

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062624\
 Data File : VL041360.D
 Acq On : 26 Jun 2024 15:32
 Operator : SY/MD
 Sample : VL0626ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jun 27 09:18:50 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)

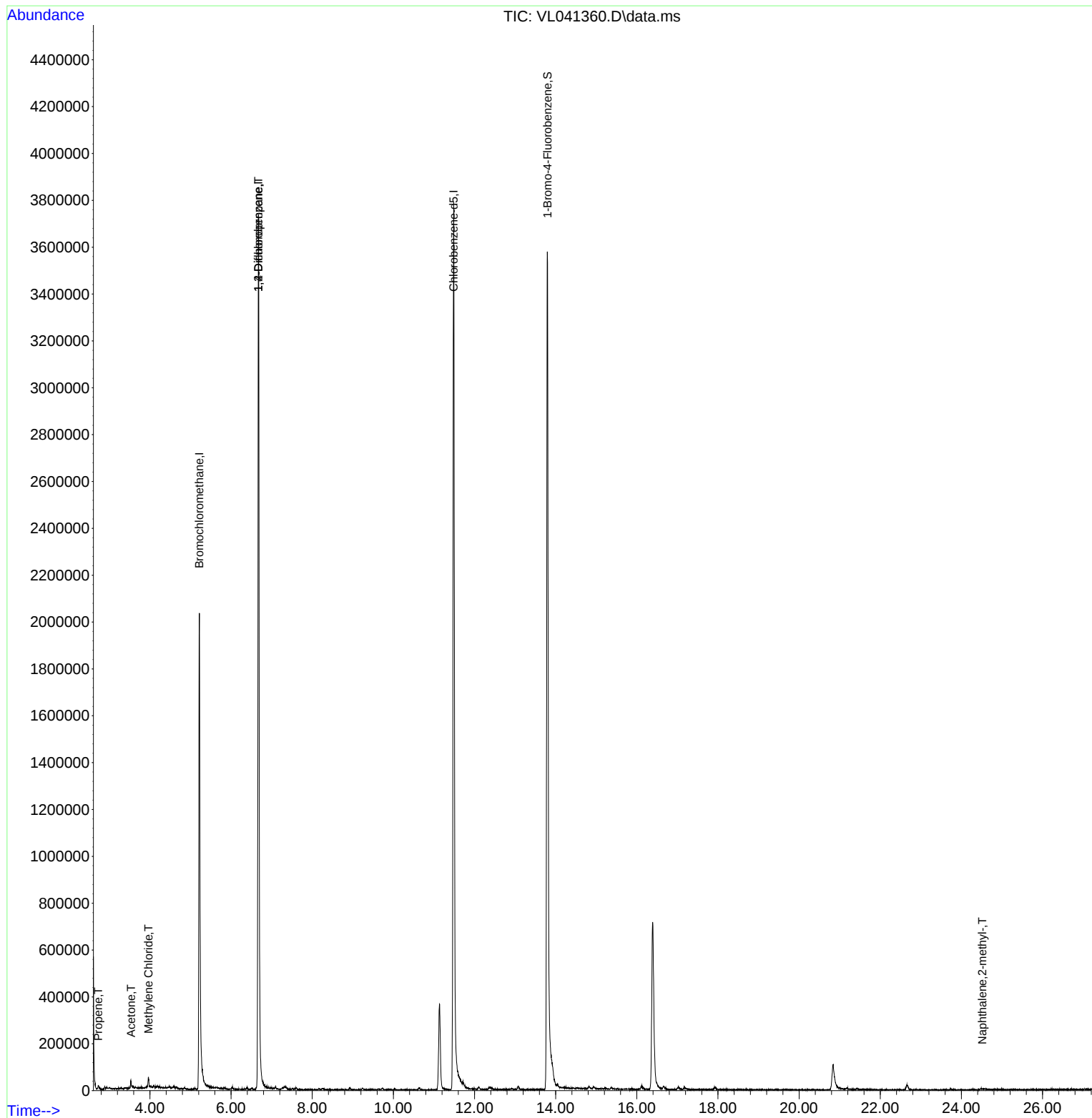
Internal Standards						
1) Bromochloromethane	5.217	49	1084938	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.674	114	2948444	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.484	117	2606376	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.799	95	1878158	9.614	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.100%
Target Compounds						
					Qvalue	
9) Propene	2.726	41	4365	0.067	ppbv #	69
15) Acetone	3.533	43	26478	0.185	ppbv #	81
20) Methylene Chloride	3.963	84	11174	0.215	ppbv	85
39) 1,2-Dichloropropane	6.674	63	739865	7.846	ppbv #	22
80) Naphthalene,2-methyl-	24.516	142	97	0.209	ppbv #	38

