

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111423\
 Data File : VL040845.D
 Acq On : 14 Nov 2023 10:49
 Operator : SY/MD
 Sample : VL1114ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1114ABL01

Quant Time: Nov 22 00:43:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Nov 20 03:50:24 2023
 Response via : Initial Calibration

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

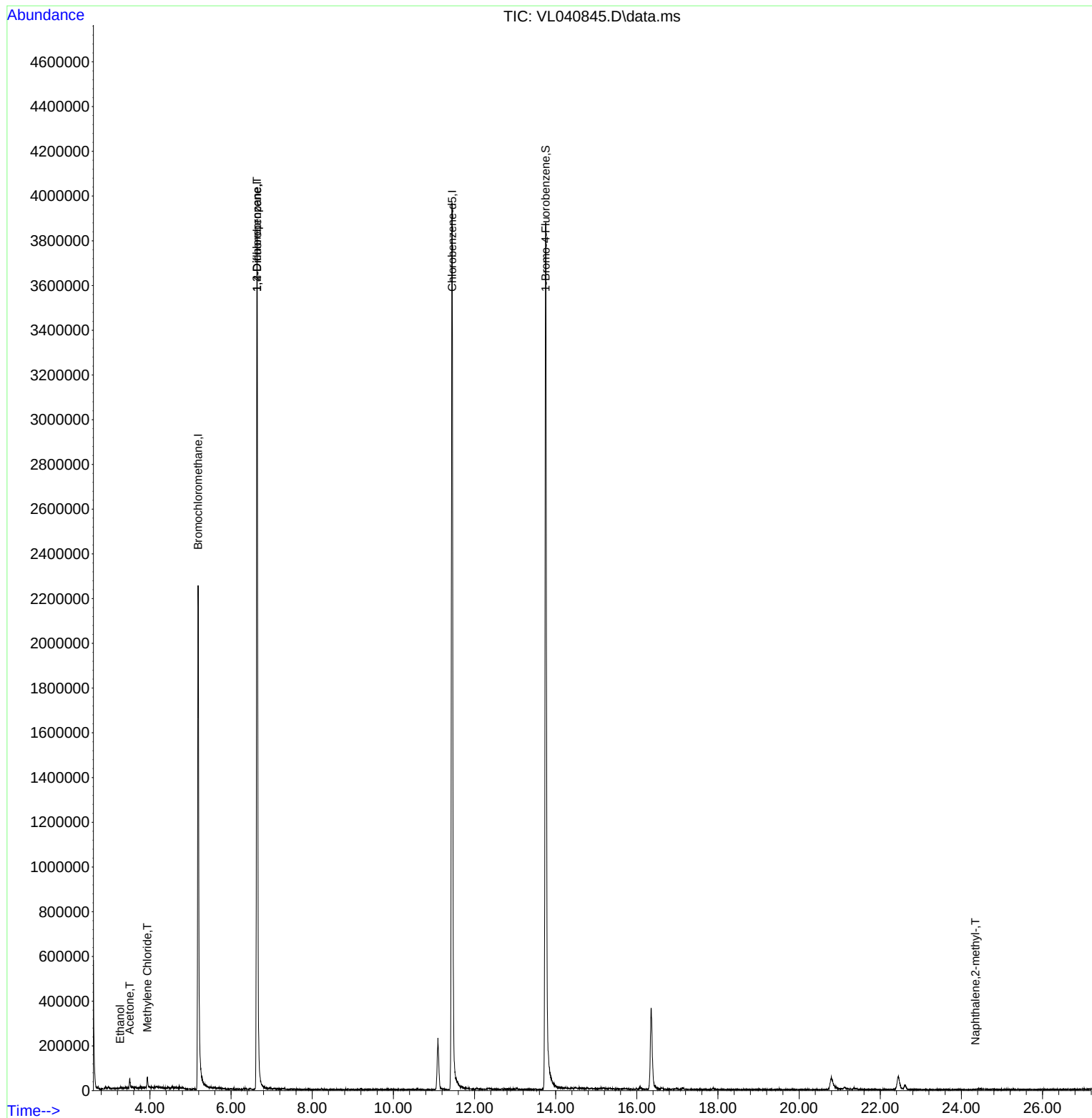
Internal Standards							
1) Bromochloromethane		5.185	49	1187493	10.000	ppbv	-0.03
33) 1,4-Difluorobenzene		6.642	114	3004350	10.000	ppbv	-0.02
55) Chlorobenzene-d5		11.446	117	2663799	10.000	ppbv	-0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene		13.754	95	2102152	10.080	ppbv	-0.02
Spiked Amount		10.000	Range	65 - 135	Recovery	= 100.800%	
Target Compounds							
							Qvalue
13) Ethanol		3.266	45	530	0.043	ppbv	# 100
15) Acetone		3.501	43	36338	0.287	ppbv	# 77
20) Methylene Chloride		3.938	84	13928	0.267	ppbv	# 83
39) 1,2-Dichloropropane		6.639	63	743479	7.690	ppbv	# 23
80) Naphthalene,2-methyl-		24.345	142	1457	0.053	ppbv	# 1

