

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050624\
 Data File : VL041211.D
 Acq On : 6 May 2024 10:13
 Operator : SY/MD
 Sample : VL0506ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0506ABL01

Quant Time: May 07 05:21:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue May 07 05:19:44 2024
 Response via : Initial Calibration

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

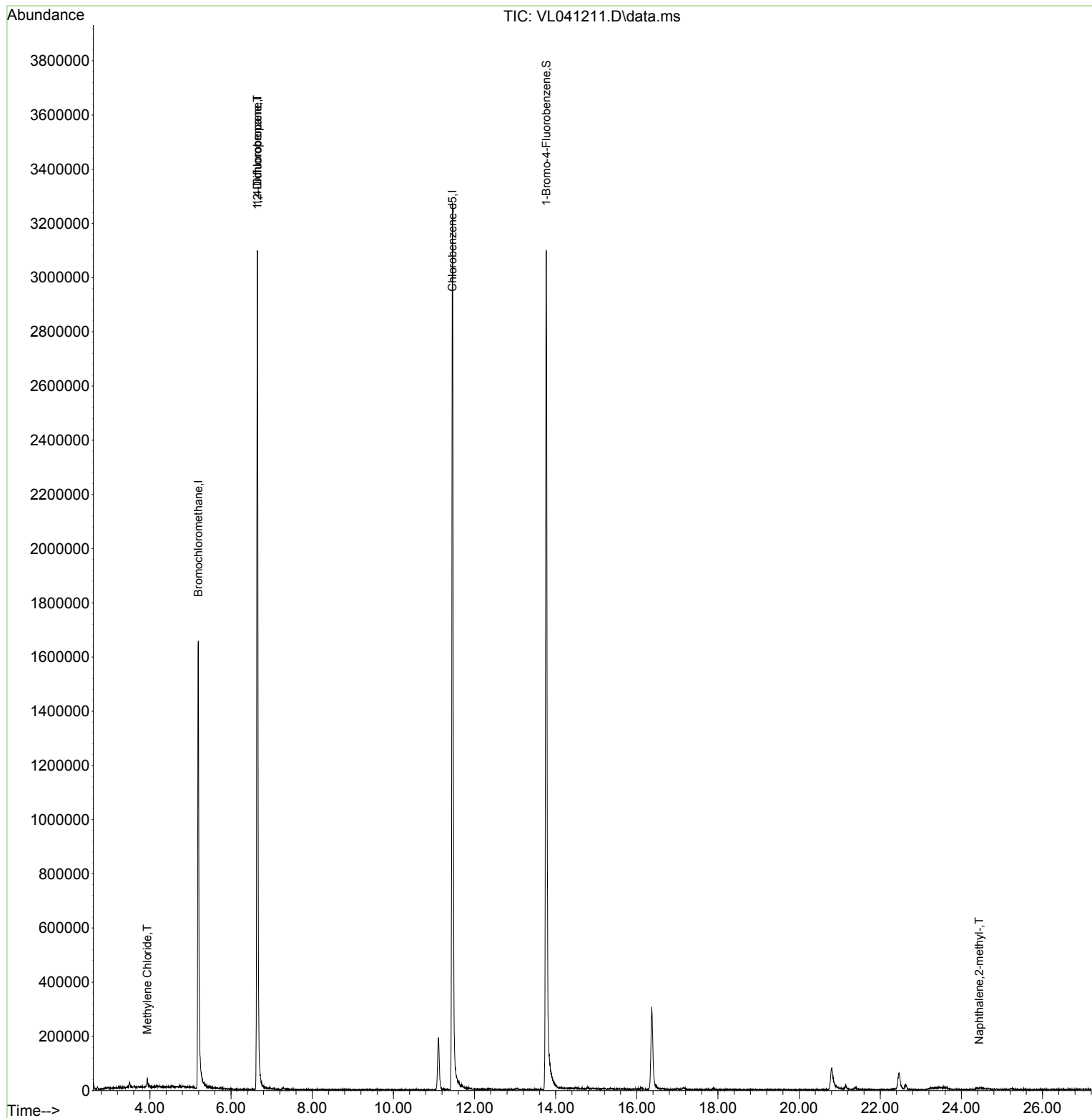
Internal Standards						
1) Bromochloromethane	5.192	49	911002	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	2393103	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.455	117	2185342	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	1650524	10.004	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.000%
Target Compounds						
20) Methylene Chloride	3.935	84	7499	0.201	ppbv	95
39) 1,2-Dichloropropane	6.645	63	620227	8.014	ppbv #	24
80) Naphthalene,2-methyl-	24.439	142	3832	0.038	ppbv	96

