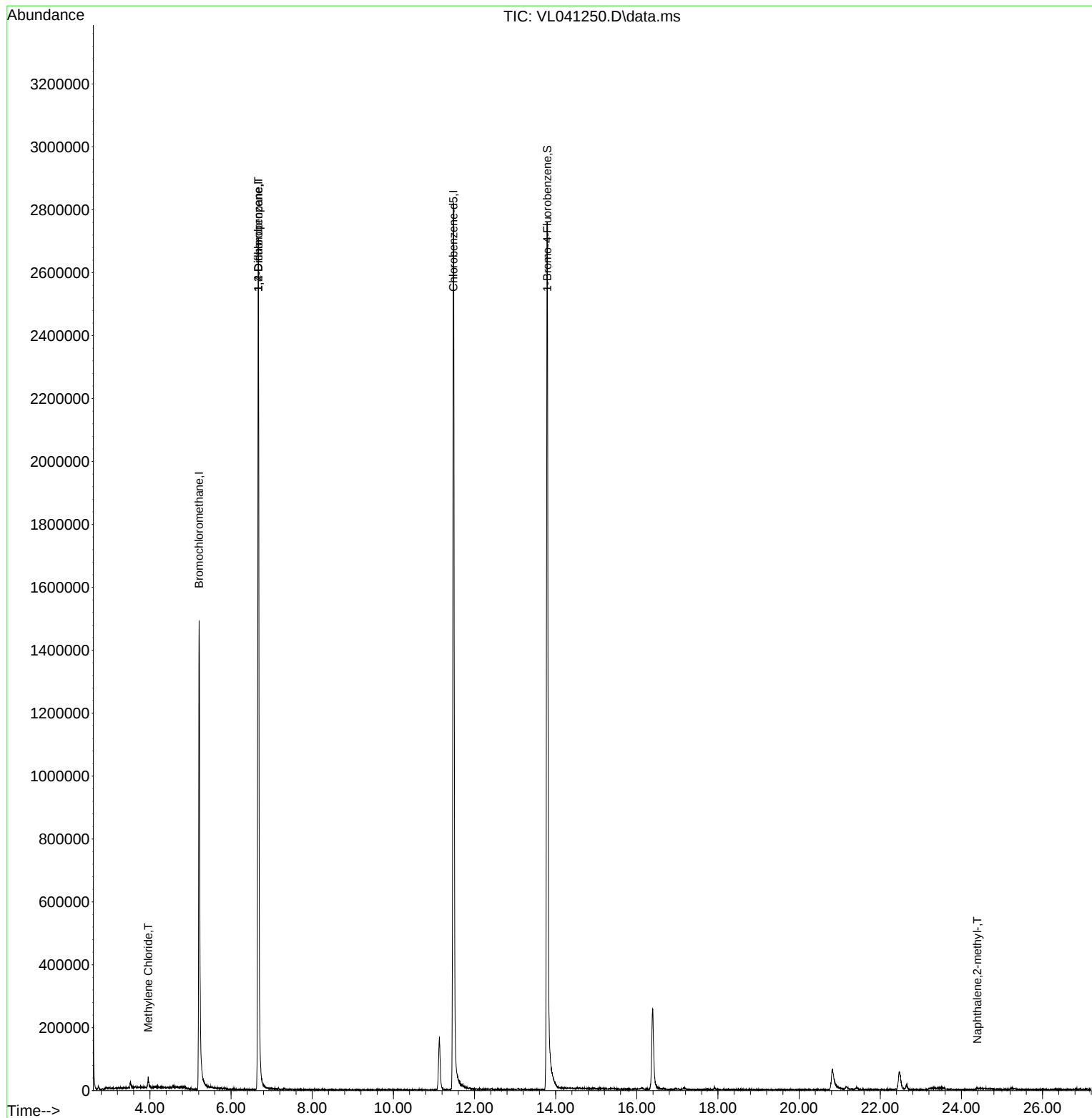
Internal Standards						
1) Bromochloromethane	5.211	49	790352	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.671	114	2113966	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.481	117	1900123	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.793	95	1432979	9.989	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.900%
Target Compounds						
					Qvalue	
20) Methylene Chloride	3.957	84	5140	0.158	ppbv #	87
39) 1,2-Dichloropropane	6.671	63	530915	7.766	ppbv #	24
80) Naphthalene,2-methyl-	24.390	142	3608	0.041	ppbv	89