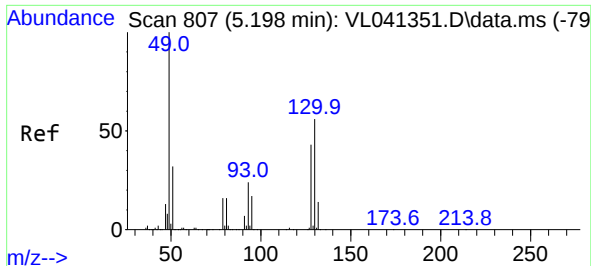
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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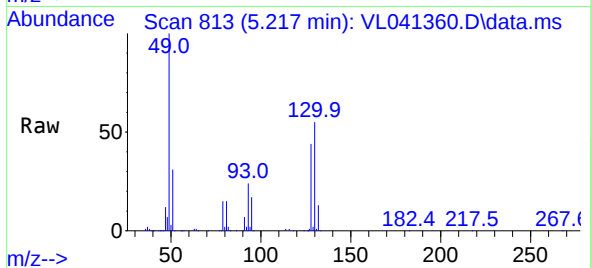
Quant Time: Jun 27 09:18:50 2024
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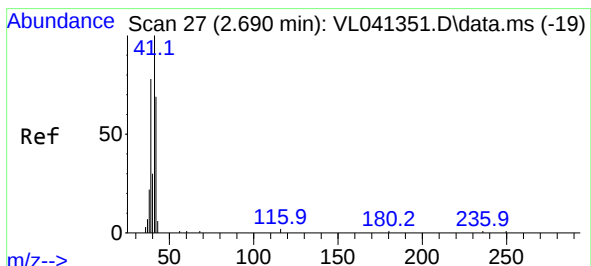
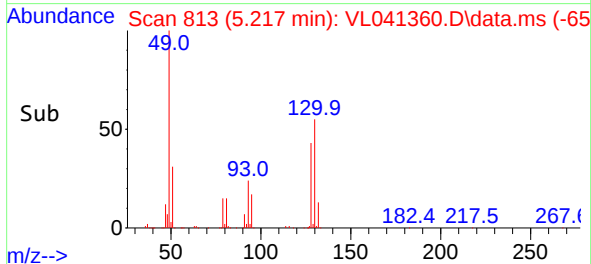
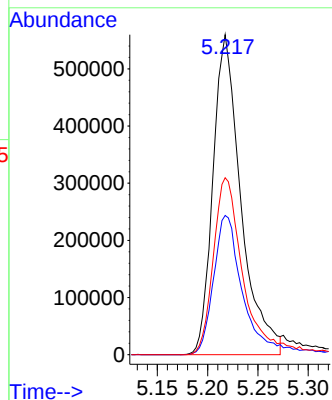


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.217 min Scan# 81
Delta R.T. 0.016 min
Lab File: VL041360.D
Acq: 26 Jun 2024 15:32

Instrument :
MSVOA_L
ClientSampleId :

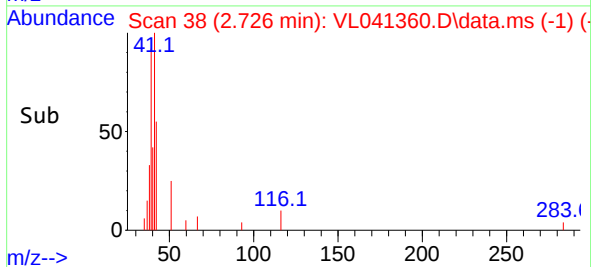
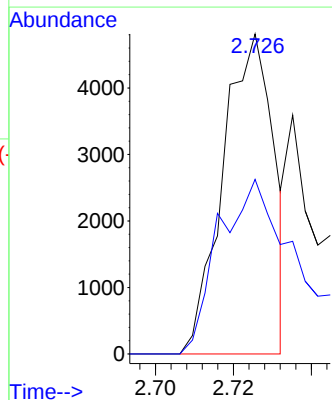
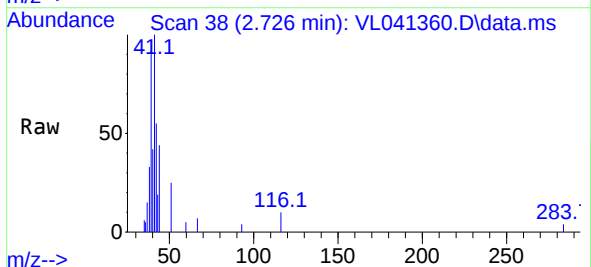