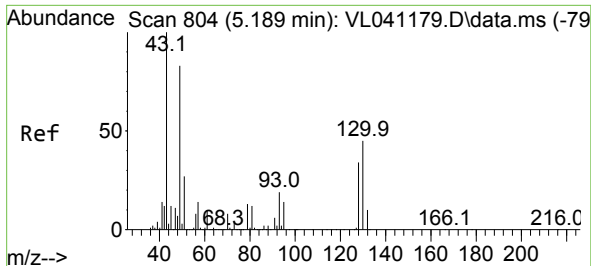
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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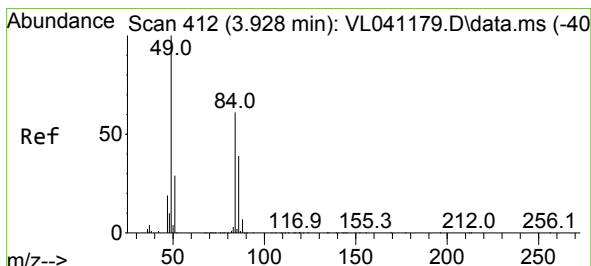
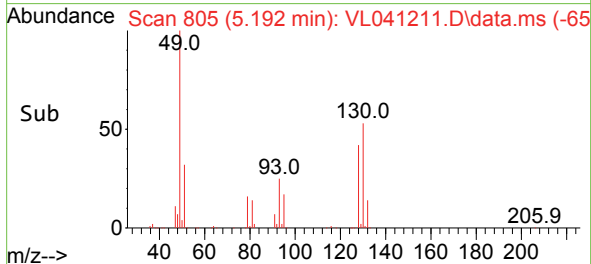
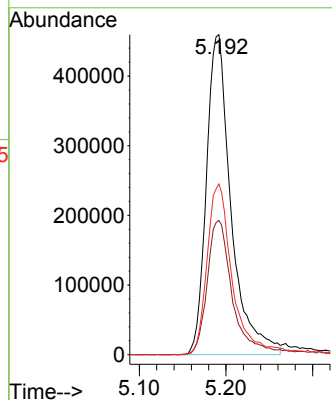
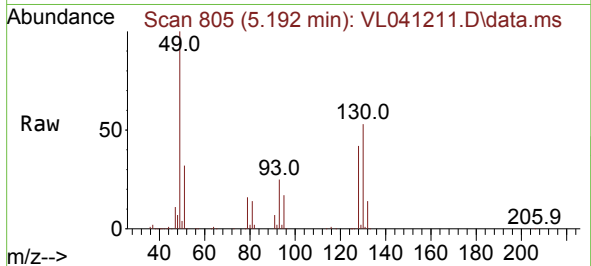




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 804
Delta R.T. -0.003 min
Lab File: VL041211.D
Acq: 6 May 2024 10:13