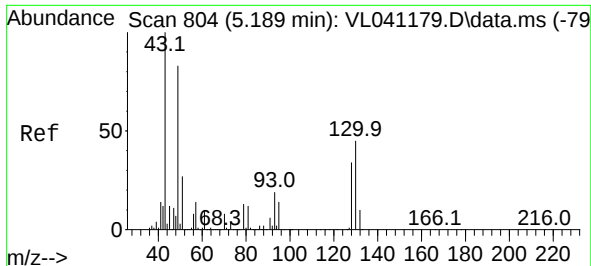
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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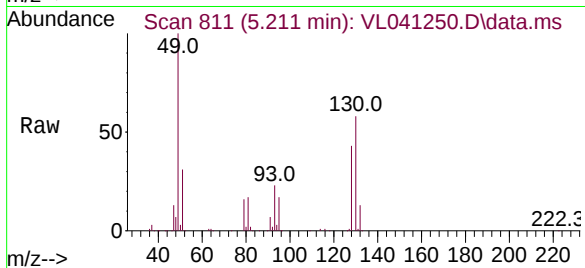
Quant Time: May 10 01:24:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
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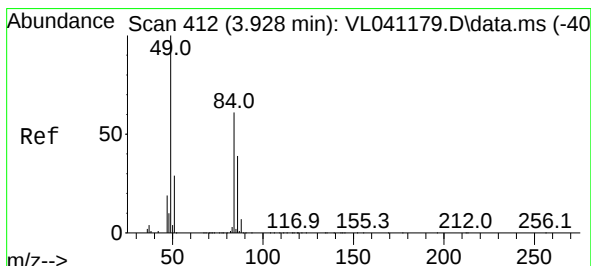
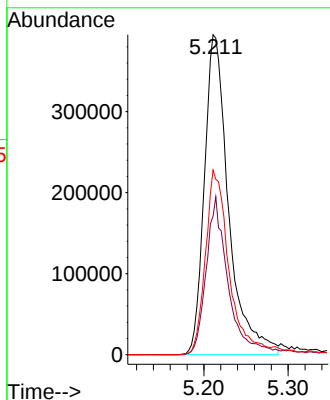
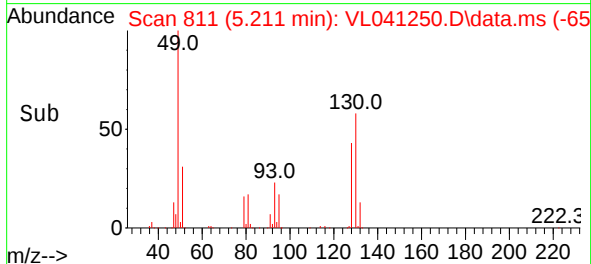


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.006 min
Lab File: VL041250.D
Acq: 9 May 2024 9:34

Instrument :
MSVOA_L
ClientSampleId :

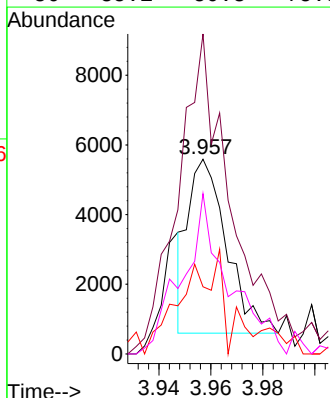
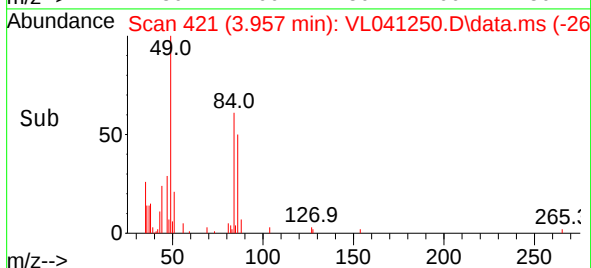
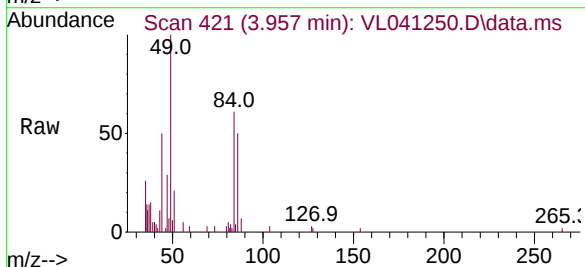


