

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061124\
 Data File : VL041343.D
 Acq On : 11 Jun 2024 12:14
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jun 12 01:22:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060424AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Jun 12 01:18:29 2024
 Response via : Initial Calibration

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

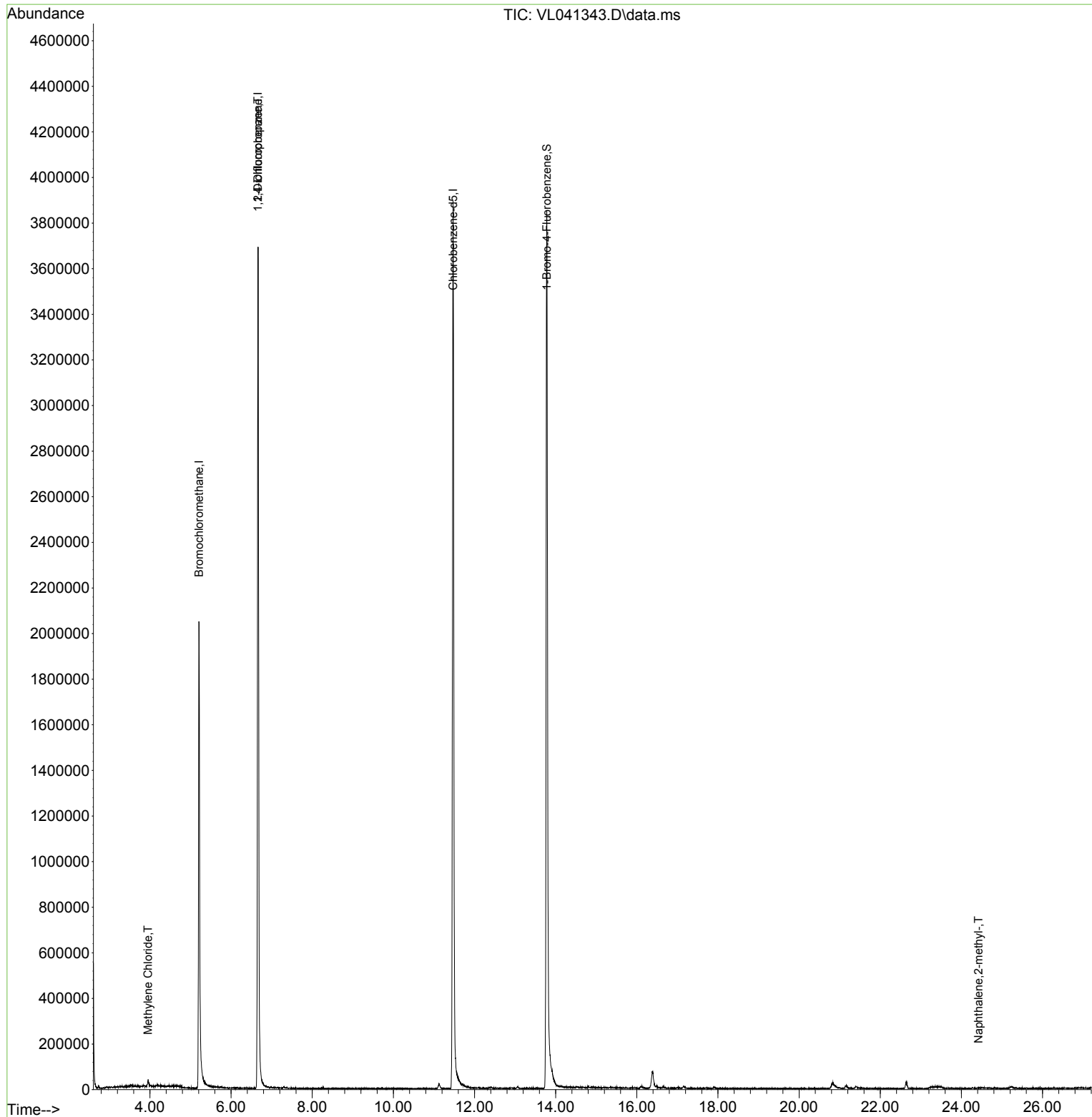
Internal Standards						
1) Bromochloromethane	5.208	49	1083932	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.664	114	2918670	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2641366	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	1974069	9.680	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.800%
Target Compounds						
					Qvalue	
20) Methylene Chloride	3.954	84	4671	0.104	ppbv #	80
39) 1,2-Dichloropropane	6.661	63	711213	7.895	ppbv #	24
80) Naphthalene,2-methyl-	24.426	142	4500	0.049	ppbv #	41

