

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062624\
 Data File : VL041365.D
 Acq On : 26 Jun 2024 19:10
 Operator : SY/MD
 Sample : QC061924 CAN 10326
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jun 27 09:19:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL062624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Jun 27 09:18:04 2024
 Response via : Initial Calibration

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

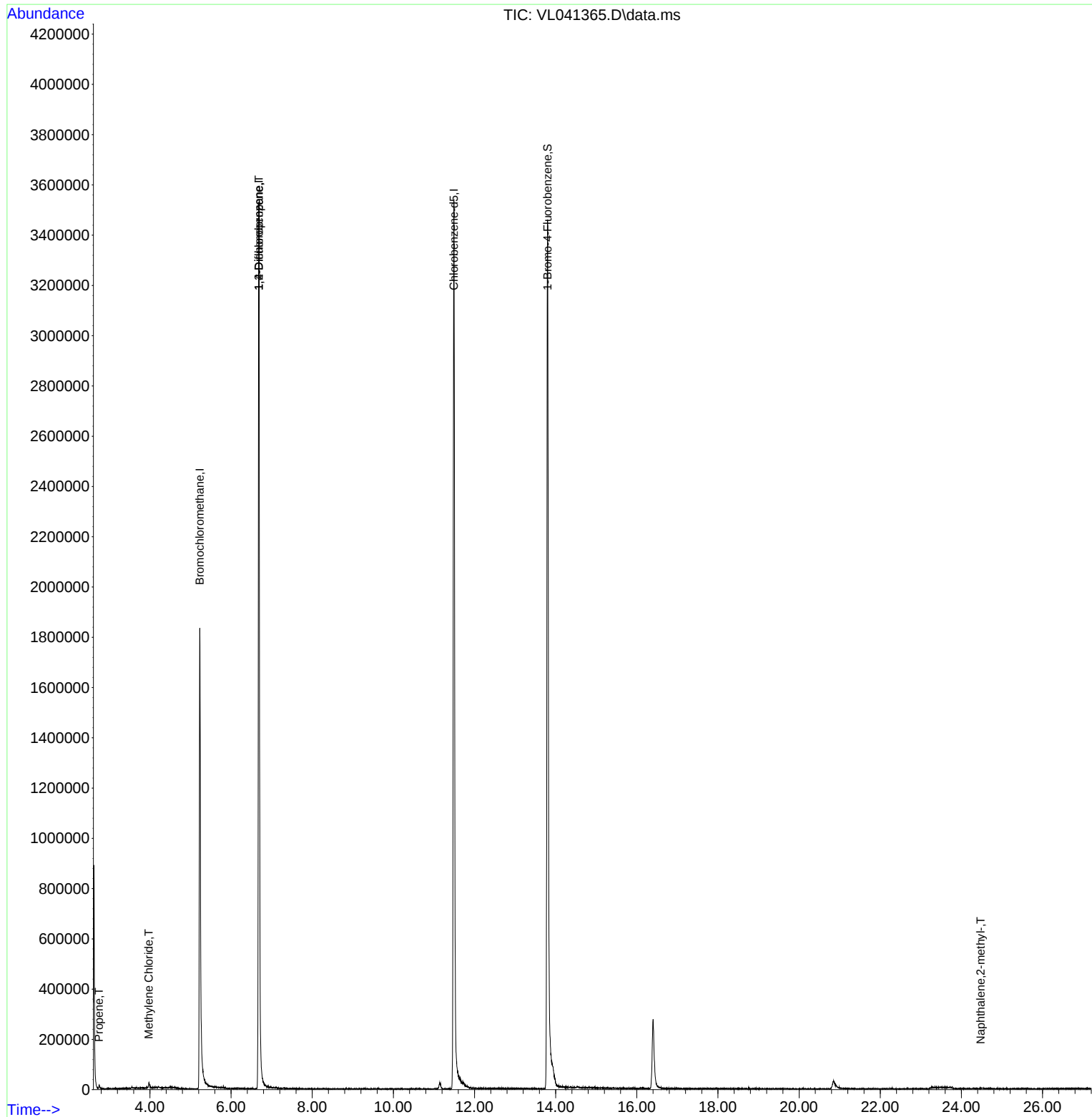
Internal Standards						
1) Bromochloromethane	5.227	49	1012287	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	6.684	114	2744440	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.491	117	2360219	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.799	95	1789586	10.116	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.200%
Target Compounds						
					Qvalue	
9) Propene	2.745	41	2135	0.035	ppbv #	15
20) Methylene Chloride	3.970	84	2389	0.049	ppbv #	87
39) 1,2-Dichloropropane	6.684	63	686255	7.819	ppbv #	22
80) Naphthalene,2-methyl-	24.474	142	73	0.174	ppbv #	2

