

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102523\
 Data File : VL040795.D
 Acq On : 25 Oct 2023 10:37
 Operator : SY/MD
 Sample : VL1025ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1025ABL01

Quant Time: Oct 26 03:50:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Oct 12 00:21:08 2023
 Response via : Initial Calibration

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

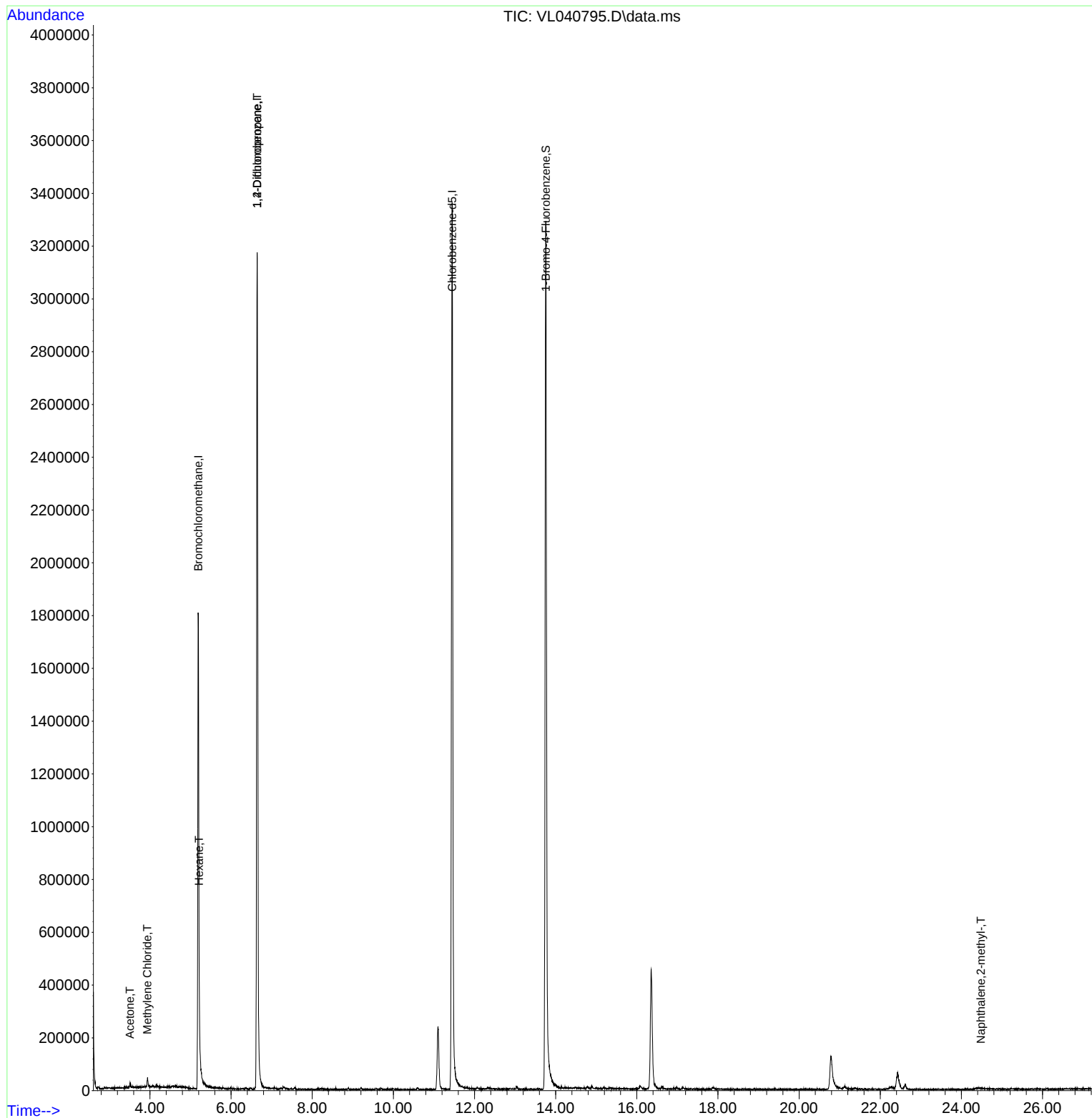
Internal Standards						
1) Bromochloromethane	5.192	49	942884	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.642	114	2549677	10.000	ppbv	-0.03
55) Chlorobenzene-d5	11.449	117	2317509	10.000	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.757	95	1799834	10.554	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.500%
Target Compounds						
					Qvalue	
15) Acetone	3.507	43	9417	0.097	ppbv #	63
20) Methylene Chloride	3.938	84	5995	0.148	ppbv #	79
26) Hexane	5.211	57	4052	0.042	ppbv #	69
39) 1,2-Dichloropropane	6.642	63	614874	8.025	ppbv #	26
80) Naphthalene,2-methyl-	24.480	142	3326	0.057	ppbv	89