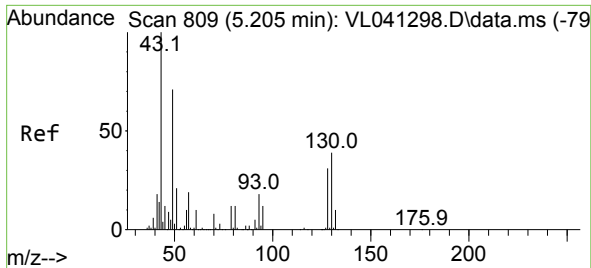
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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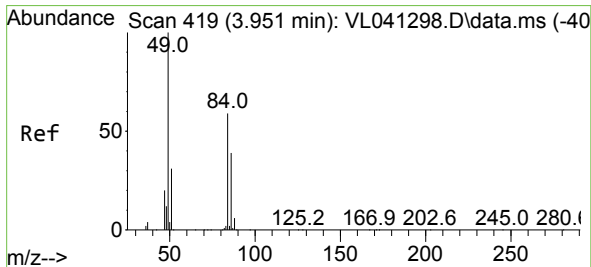
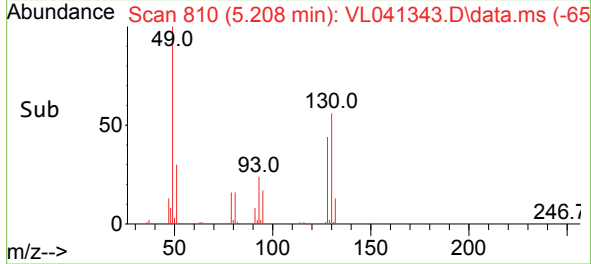
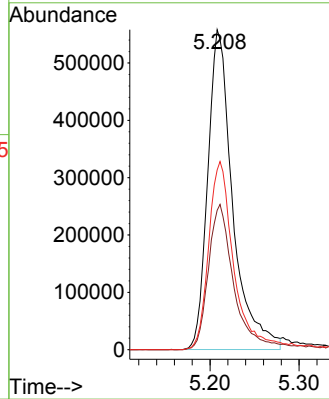
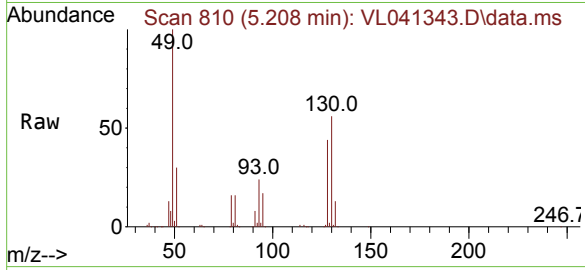




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.208 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL041343.D
Acq: 11 Jun 2024 12:14

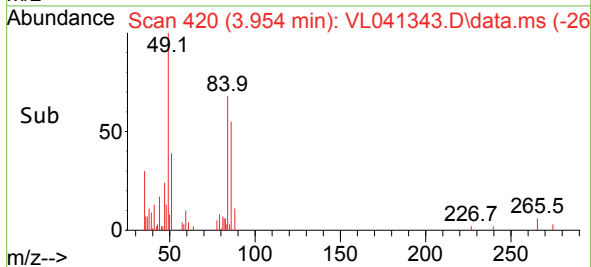
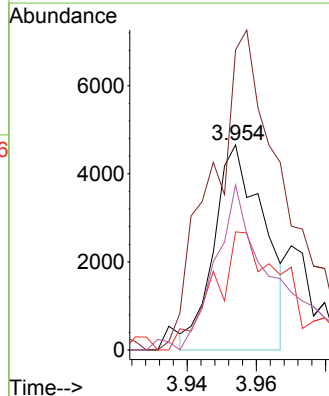
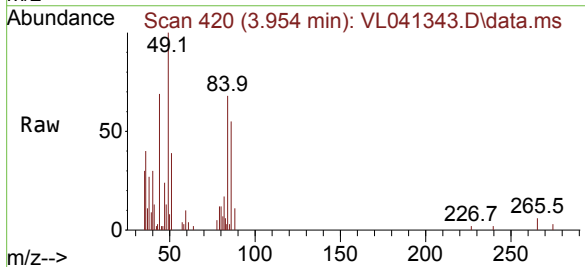
Instrument :
MSVOA_L
ClientSampleId :