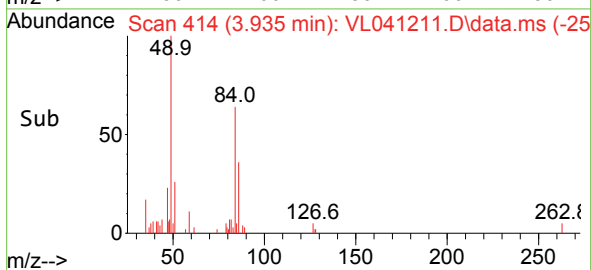
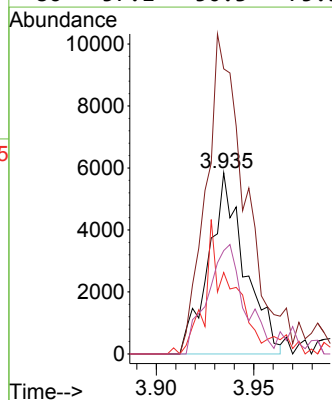
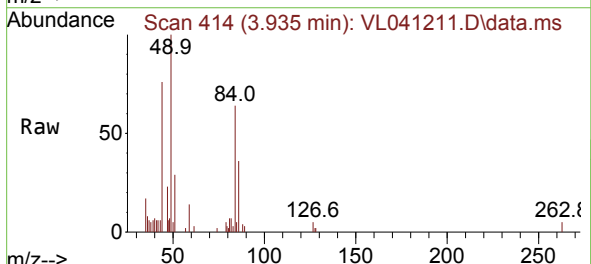
Instrument :
MSVOA_L
ClientSampleId :
VL0506ABL01

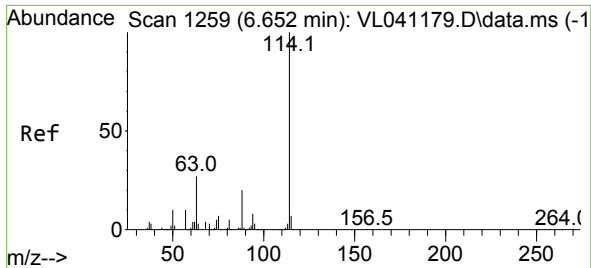
Tgt Ion: 49 Resp: 911002
Ion Ratio Lower Upper
49 100
128 44.1 21.5 64.5
130 57.3 27.2 81.6



#20
Methylene Chloride
Concen: 0.201 ppbv
RT: 3.935 min Scan# 414
Delta R.T. -0.003 min
Lab File: VL041211.D
Acq: 6 May 2024 10:13

Tgt Ion: 84 Resp: 7499
Ion Ratio Lower Upper
84 100
49 157.4 130.4 195.6
51 45.0 38.0 57.0
86 57.1 50.3 75.5

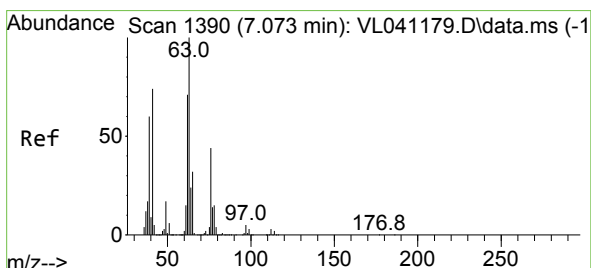
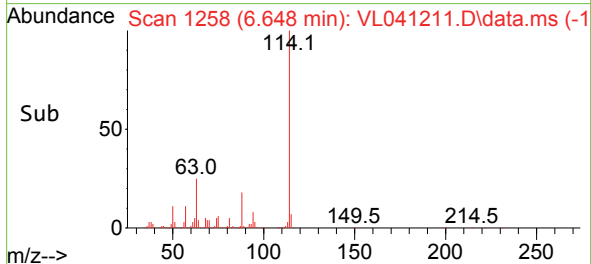
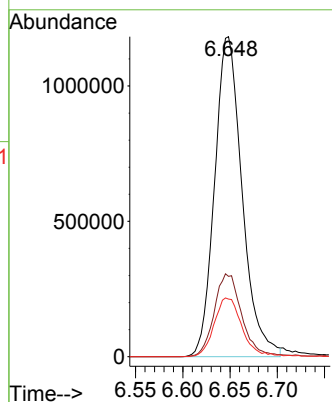
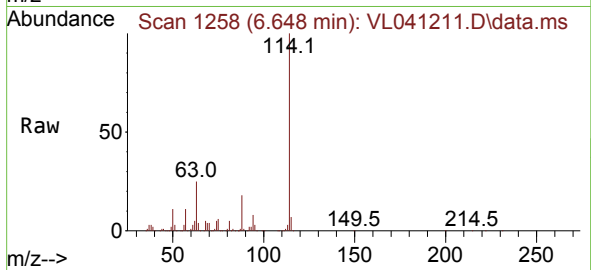