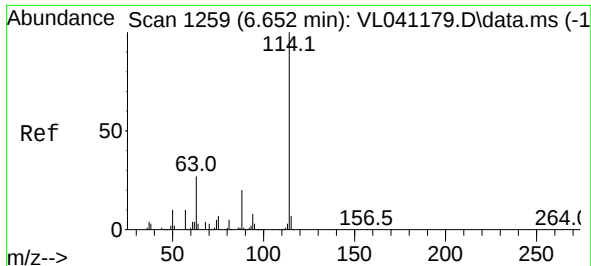
Tgt Ion: 49 Resp: 790352
Ion Ratio Lower Upper
49 100
128 46.4 21.5 64.5
130 58.7 27.2 81.6



#20
Methylene Chloride
Concen: 0.158 ppbv
RT: 3.957 min Scan# 421
Delta R.T. 0.010 min
Lab File: VL041250.D
Acq: 9 May 2024 9:34

Tgt Ion: 84 Resp: 5140
Ion Ratio Lower Upper
84 100
49 165.1 130.4 195.6
51 26.7 38.0 57.0#
86 85.1 50.3 75.5#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.671 min Scan# 1265

Delta R.T. 0.003 min

Lab File: VL041250.D

Acq: 9 May 2024 9:34

Instrument :

MSVOA_L

ClientSampleId :

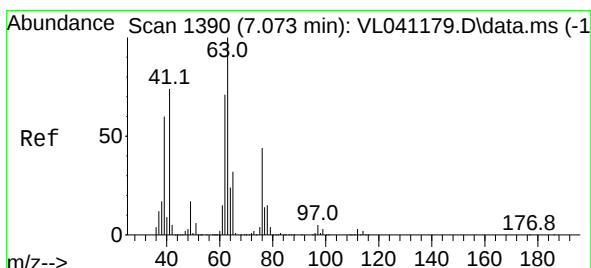
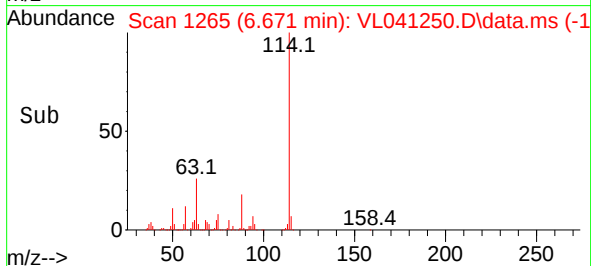
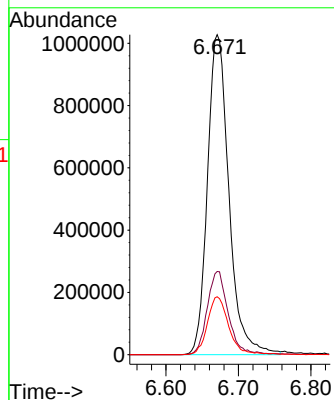
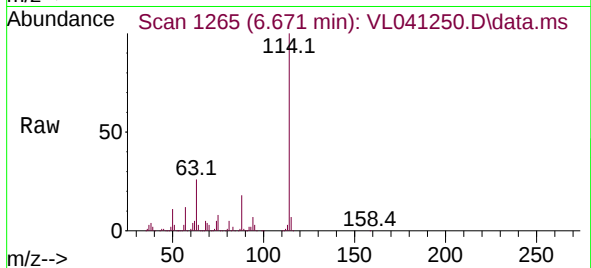
Tgt Ion:114 Resp: 2113966