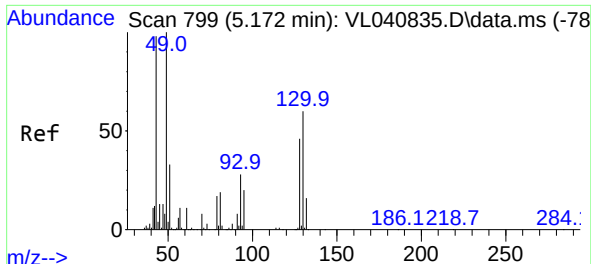
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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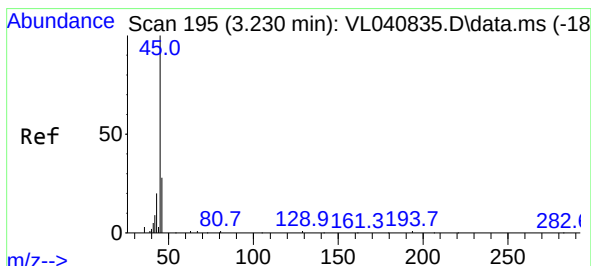
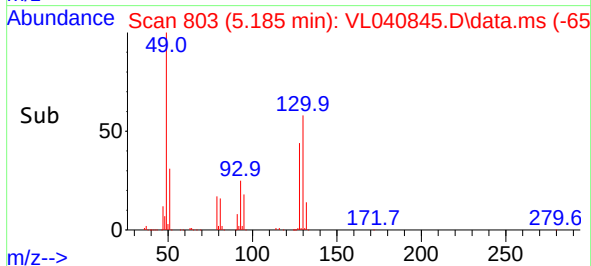
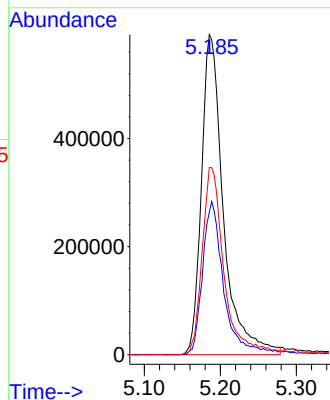
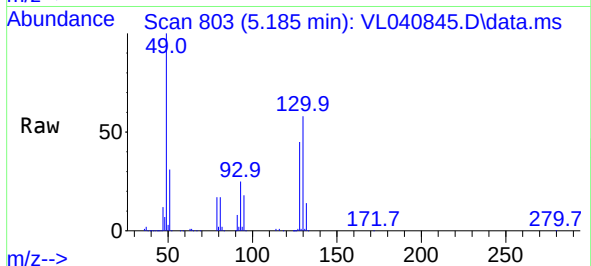




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 80
Delta R.T. -0.026 min
Lab File: VL040845.D
Acq: 14 Nov 2023 10:49