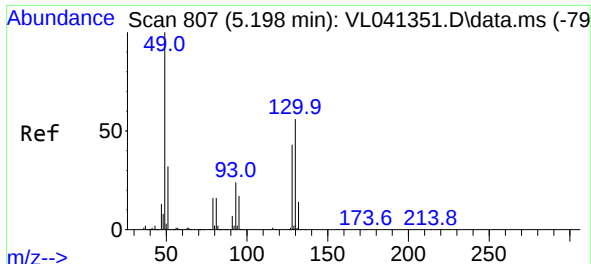
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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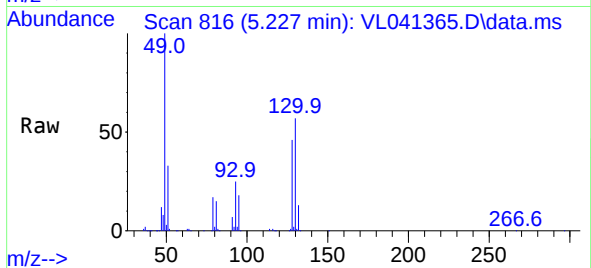
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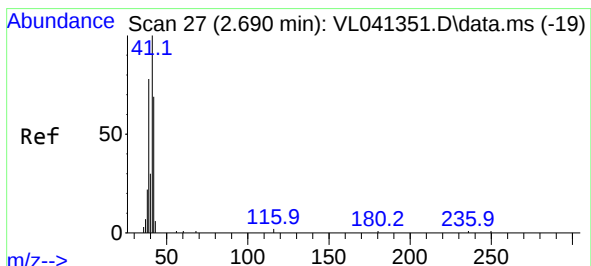
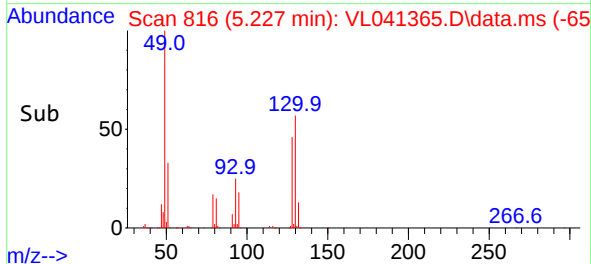
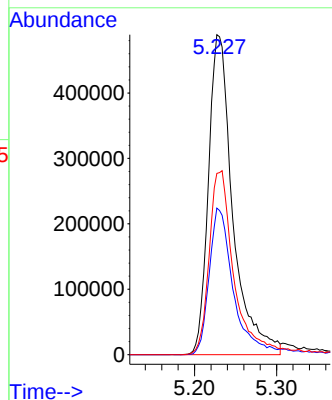
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.227 min Scan# 81
Delta R.T. 0.026 min
Lab File: VL041365.D
Acq: 26 Jun 2024 19:10

