

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072623\
 Data File : VL040544.D
 Acq On : 26 Jul 2023 15:41
 Operator : SY/MD
 Sample : VL0726ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jul 27 01:51:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Jul 10 16:32:00 2023
 Response via : Initial Calibration

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

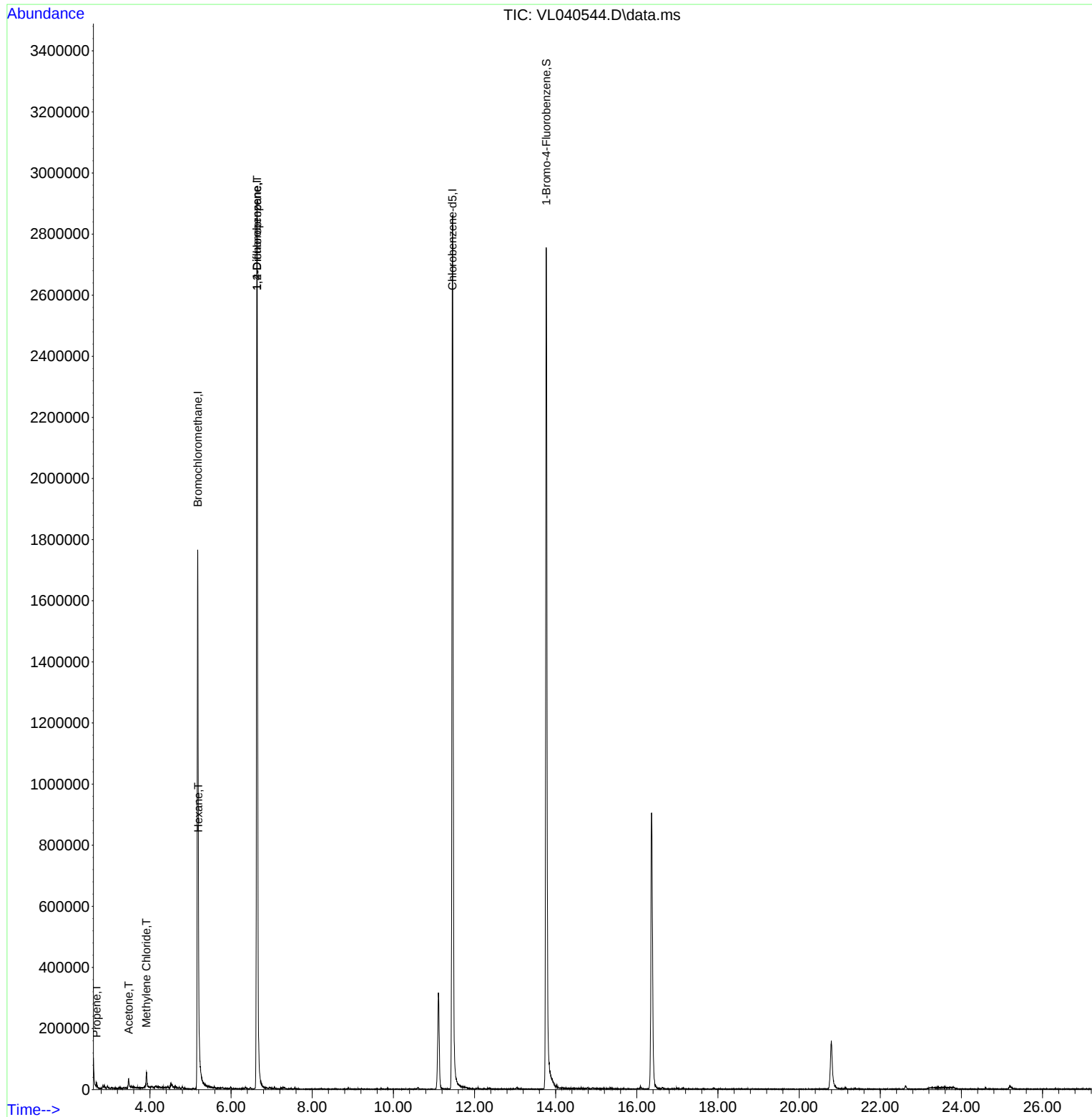
Internal Standards						
1) Bromochloromethane	5.179	49	871530	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.639	114	2081456	10.000	ppbv	-0.03
55) Chlorobenzene-d5	11.458	117	1781143	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	1319896	9.363	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.600%
Target Compounds						
					Qvalue	
9) Propene	2.680	41	4527	0.096	ppbv	86
15) Acetone	3.475	43	31524	0.314	ppbv	93
20) Methylene Chloride	3.915	84	15393	0.361	ppbv #	86
26) Hexane	5.195	57	4797	0.054	ppbv #	50
39) 1,2-Dichloropropane	6.642	63	547380	8.490	ppbv #	26