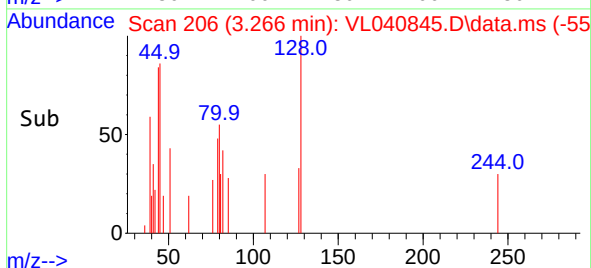
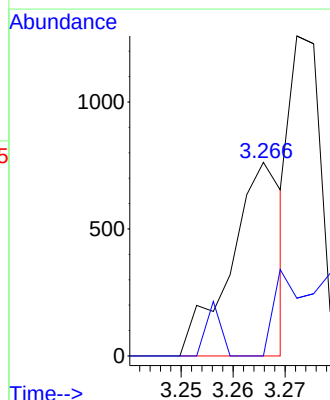
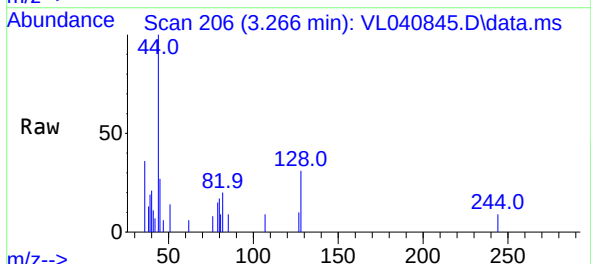
Instrument :
MSVOA_L
ClientSampleId :
VL1114ABL01

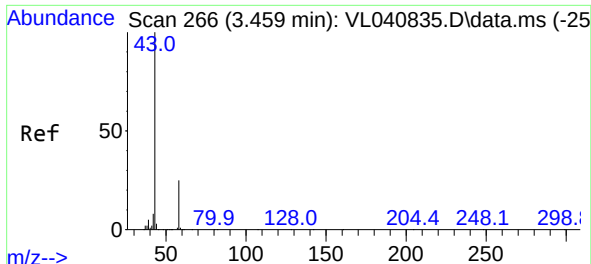
Tgt Ion: 49 Resp: 1187493
Ion Ratio Lower Upper
49 100
128 47.1 23.8 71.2
130 58.5 30.9 92.8



#13
Ethanol
Concen: 0.043 ppbv
RT: 3.266 min Scan# 206
Delta R.T. -0.013 min
Lab File: VL040845.D
Acq: 14 Nov 2023 10:49

Tgt Ion: 45 Resp: 530
Ion Ratio Lower Upper
45 100
46 0.0 0.0 0.0

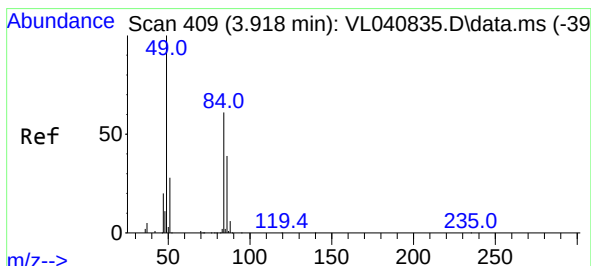
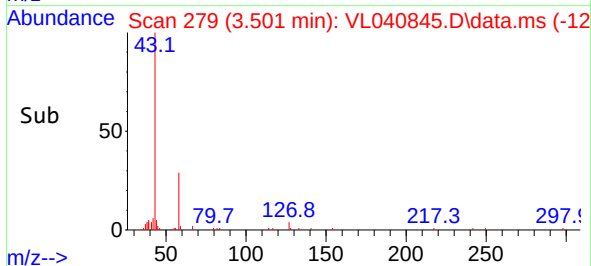
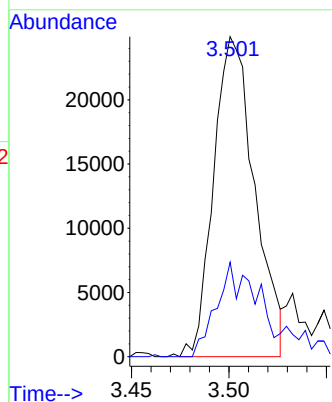
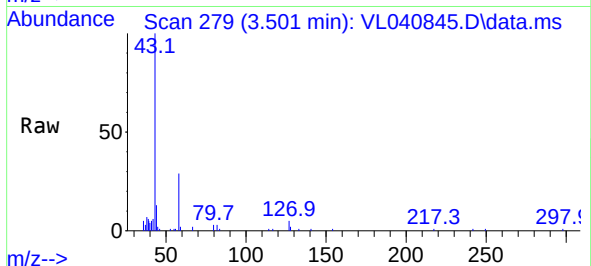




#15
Acetone
Concen: 0.287 ppbv
RT: 3.501 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL040845.D
Acq: 14 Nov 2023 10:49