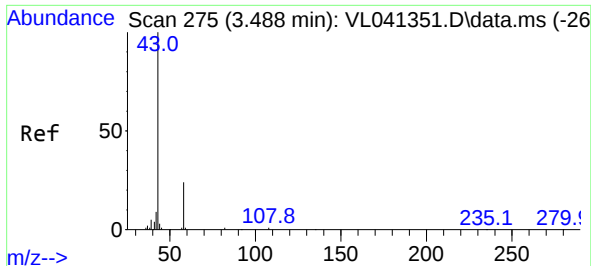
Tgt Ion: 49 Resp: 1084938
Ion Ratio Lower Upper
49 100
128 48.3 22.8 68.3
130 61.5 28.9 86.7



#9
Propene
Concen: 0.067 ppbv
RT: 2.726 min Scan# 38
Delta R.T. 0.032 min
Lab File: VL041360.D
Acq: 26 Jun 2024 15:32

Tgt Ion: 41 Resp: 4365
Ion Ratio Lower Upper
41 100
42 95.0 55.8 83.8#

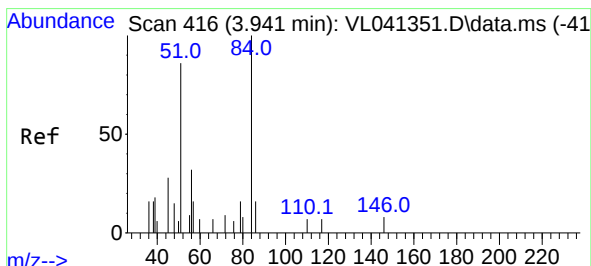
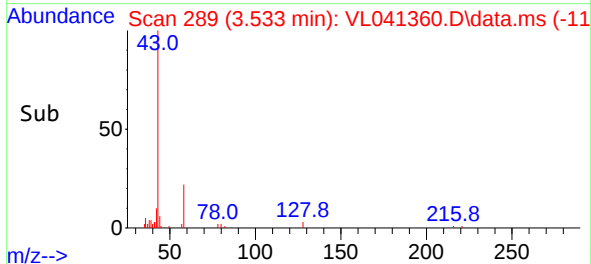
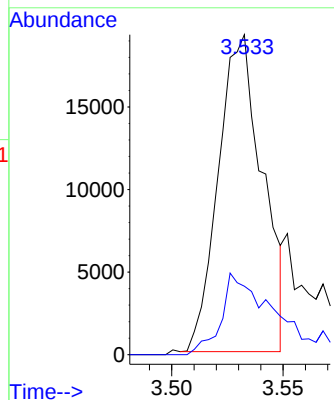
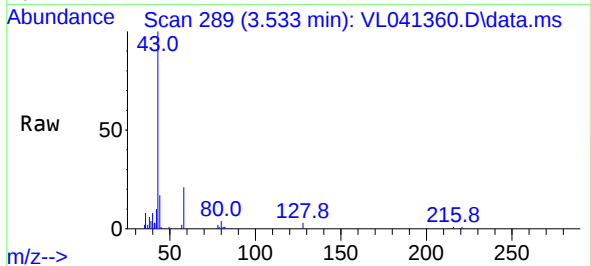




#15
Acetone
Concen: 0.185 ppbv
RT: 3.533 min Scan# 21
Delta R.T. 0.061 min
Lab File: VL041360.D
Acq: 26 Jun 2024 15:32

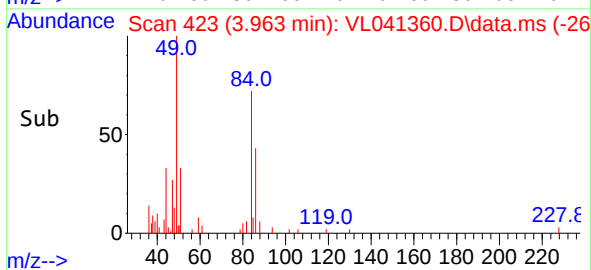
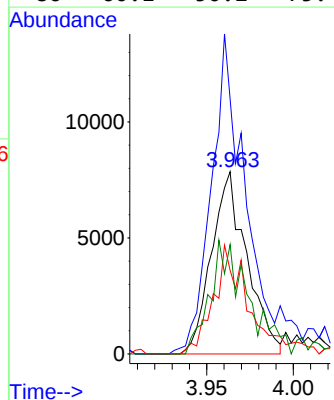
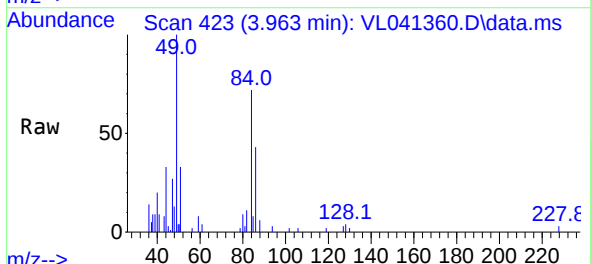
Instrument :
MSVOA_L
ClientSampleId :