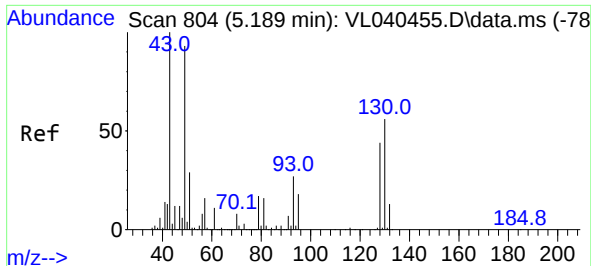
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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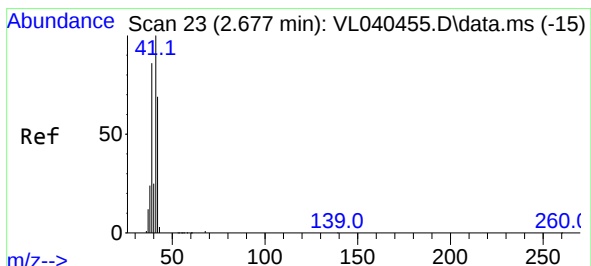
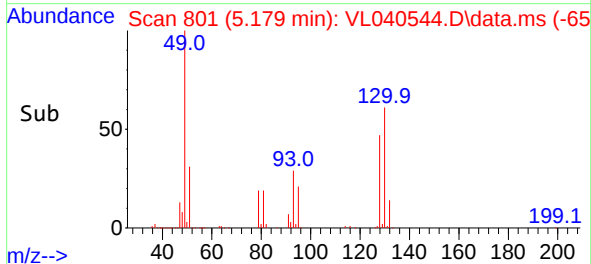
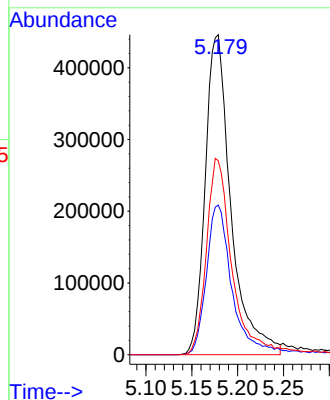
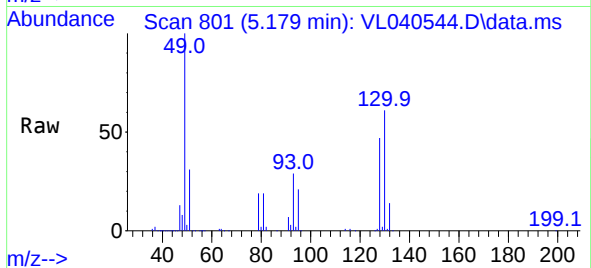




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.179 min Scan# 80
Delta R.T. -0.023 min
Lab File: VL040544.D
Acq: 26 Jul 2023 15:41

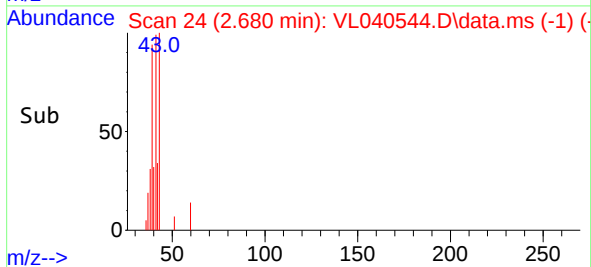
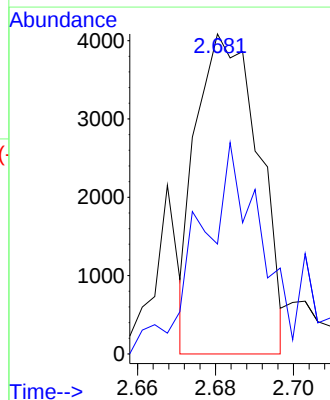
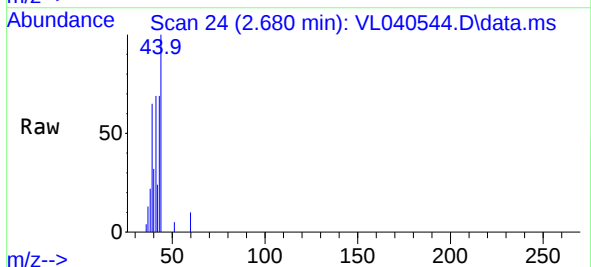
Instrument :
MSVOA_L
ClientSampleId :