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 49 Resp: 1012287

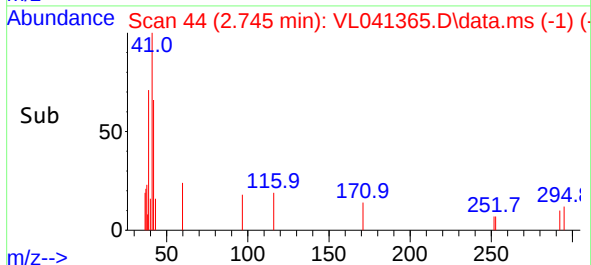
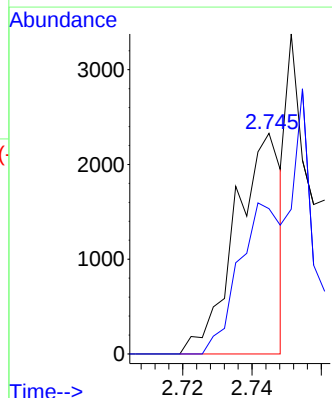
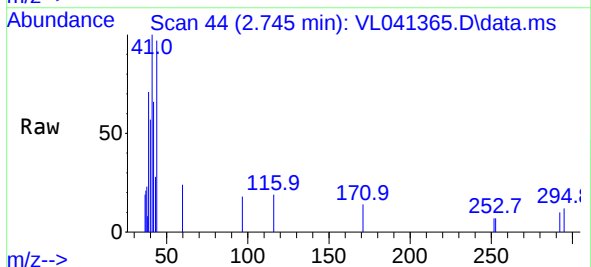
Ion	Ratio	Lower	Upper
49	100		
128	48.0	22.8	68.3
130	60.4	28.9	86.7

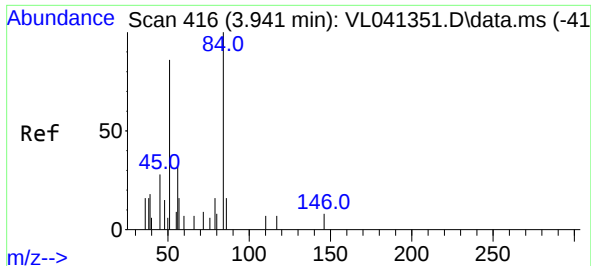


#9
Propene
Concen: 0.035 ppbv
RT: 2.745 min Scan# 44
Delta R.T. 0.051 min
Lab File: VL041365.D
Acq: 26 Jun 2024 19:10

Tgt Ion: 41 Resp: 2135

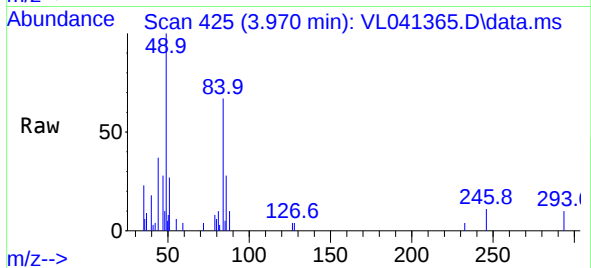
Ion	Ratio	Lower	Upper
41	100		
42	0.0	55.8	83.8



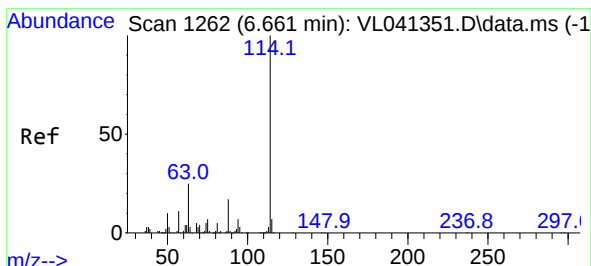
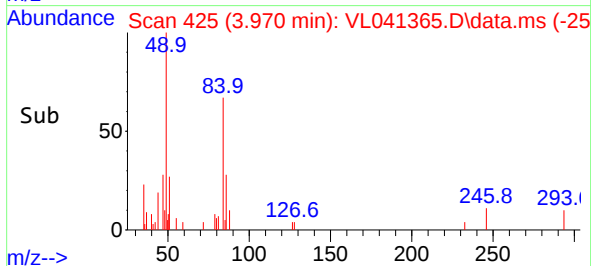
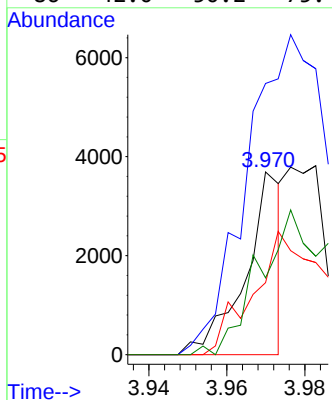