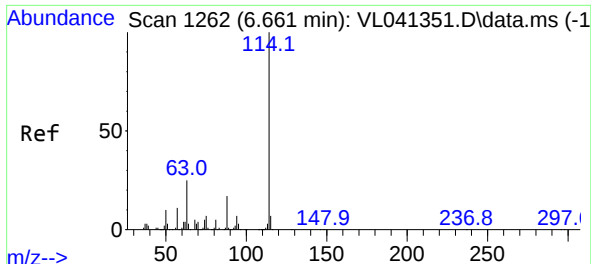
Tgt Ion: 43 Resp: 26478
Ion Ratio Lower Upper
43 100
58 35.2 20.3 30.5#



#20
Methylene Chloride
Concen: 0.215 ppbv
RT: 3.963 min Scan# 423
Delta R.T. 0.026 min
Lab File: VL041360.D
Acq: 26 Jun 2024 15:32

Tgt Ion: 84 Resp: 11174
Ion Ratio Lower Upper
84 100
49 134.3 131.8 197.6
51 45.9 39.6 59.4
86 60.1 50.2 75.4





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.674 min Scan# 1266

Delta R.T. 0.006 min

Lab File: VL041360.D

Acq: 26 Jun 2024 15:32

Instrument :

MSVOA_L

ClientSampleId :

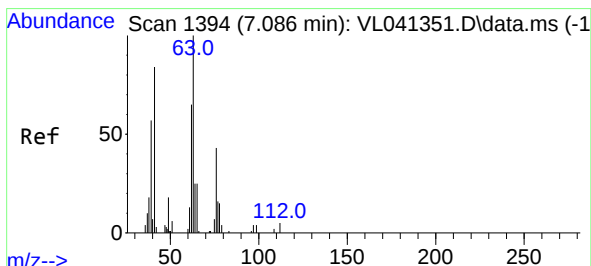
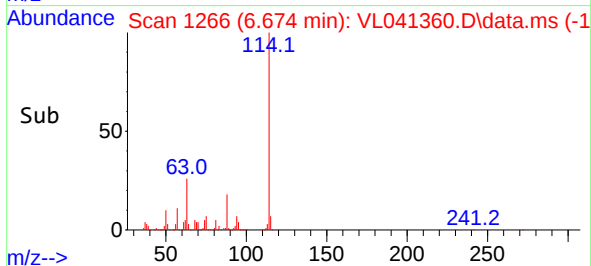
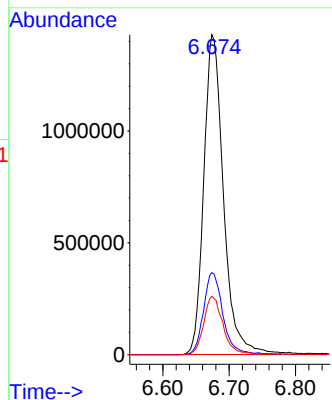
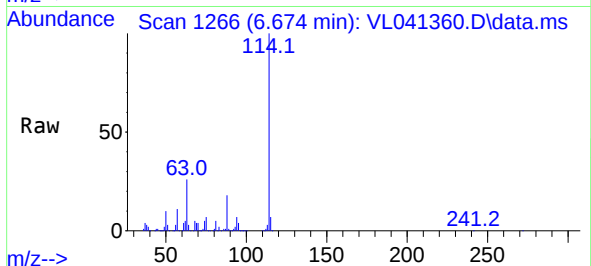
Tgt Ion:114 Resp: 2948444