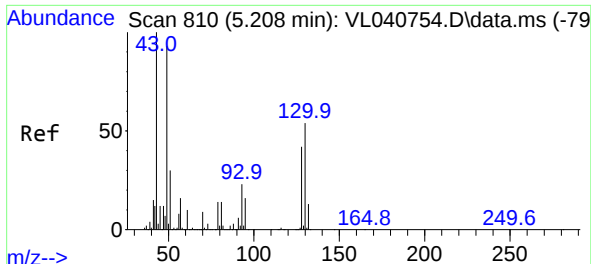
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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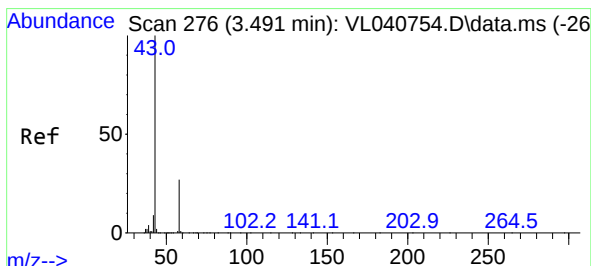
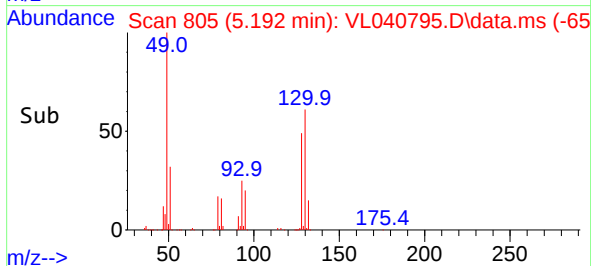
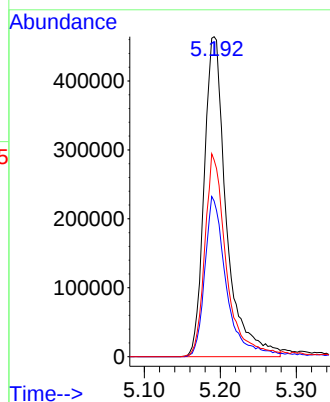
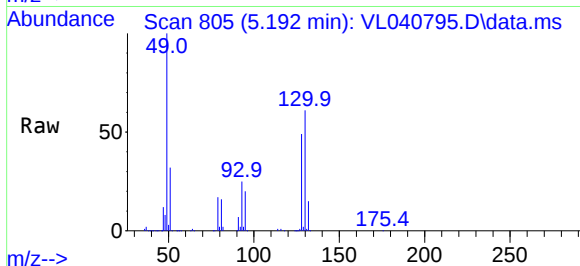




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 80
Delta R.T. -0.016 min
Lab File: VL040795.D
Acq: 25 Oct 2023 10:37

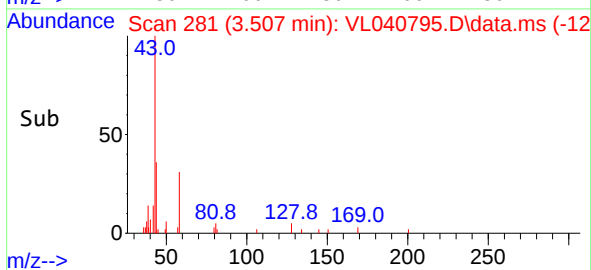
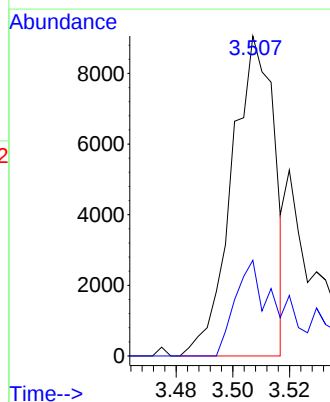
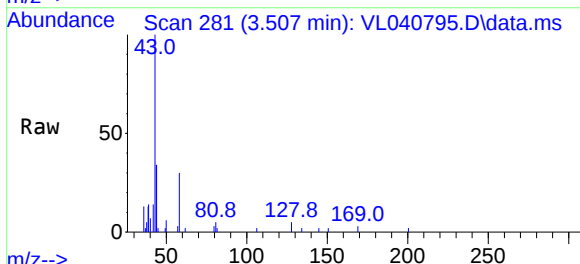
Instrument :
MSVOA_L
ClientSampleId :
VL1025ABL01