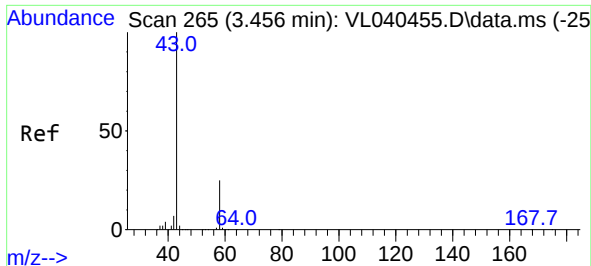
Tgt Ion: 49 Resp: 871530
Ion Ratio Lower Upper
49 100
128 48.4 25.1 75.4
130 62.8 31.6 94.7



#9
Propene
Concen: 0.096 ppbv
RT: 2.680 min Scan# 24
Delta R.T. -0.023 min
Lab File: VL040544.D
Acq: 26 Jul 2023 15:41

Tgt Ion: 41 Resp: 4527
Ion Ratio Lower Upper
41 100
42 80.1 55.0 82.6

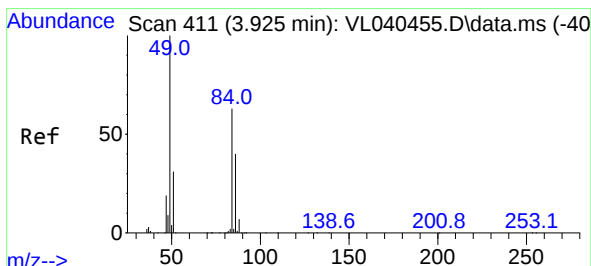
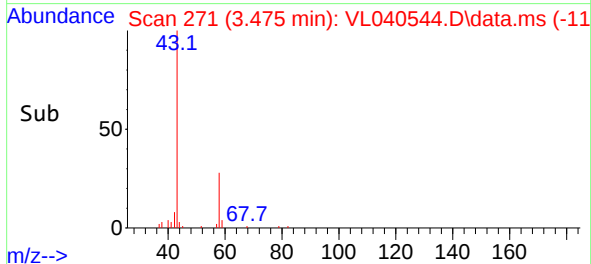
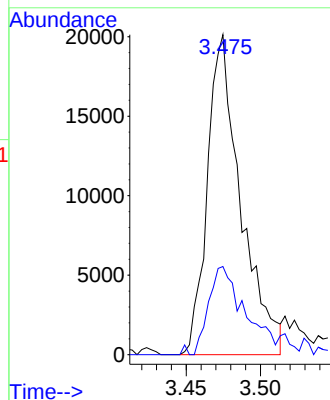
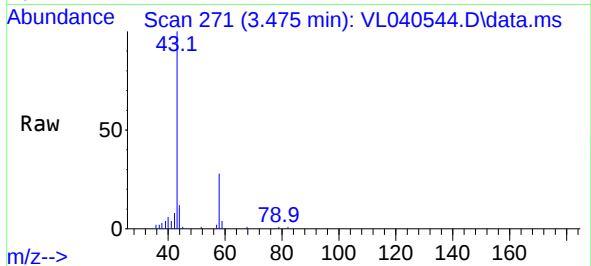




#15
Acetone
Concen: 0.314 ppbv
RT: 3.475 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL040544.D
Acq: 26 Jul 2023 15:41