#20
Methylene Chloride
Concen: 0.049 ppbv
RT: 3.970 min Scan# 416
Delta R.T. 0.032 min
Lab File: VL041365.D
Acq: 26 Jun 2024 19:10

Instrument :
MSVOA_L
ClientSampleId :

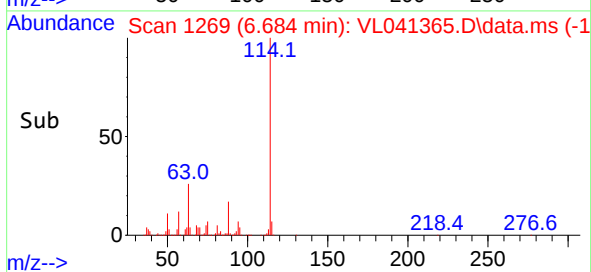
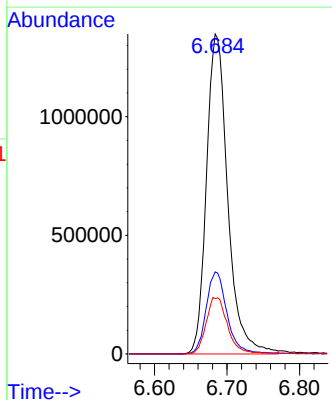
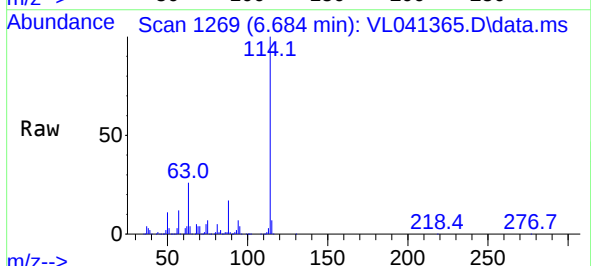


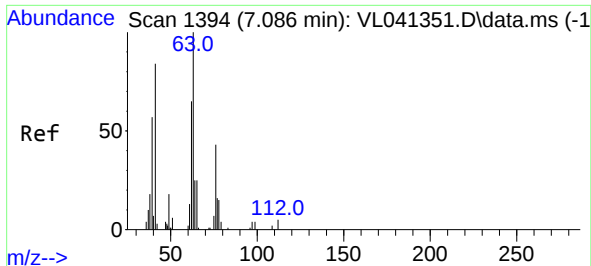
Tgt Ion: 84 Resp: 2389
Ion Ratio Lower Upper
84 100
49 155.9 131.8 197.6
51 39.4 39.6 59.4#
86 42.0 50.2 75.4#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.684 min Scan# 1269
Delta R.T. 0.016 min
Lab File: VL041365.D
Acq: 26 Jun 2024 19:10

Tgt Ion:114 Resp: 2744440
Ion Ratio Lower Upper
114 100
63 25.6 20.6 31.0
88 18.0 14.6 21.8





#39

1,2-Dichloropropane

Concen: 7.819 ppbv

RT: 6.684 min Scan# 11

Delta R.T. -0.405 min

Lab File: VL041365.D

Acq: 26 Jun 2024 19:10

Instrument :