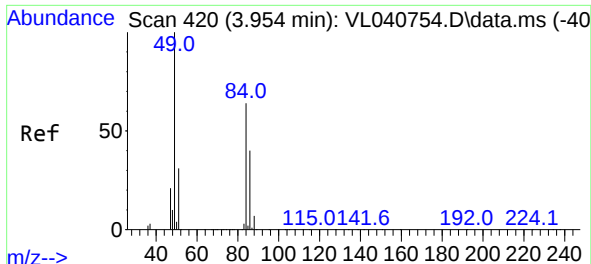
Tgt Ion: 49 Resp: 942884
Ion Ratio Lower Upper
49 100
128 49.9 23.9 71.7
130 63.7 30.7 92.1



#15
Acetone
Concen: 0.097 ppbv
RT: 3.507 min Scan# 281
Delta R.T. 0.016 min
Lab File: VL040795.D
Acq: 25 Oct 2023 10:37

Tgt Ion: 43 Resp: 9417
Ion Ratio Lower Upper
43 100
58 46.0 21.6 32.4#



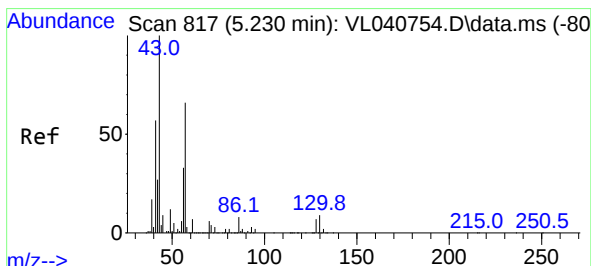
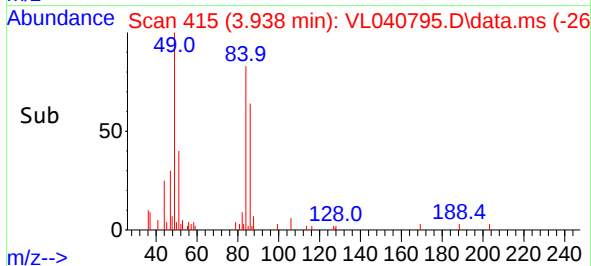
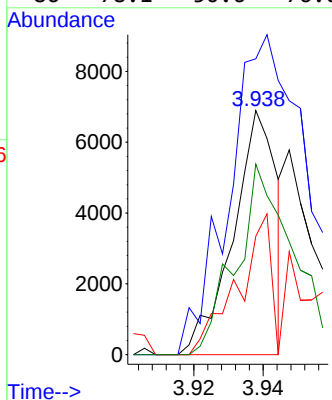
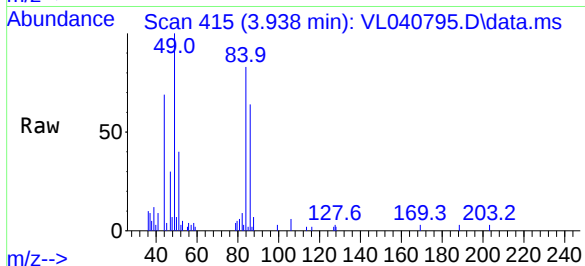


#20
Methylene Chloride
Concen: 0.148 ppbv
RT: 3.938 min Scan# 415
Delta R.T. -0.016 min
Lab File: VL040795.D
Acq: 25 Oct 2023 10:37