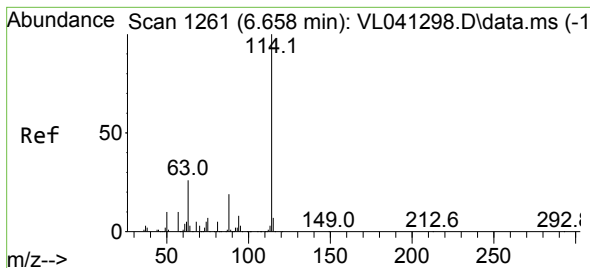
Tgt Ion: 49 Resp: 1083932
Ion Ratio Lower Upper
49 100
128 48.5 22.8 68.3
130 61.6 28.4 85.3



#20
Methylene Chloride
Concen: 0.104 ppbv
RT: 3.954 min Scan# 420
Delta R.T. 0.000 min
Lab File: VL041343.D
Acq: 11 Jun 2024 12:14

Tgt Ion: 84 Resp: 4671
Ion Ratio Lower Upper
84 100
49 139.4 136.2 204.2
51 51.3 41.9 62.9
86 87.3 52.6 78.8#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.664 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL041343.D

Acq: 11 Jun 2024 12:14

Instrument :

MSVOA_L

ClientSampleId :

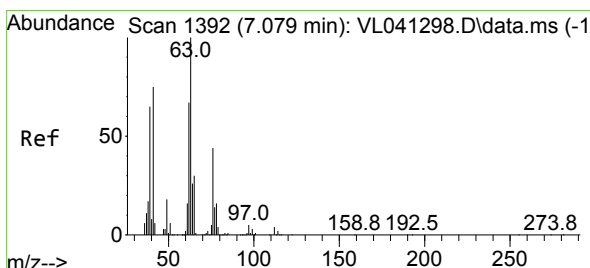
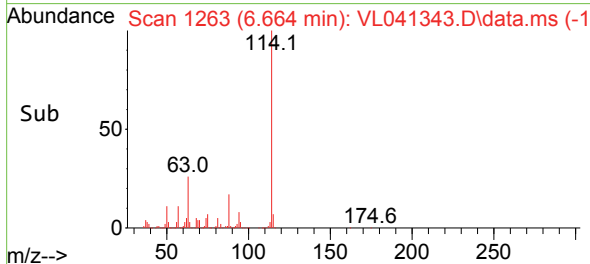
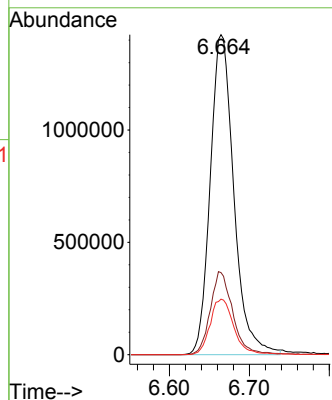
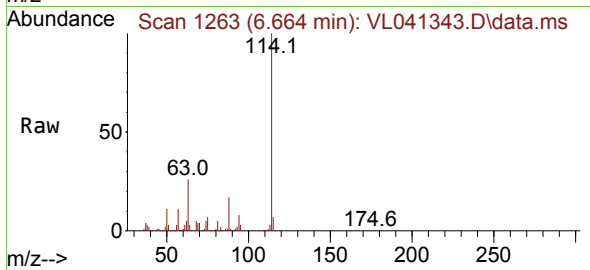
Tgt Ion:114 Resp: 2918670