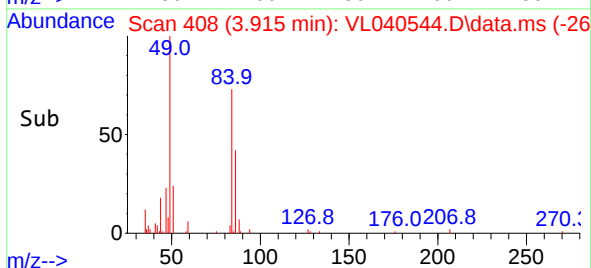
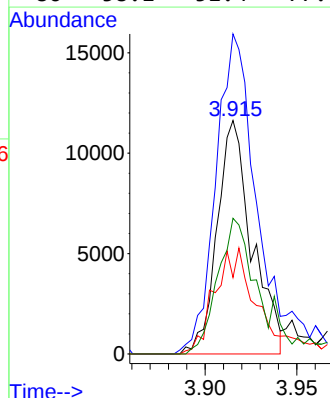
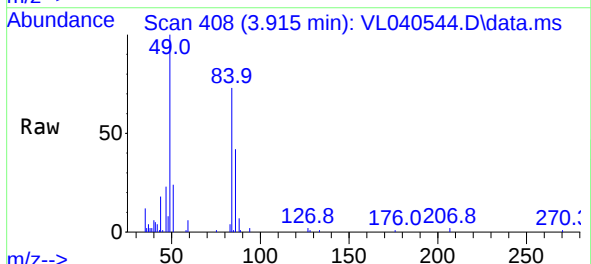
Instrument :
MSVOA_L
ClientSampleId :

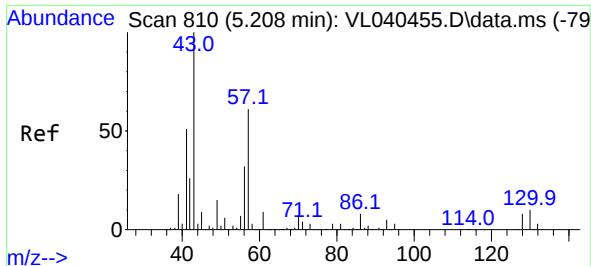
Tgt Ion: 43 Resp: 31524
Ion Ratio Lower Upper
43 100
58 32.1 22.9 34.3



#20
Methylene Chloride
Concen: 0.361 ppbv
RT: 3.915 min Scan# 408
Delta R.T. -0.026 min
Lab File: VL040544.D
Acq: 26 Jul 2023 15:41

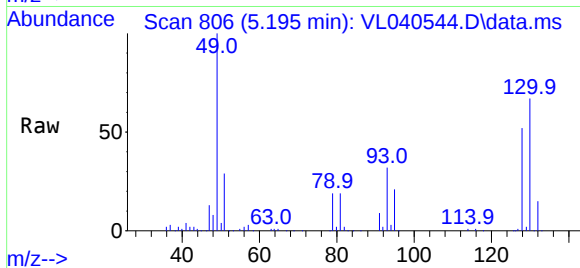
Tgt Ion: 84 Resp: 15393
Ion Ratio Lower Upper
84 100
49 135.4 123.4 185.2
51 32.7 38.3 57.5#
86 58.1 51.4 77.0



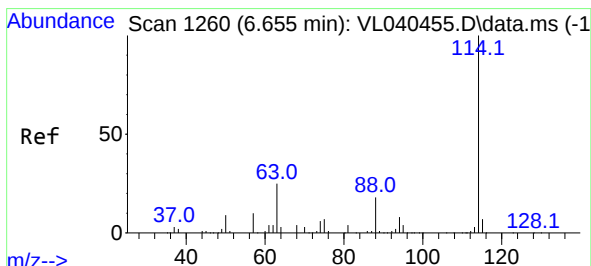
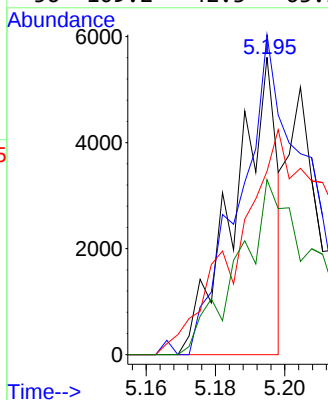
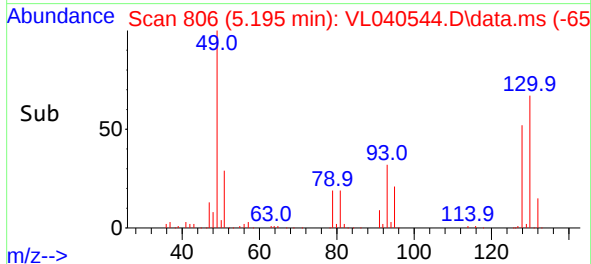