Ion Ratio Lower Upper

114 100

63 25.8 21.8 32.6

88 18.1 15.2 22.8



#39

1,2-Dichloropropane

Concen: 7.766 ppbv

RT: 6.671 min Scan# 1265

Delta R.T. -0.418 min

Lab File: VL041250.D

Acq: 9 May 2024 9:34

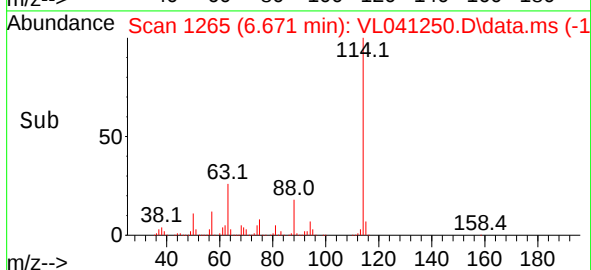
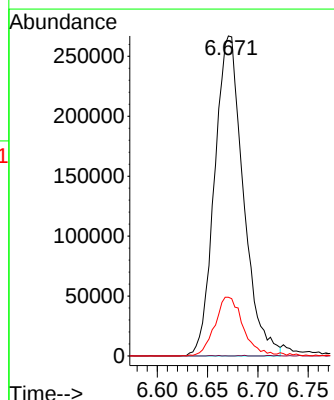
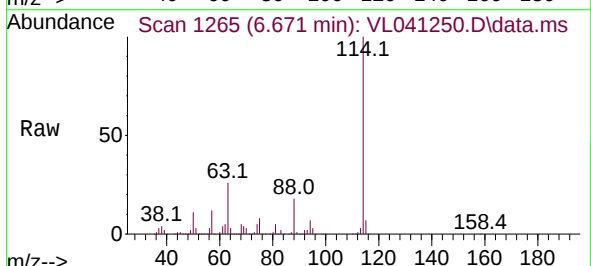
Tgt Ion: 63 Resp: 530915

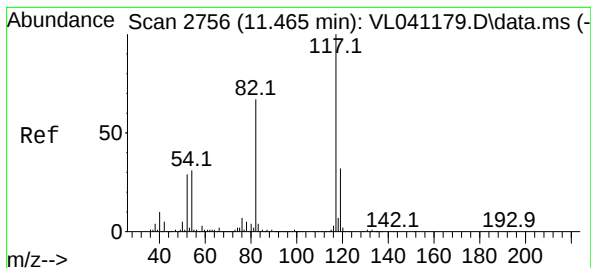
Ion Ratio Lower Upper

63 100

41 0.0 59.4 89.0#

62 18.3 56.8 85.2#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.481 min Scan# 21

Delta R.T. -0.000 min

Lab File: VL041250.D

Acq: 9 May 2024 9:34

Instrument :

MSVOA_L

ClientSampleId :

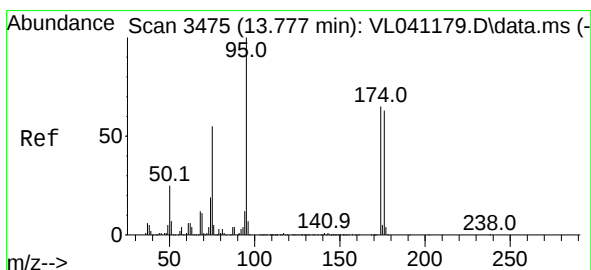
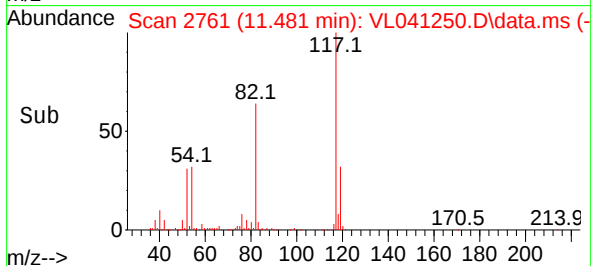
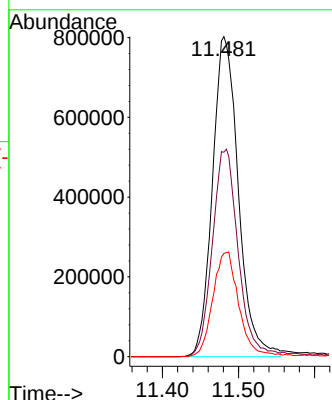
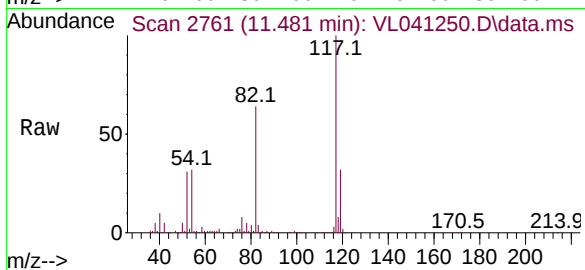
Tgt Ion:117 Resp: 1900123