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 6.648 min Scan# 1258
 Delta R.T. -0.006 min
 Lab File: VL041211.D
 Acq: 6 May 2024 10:13

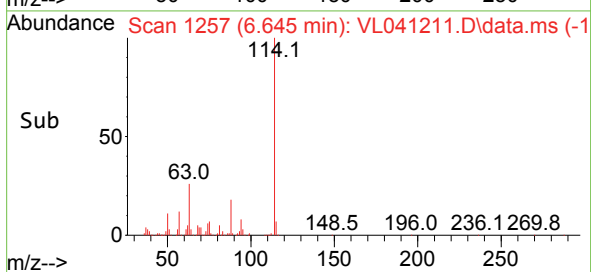
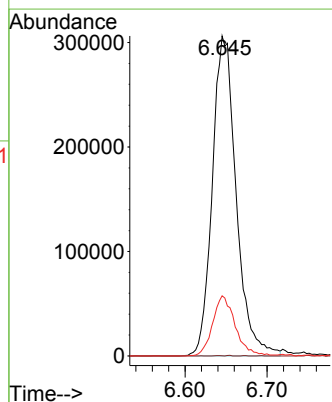
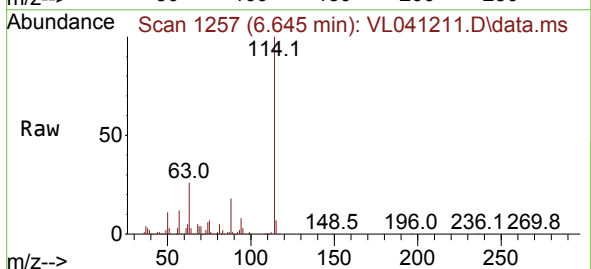
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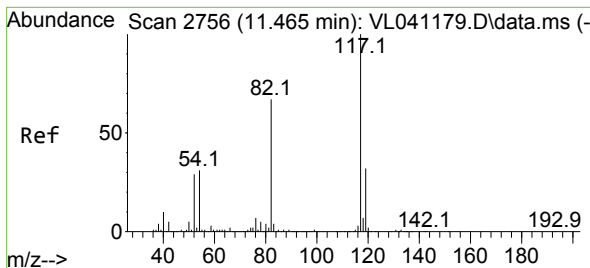
Tgt Ion:114 Resp: 2393103
 Ion Ratio Lower Upper
 114 100
 63 26.5 21.8 32.6
 88 18.9 15.2 22.8



#39
 1,2-Dichloropropane
 Concen: 8.014 ppbv
 RT: 6.645 min Scan# 1257
 Delta R.T. -0.428 min
 Lab File: VL041211.D
 Acq: 6 May 2024 10:13

Tgt Ion: 63 Resp: 620227
 Ion Ratio Lower Upper
 63 100
 41 0.1 59.4 89.0#
 62 18.8 56.8 85.2#

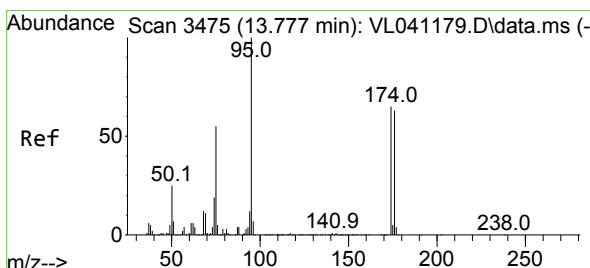
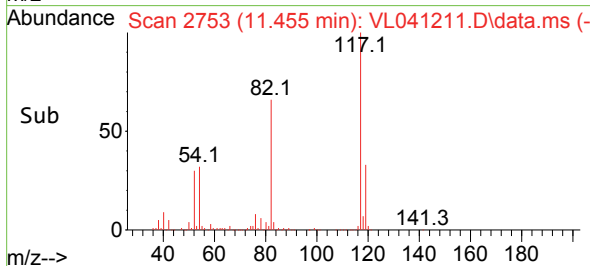
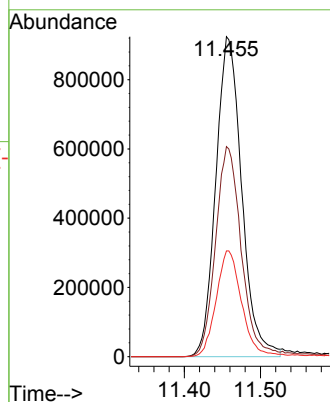
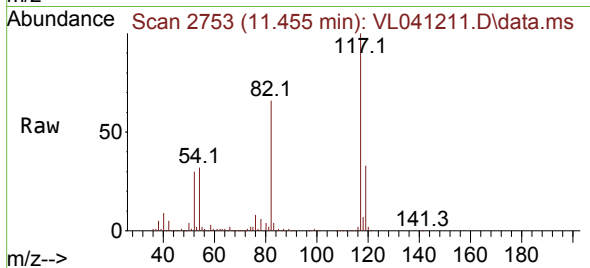