Ion Ratio Lower Upper

114 100

63 25.0 20.6 30.8

88 17.7 14.5 21.7



#39

1,2-Dichloropropane

Concen: 7.895 ppbv

RT: 6.661 min Scan# 1262

Delta R.T. -0.427 min

Lab File: VL041343.D

Acq: 11 Jun 2024 12:14

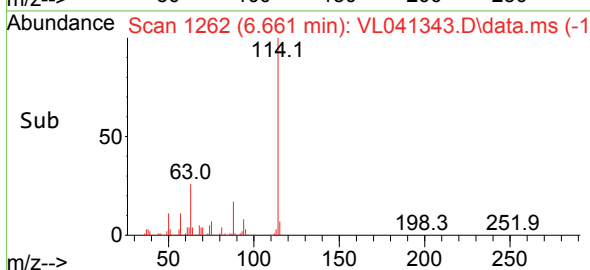
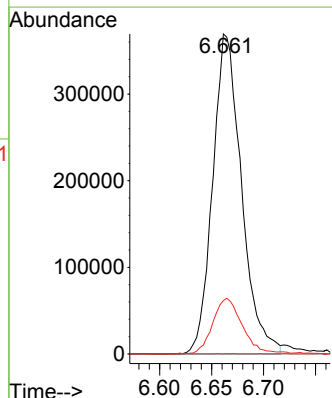
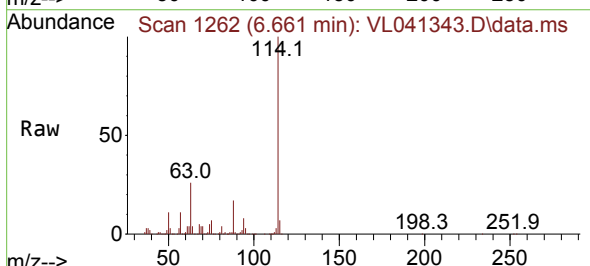
Tgt Ion: 63 Resp: 711213

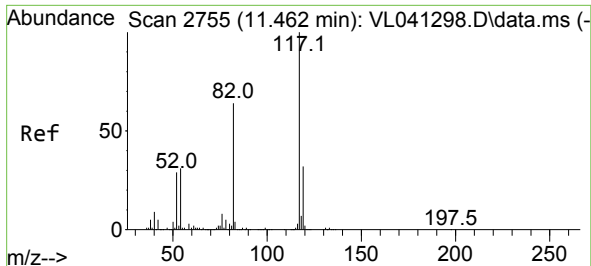
Ion Ratio Lower Upper

63 100

41 0.0 59.9 89.9#

62 16.4 53.8 80.6#

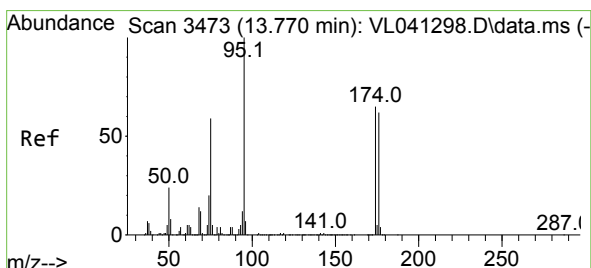
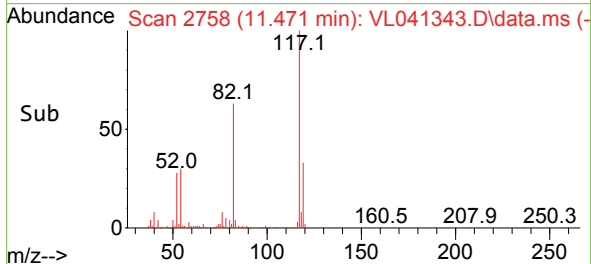
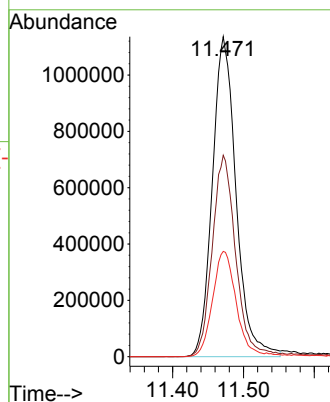
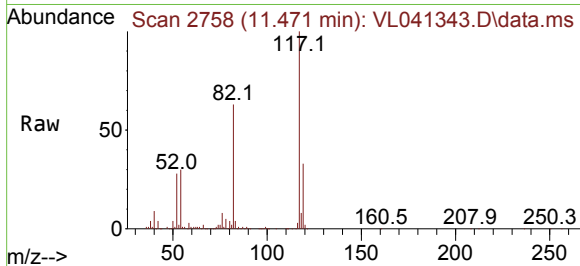