MSVOA_L

ClientSampleId :

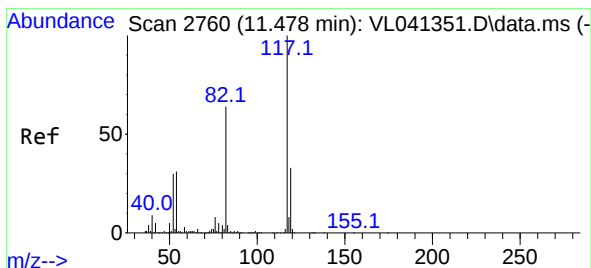
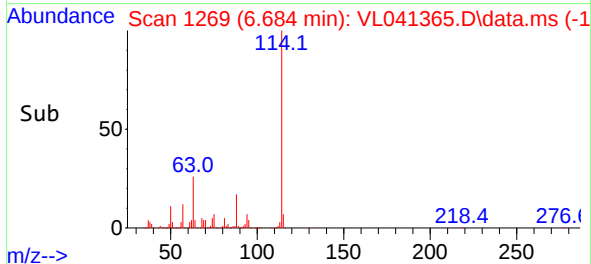
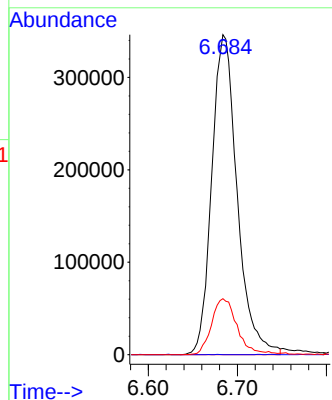
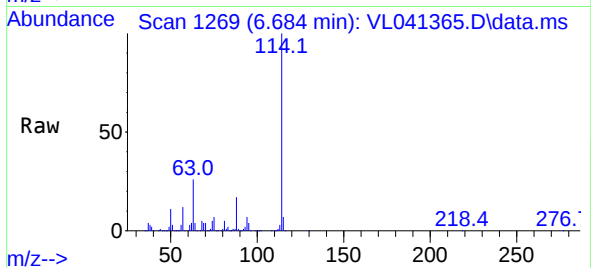
Tgt Ion: 63 Resp: 686255

Ion Ratio Lower Upper

63 100

41 0.0 64.0 96.0#

62 17.5 55.2 82.8#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.491 min Scan# 2764

Delta R.T. 0.006 min

Lab File: VL041365.D

Acq: 26 Jun 2024 19:10

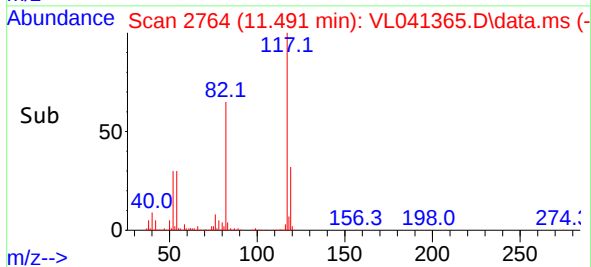
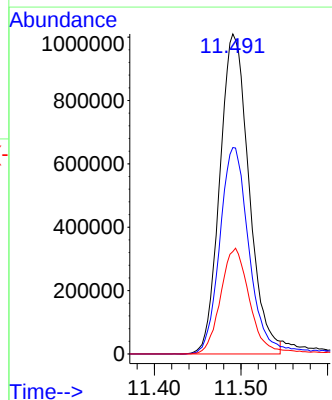
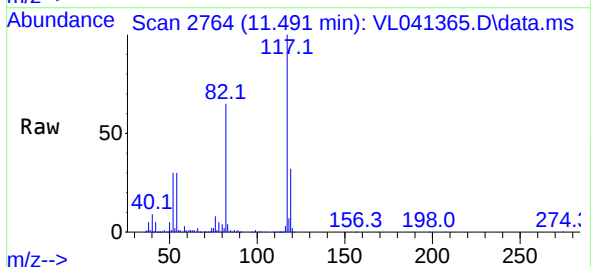
Tgt Ion: 117 Resp: 2360219