Ion Ratio Lower Upper

117 100

82 65.7 53.6 80.4

119 32.8 27.2 40.8



#68

1-Bromo-4-Fluorobenzene

Concen: 9.989 ppbv

RT: 13.793 min Scan# 3480

Delta R.T. 0.006 min

Lab File: VL041250.D

Acq: 9 May 2024 9:34

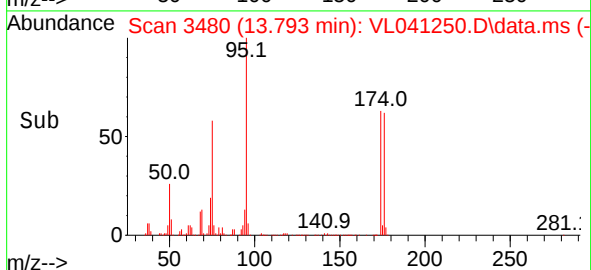
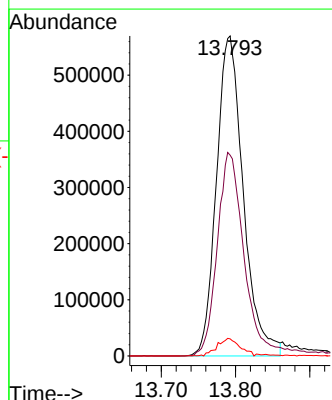
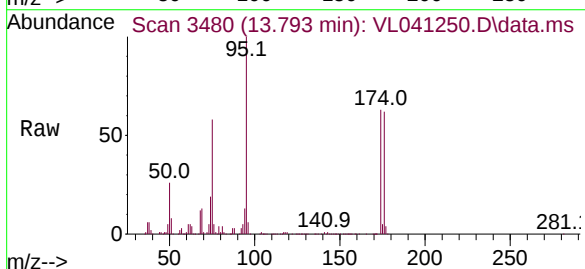
Tgt Ion: 95 Resp: 1432979

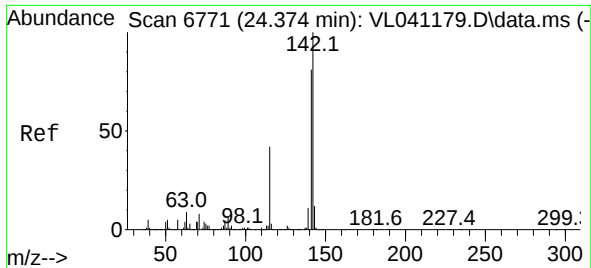
Ion Ratio Lower Upper

95 100

174 66.4 53.6 80.4

175 4.8 4.2 6.4





#80

Naphthalene, 2-methyl-

Concen: 0.041 ppbv

RT: 24.390 min Scan# 61

Delta R.T. 0.003 min

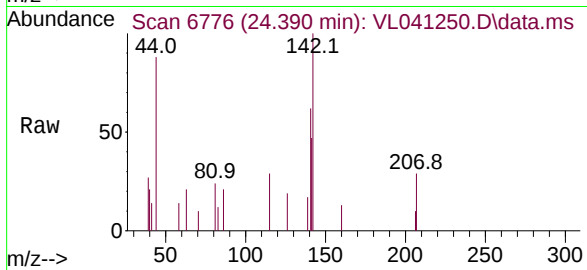
Lab File: VL041250.D

Acq: 9 May 2024 9:34

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:142 Resp: 3608

Ion Ratio Lower Upper

142 100

141 97.6 67.9 101.9

115 35.4 31.4 47.0