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.471 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041343.D
Acq: 11 Jun 2024 12:14

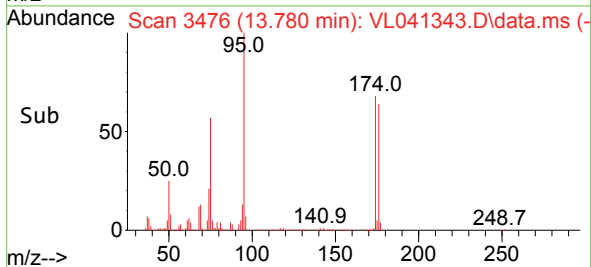
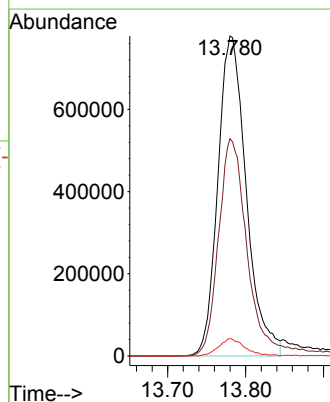
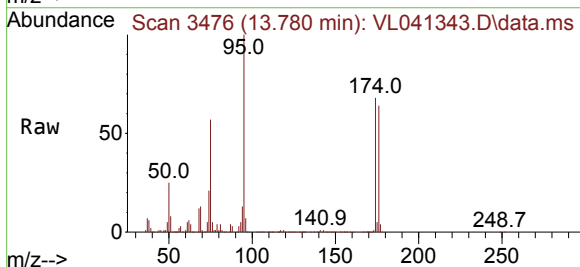
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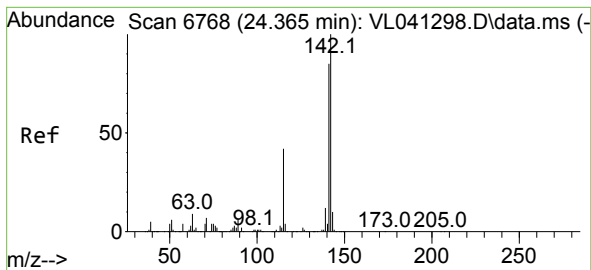
Tgt Ion:117 Resp: 2641366
Ion Ratio Lower Upper
117 100
82 64.0 52.3 78.5
119 33.9 26.2 39.2



#68
1-Bromo-4-Fluorobenzene
Concen: 9.680 ppbv
RT: 13.780 min Scan# 3476
Delta R.T. 0.000 min
Lab File: VL041343.D
Acq: 11 Jun 2024 12:14

Tgt Ion: 95 Resp: 1974069
Ion Ratio Lower Upper
95 100
174 71.2 52.2 78.2
175 5.0 4.1 6.1





#80

Naphthalene, 2-methyl-

Concen: 0.049 ppbv

RT: 24.426 min Scan# 61

Delta R.T. 0.048 min

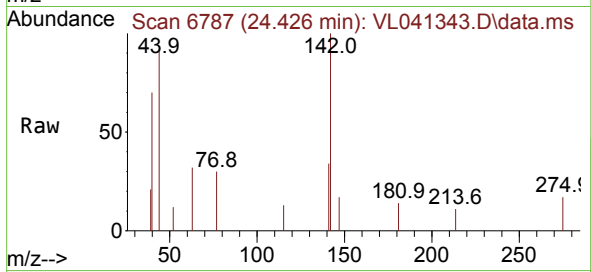
Lab File: VL041343.D

Acq: 11 Jun 2024 12:14

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:142 Resp: 4500

Ion Ratio Lower Upper

142 100

141 34.9 68.5 102.7#

115 0.0 32.6 49.0#