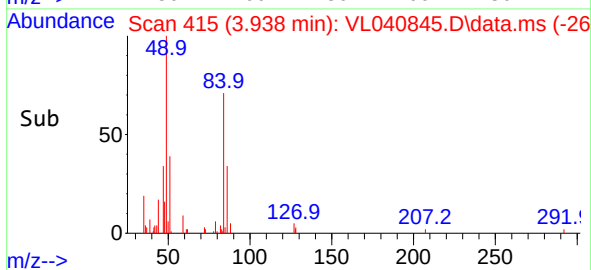
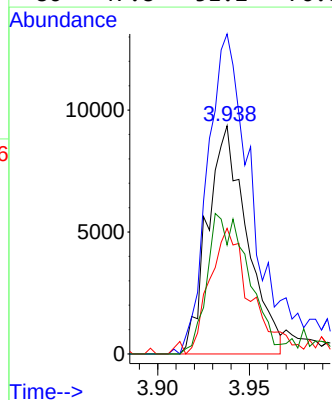
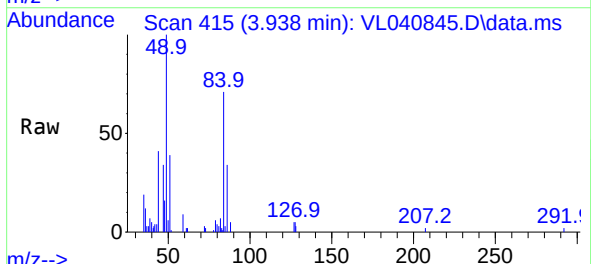
Instrument :
MSVOA_L
ClientSampleId :
VL1114ABL01

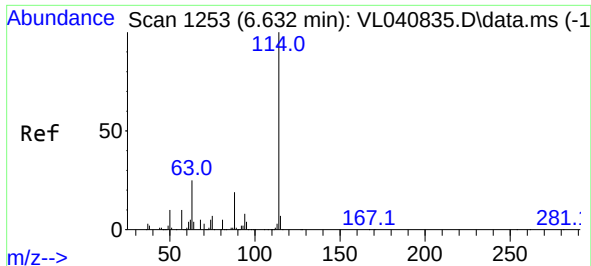
Tgt Ion: 43 Resp: 36338
Ion Ratio Lower Upper
43 100
58 37.8 20.9 31.3#



#20
Methylene Chloride
Concen: 0.267 ppbv
RT: 3.938 min Scan# 415
Delta R.T. -0.026 min
Lab File: VL040845.D
Acq: 14 Nov 2023 10:49

Tgt Ion: 84 Resp: 13928
Ion Ratio Lower Upper
84 100
49 140.2 131.0 196.4
51 51.4 36.9 55.3
86 47.8 51.2 76.8#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.642 min Scan# 11

Delta R.T. -0.023 min

Lab File: VL040845.D

Acq: 14 Nov 2023 10:49

Instrument :

MSVOA_1

ClientSampleId :

VL1114ABL01

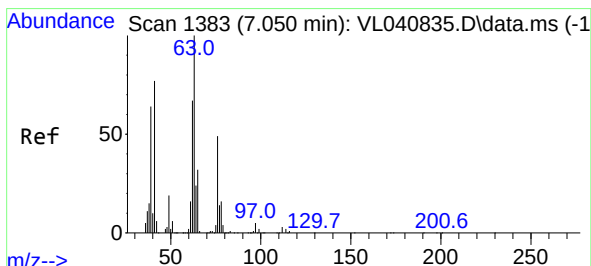
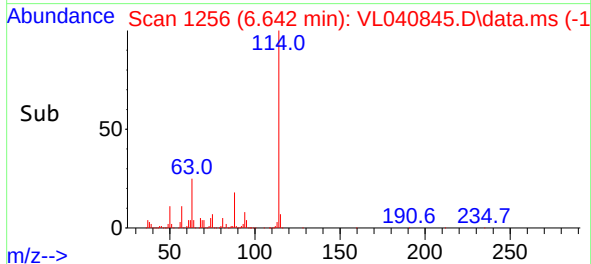
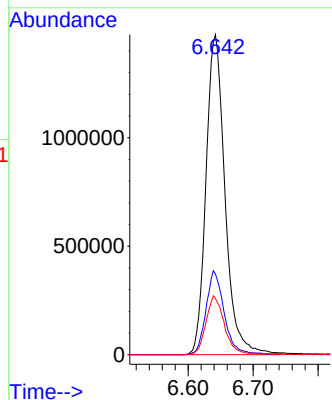
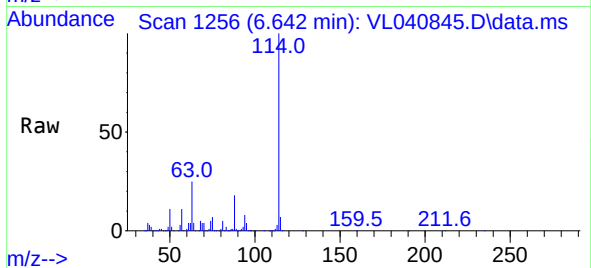
Tgt Ion:114 Resp: 3004350