Instrument :
MSVOA_L
ClientSampleId :
VL1025ABL01

Tgt Ion: 84 Resp: 5995

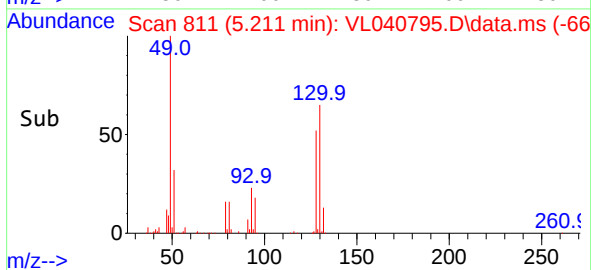
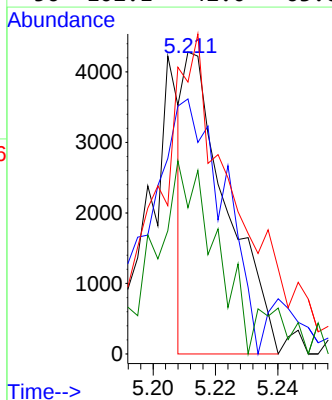
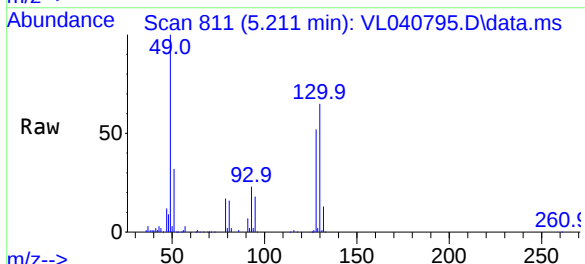
Ion	Ratio	Lower	Upper
84	100		
49	121.2	125.6	188.4#
51	48.5	38.9	58.3
86	78.1	50.6	76.0#

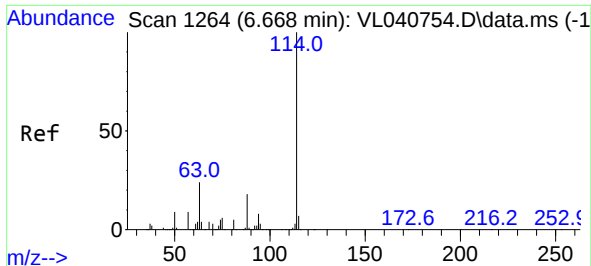


#26
Hexane
Concen: 0.042 ppbv
RT: 5.211 min Scan# 811
Delta R.T. -0.019 min
Lab File: VL040795.D
Acq: 25 Oct 2023 10:37

Tgt Ion: 57 Resp: 4052

Ion	Ratio	Lower	Upper
57	100		
41	169.8	71.4	107.2#
43	226.5	182.3	273.5
56	102.1	42.0	63.0#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.642 min Scan# 1256

Delta R.T. -0.026 min

Lab File: VL040795.D

Acq: 25 Oct 2023 10:37

Instrument :

MSVOA_L

ClientSampleId :

VL1025ABL01

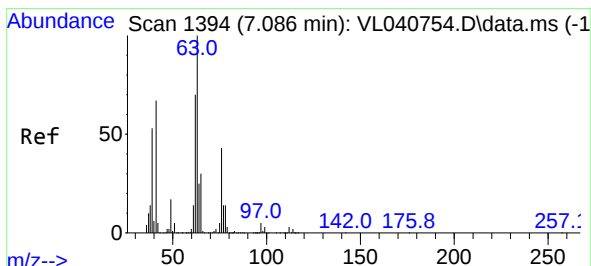
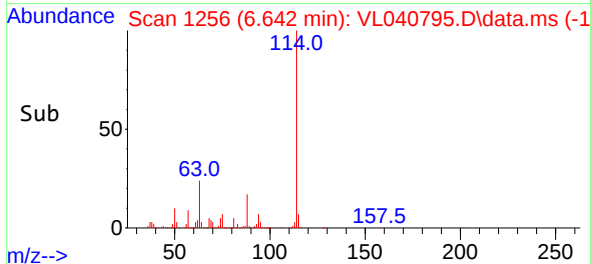
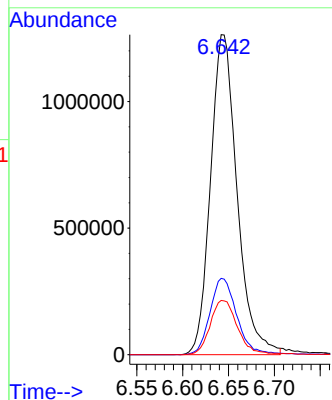
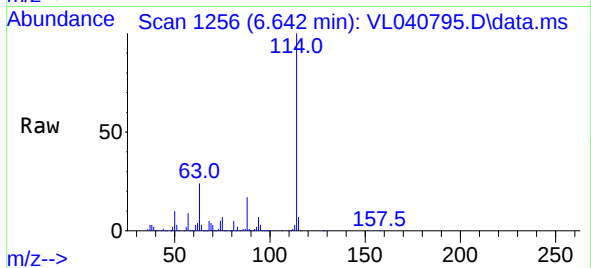
Tgt Ion:114 Resp: 2549677