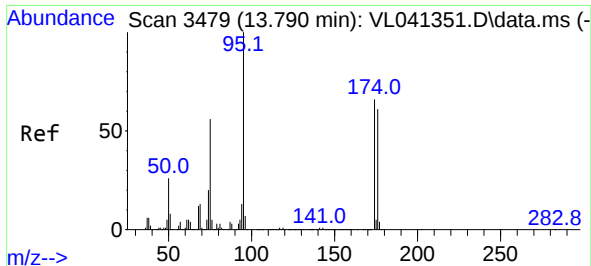
Ion Ratio Lower Upper

117 100

82 65.8 50.6 75.8

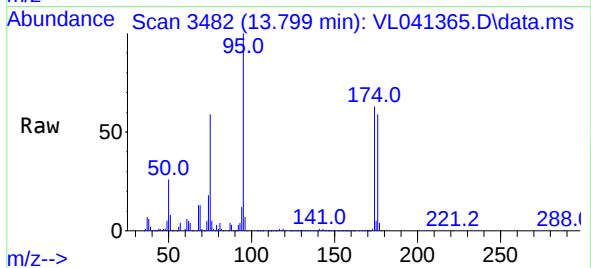
119 33.8 24.7 37.1



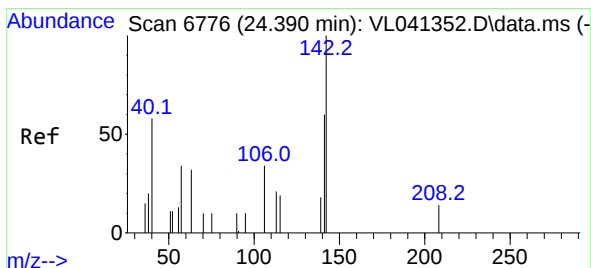
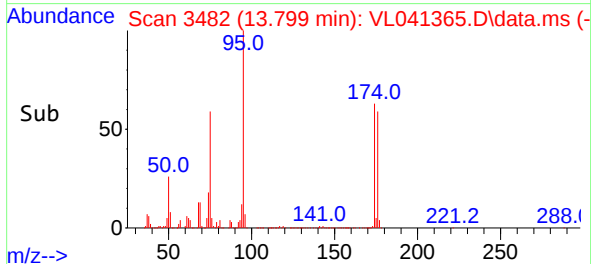
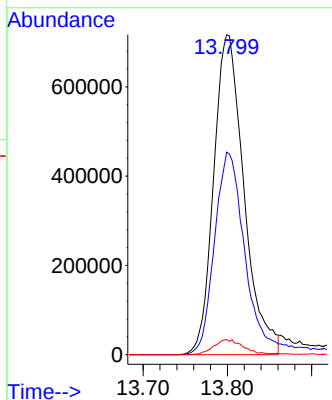


#68
1-Bromo-4-Fluorobenzene
Concen: 10.116 ppbv
RT: 13.799 min Scan# 3479
Delta R.T. 0.006 min
Lab File: VL041365.D
Acq: 26 Jun 2024 19:10

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 95 Resp: 1789586
Ion Ratio Lower Upper
95 100
174 68.1 53.1 79.7
175 4.9 4.0 6.0



#80
Naphthalene,2-methyl-
Concen: 0.174 ppbv
RT: 24.474 min Scan# 6802
Delta R.T. 0.084 min
Lab File: VL041365.D
Acq: 26 Jun 2024 19:10

Tgt Ion:142 Resp: 73
Ion Ratio Lower Upper
142 100
141 0.0 37.9 56.9#
115 91.8 11.0 16.4#