#26
Hexane
Concen: 0.054 ppbv
RT: 5.195 min Scan# 80
Delta R.T. -0.026 min
Lab File: VL040544.D
Acq: 26 Jul 2023 15:41

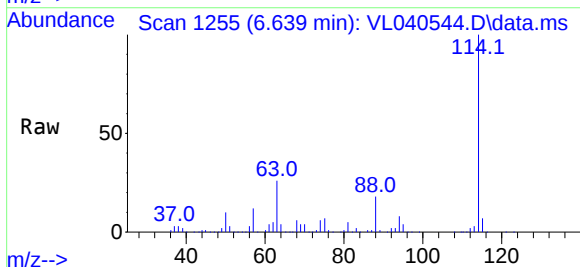
Instrument :
MSVOA_L
ClientSampleId :



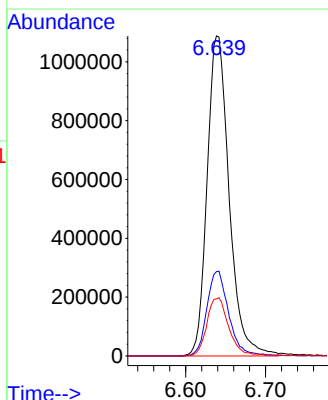
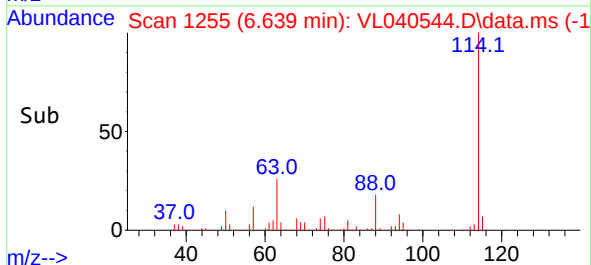
Tgt Ion: 57 Resp: 4797
Ion Ratio Lower Upper
57 100
41 186.4 69.5 104.3#
43 187.8 177.1 265.7
56 109.2 42.3 63.5#

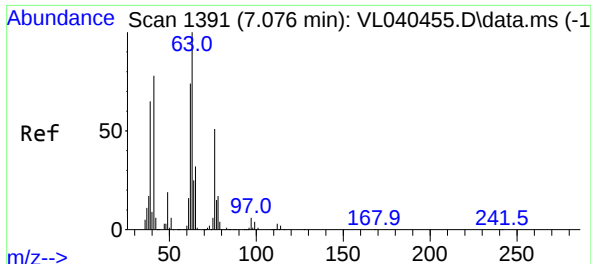


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.639 min Scan# 1255
Delta R.T. -0.026 min
Lab File: VL040544.D
Acq: 26 Jul 2023 15:41



Tgt Ion: 114 Resp: 2081456
Ion Ratio Lower Upper
114 100
63 26.4 19.6 29.4
88 18.4 14.2 21.2





#39

1,2-Dichloropropane

Concen: 8.490 ppbv

RT: 6.642 min Scan# 11

Delta R.T. -0.441 min

Lab File: VL040544.D

Acq: 26 Jul 2023 15:41

Instrument :

MSVOA_L

ClientSampleId :

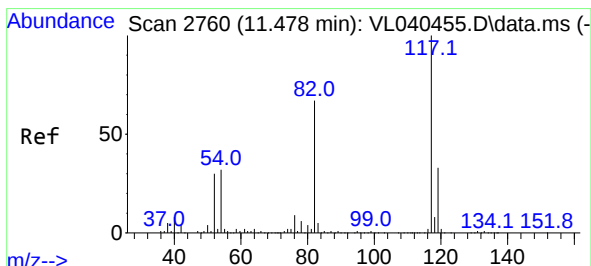
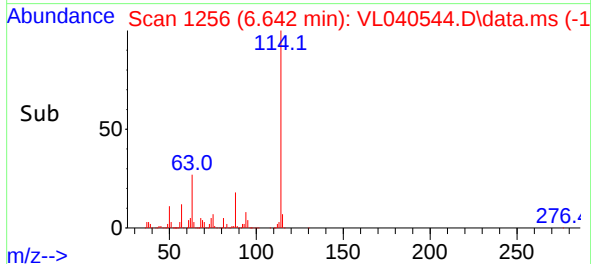
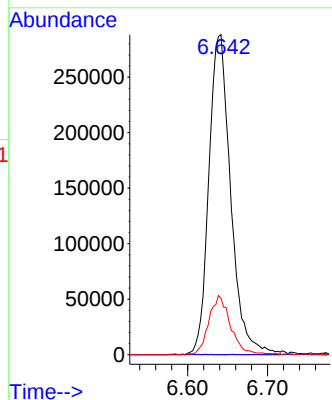
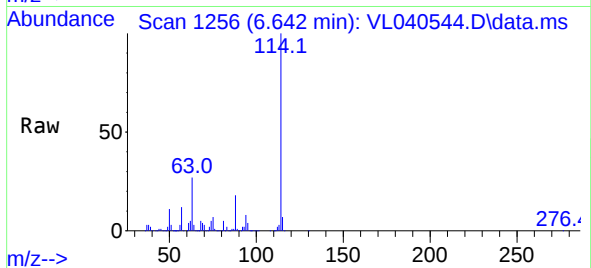
Tgt Ion: 63 Resp: 547380