Ion Ratio Lower Upper

114 100

63 24.5 19.8 29.6

88 17.7 14.2 21.2



#39

1,2-Dichloropropane

Concen: 8.025 ppbv

RT: 6.642 min Scan# 1256

Delta R.T. -0.444 min

Lab File: VL040795.D

Acq: 25 Oct 2023 10:37

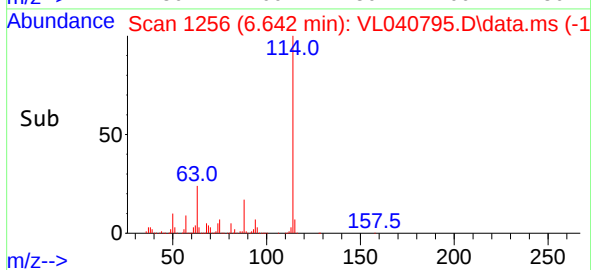
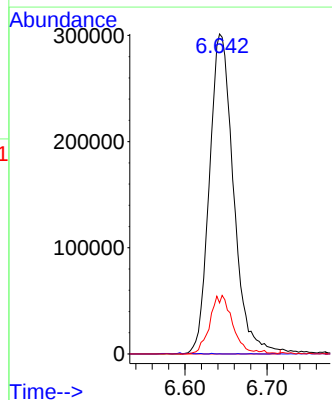
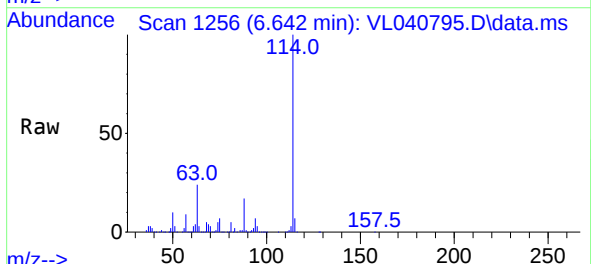
Tgt Ion: 63 Resp: 614874

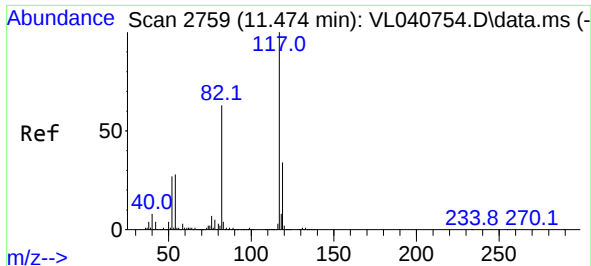
Ion Ratio Lower Upper

63 100

41 0.0 53.7 80.5#

62 15.9 55.7 83.5#

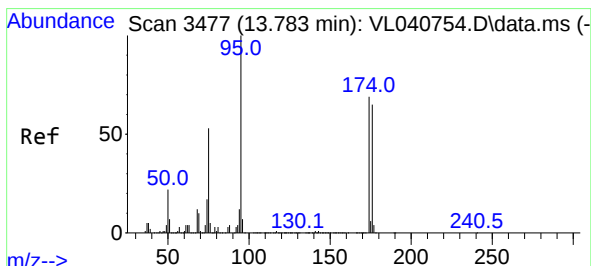
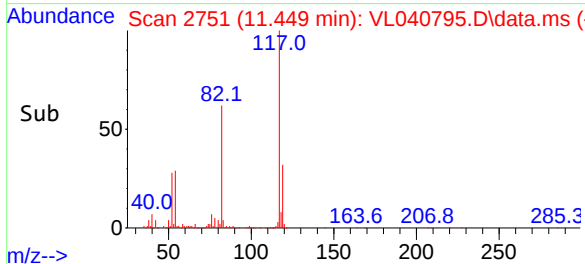
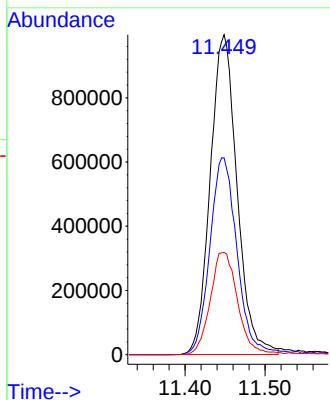
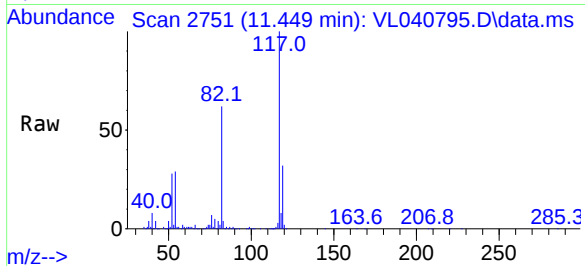