Ion Ratio Lower Upper

114 100

63 25.3 20.9 31.3

88 18.1 14.3 21.5



#39

1,2-Dichloropropane

Concen: 7.690 ppbv

RT: 6.639 min Scan# 1255

Delta R.T. -0.444 min

Lab File: VL040845.D

Acq: 14 Nov 2023 10:49

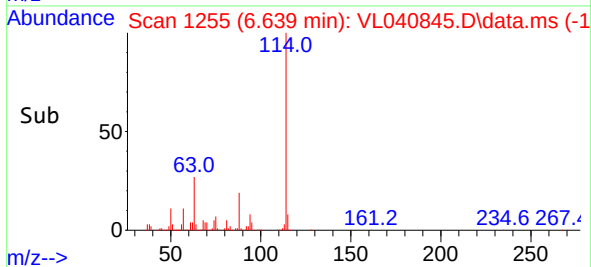
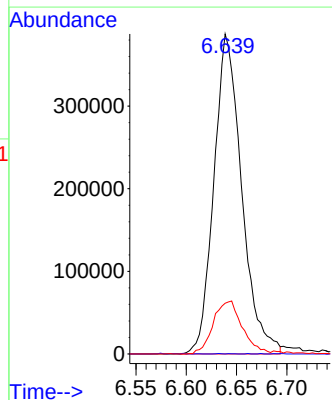
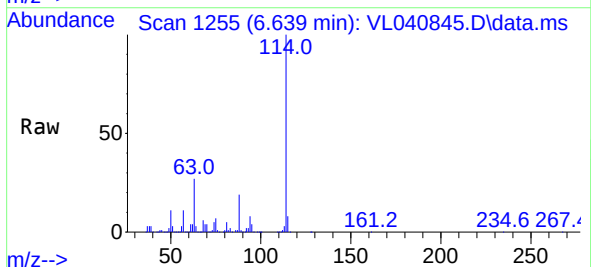
Tgt Ion: 63 Resp: 743479

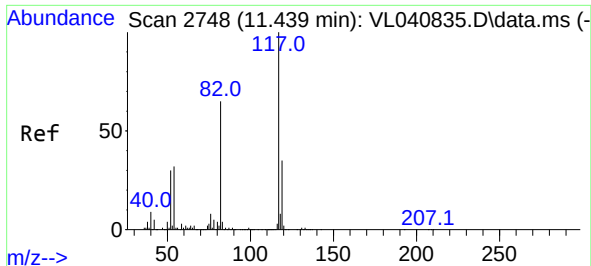
Ion Ratio Lower Upper

63 100

41 0.0 61.5 92.3#

62 15.9 53.9 80.9#

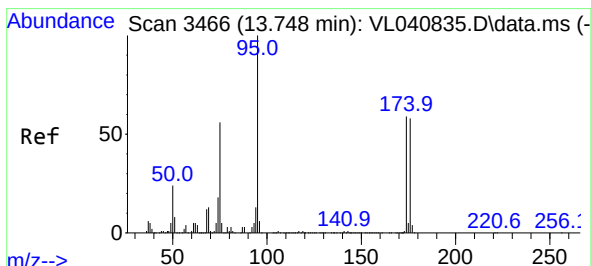
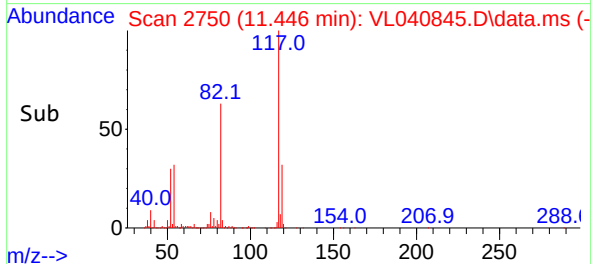
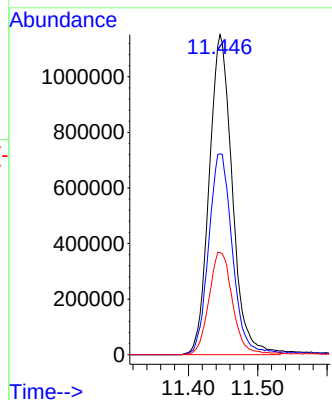
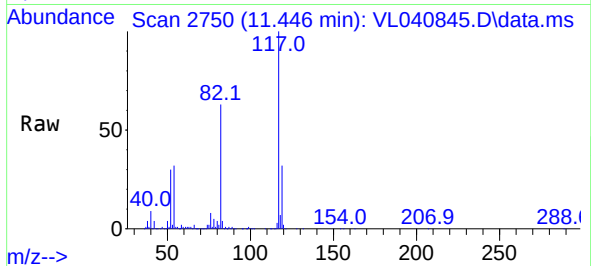