Ion Ratio Lower Upper

63 100

41 0.0 54.3 81.5#

62 17.6 55.6 83.4#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.458 min Scan# 2754

Delta R.T. -0.019 min

Lab File: VL040544.D

Acq: 26 Jul 2023 15:41

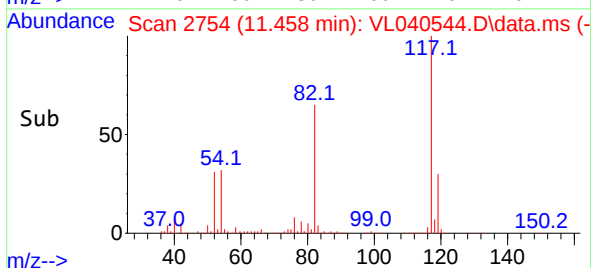
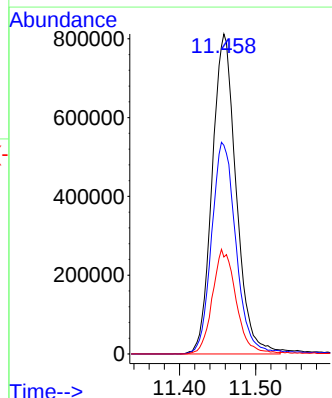
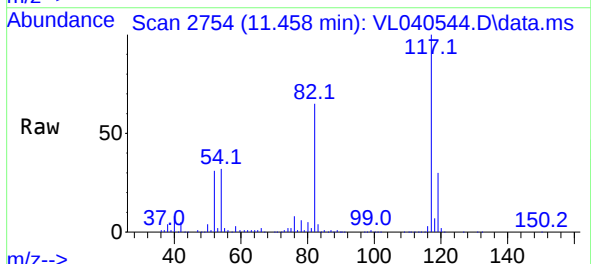
Tgt Ion: 117 Resp: 1781143

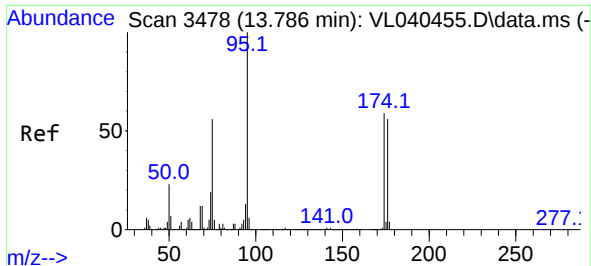
Ion Ratio Lower Upper

117 100

82 67.7 50.2 75.4

119 32.8 26.9 40.3





#68

1-Bromo-4-Fluorobenzene

Concen: 9.363 ppbv

RT: 13.770 min Scan# 34

Delta R.T. -0.013 min

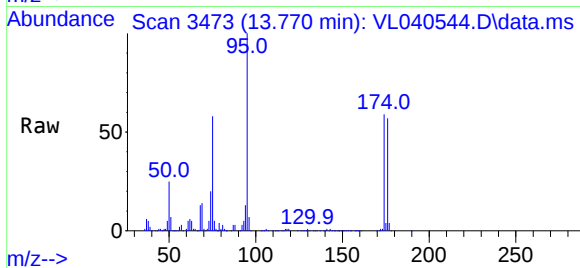
Lab File: VL040544.D

Acq: 26 Jul 2023 15:41

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 95 Resp: 1319896

Ion Ratio Lower Upper

95 100

174 61.9 50.6 75.8

175 4.3 3.7 5.5