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.449 min Scan# 21
Delta R.T. -0.026 min
Lab File: VL040795.D
Acq: 25 Oct 2023 10:37

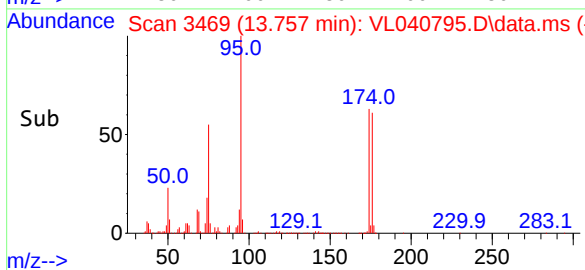
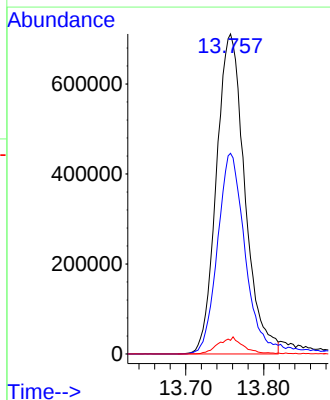
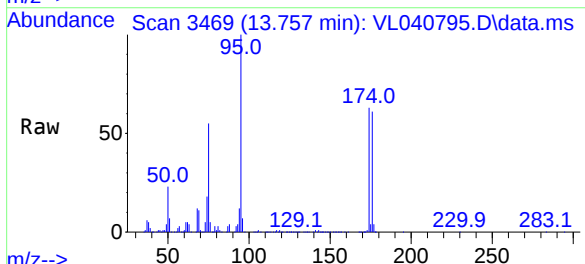
Instrument :
MSVOA_1
ClientSampleId :
VL1025ABL01

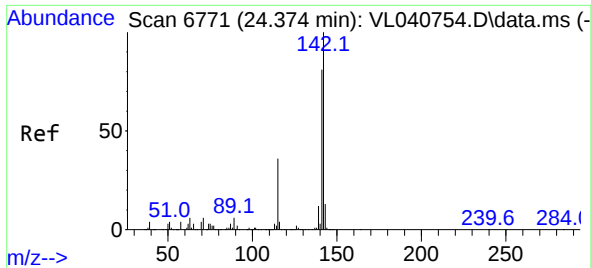
Tgt Ion:117 Resp: 2317509
Ion Ratio Lower Upper
117 100
82 63.9 46.6 70.0
119 33.6 26.0 39.0



#68
1-Bromo-4-Fluorobenzene
Concen: 10.554 ppbv
RT: 13.757 min Scan# 3469
Delta R.T. -0.026 min
Lab File: VL040795.D
Acq: 25 Oct 2023 10:37

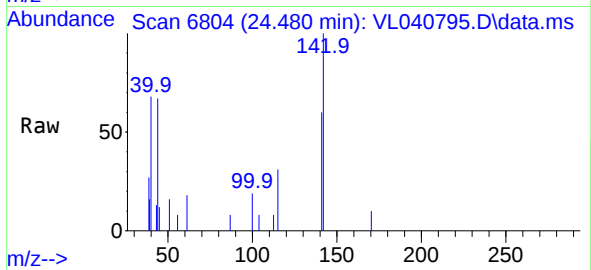
Tgt Ion: 95 Resp: 1799834
Ion Ratio Lower Upper
95 100
174 63.5 54.7 82.1
175 4.7 4.2 6.4





#80
 Naphthalene, 2-methyl-
 Concen: 0.057 ppbv
 RT: 24.480 min Scan# 61
 Delta R.T. 0.106 min
 Lab File: VL040795.D
 Acq: 25 Oct 2023 10:37

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1025ABL01



Tgt Ion:	142	Resp:	3326
Ion	Ratio	Lower	Upper
142	100		
141	93.7	66.3	99.5
115	43.4	30.0	45.0