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.446 min Scan# 211
Delta R.T. -0.016 min
Lab File: VL040845.D
Acq: 14 Nov 2023 10:49

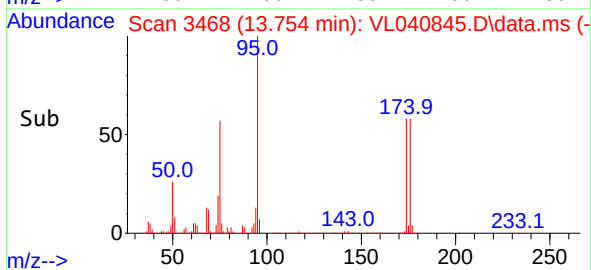
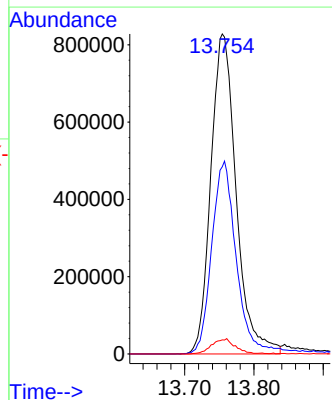
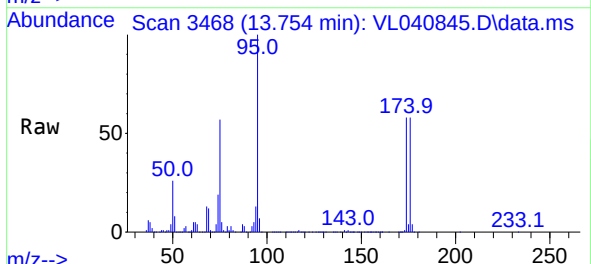
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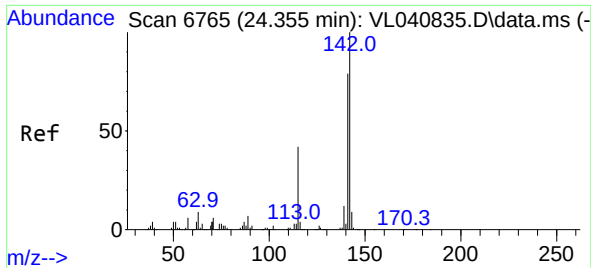
Tgt Ion:117 Resp: 2663799
Ion Ratio Lower Upper
117 100
82 66.2 50.6 75.8
119 32.9 23.3 34.9



#68
1-Bromo-4-Fluorobenzene
Concen: 10.080 ppbv
RT: 13.754 min Scan# 3468
Delta R.T. -0.016 min
Lab File: VL040845.D
Acq: 14 Nov 2023 10:49

Tgt Ion: 95 Resp: 2102152
Ion Ratio Lower Upper
95 100
174 60.0 47.5 71.3
175 4.5 3.6 5.4





#80
Naphthalene, 2-methyl-
Concen: 0.053 ppbv
RT: 24.345 min Scan# 61
Delta R.T. -0.029 min
Lab File: VL040845.D
Acq: 14 Nov 2023 10:49

Instrument :
MSVOA_L
ClientSampleId :
VL1114ABL01

Tgt Ion:142 Resp: 1457
Ion Ratio Lower Upper
142 100
141 274.5 65.8 98.8#
115 104.9 35.6 53.4#