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.455 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL041211.D
Acq: 6 May 2024 10:13

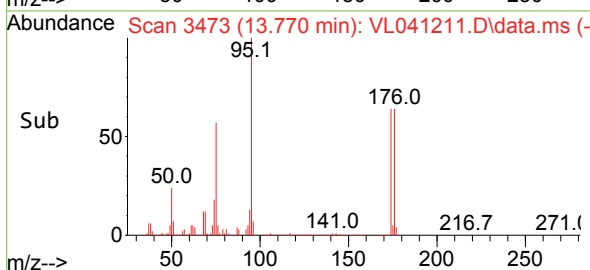
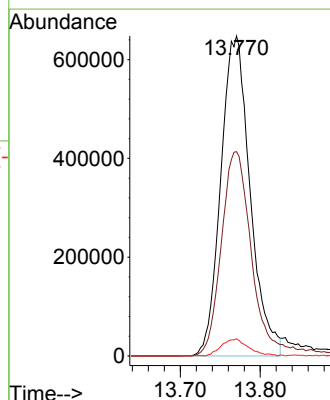
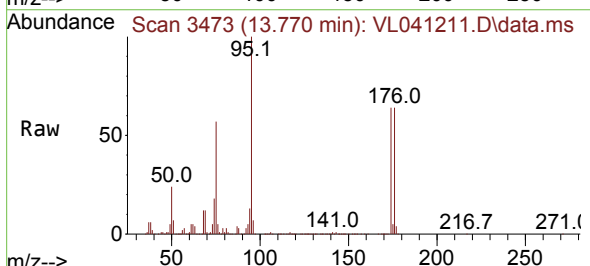
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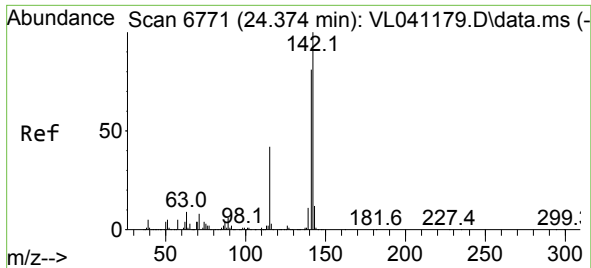
Tgt Ion:117 Resp: 2185342
Ion Ratio Lower Upper
117 100
82 67.3 53.6 80.4
119 32.9 27.2 40.8



#68
1-Bromo-4-Fluorobenzene
Concen: 10.004 ppbv
RT: 13.770 min Scan# 3473
Delta R.T. -0.003 min
Lab File: VL041211.D
Acq: 6 May 2024 10:13

Tgt Ion: 95 Resp: 1650524
Ion Ratio Lower Upper
95 100
174 68.8 53.6 80.4
175 5.0 4.2 6.4





#80
Naphthalene, 2-methyl-
Concen: 0.038 ppbv
RT: 24.439 min Scan# 61
Delta R.T. 0.068 min
Lab File: VL041211.D
Acq: 6 May 2024 10:13

Instrument :
MSVOA_L
ClientSampleId :
VL0506ABL01

Tgt Ion: 142 Resp: 3832
Ion Ratio Lower Upper
142 100
141 81.1 67.9 101.9
115 36.7 31.4 47.0