Ion Ratio Lower Upper

114 100

63 25.5 20.6 31.0

88 18.1 14.6 21.8



#39

1,2-Dichloropropane

Concen: 7.846 ppbv

RT: 6.674 min Scan# 1266

Delta R.T. -0.415 min

Lab File: VL041360.D

Acq: 26 Jun 2024 15:32

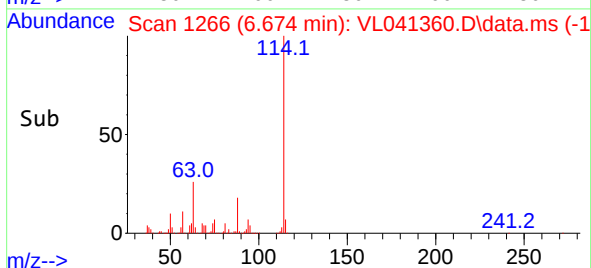
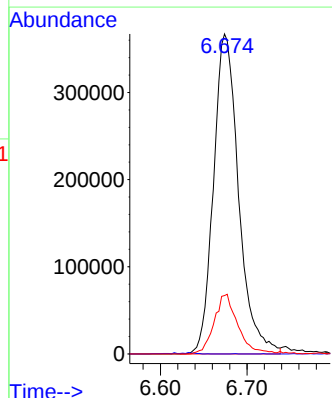
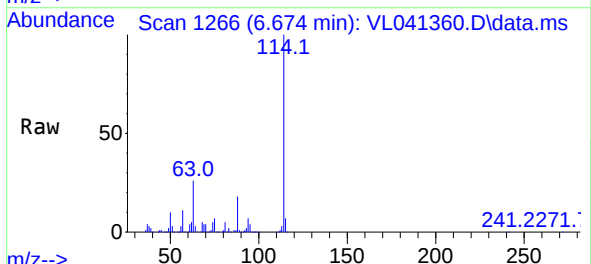
Tgt Ion: 63 Resp: 739865

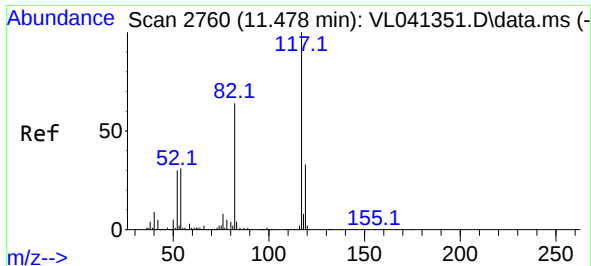
Ion Ratio Lower Upper

63 100

41 0.0 64.0 96.0#

62 18.3 55.2 82.8#

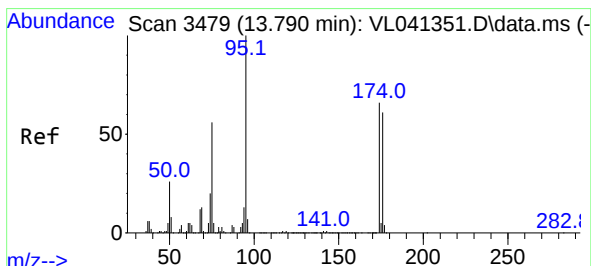
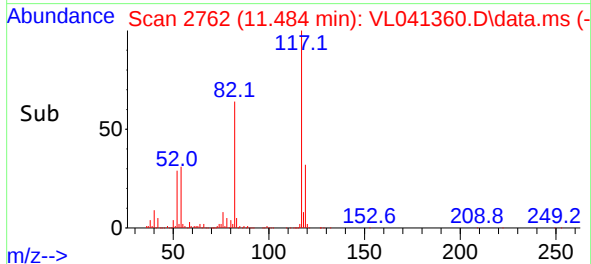
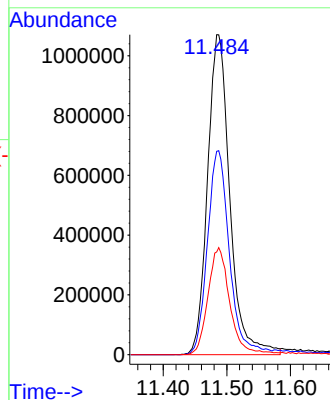
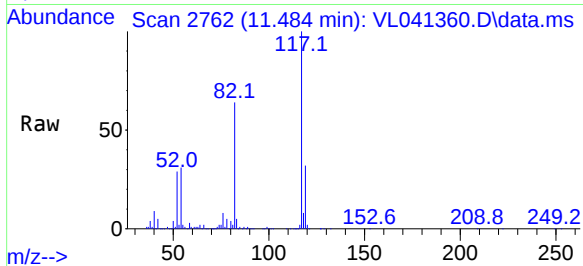




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.484 min Scan# 211
Delta R.T. -0.000 min
Lab File: VL041360.D
Acq: 26 Jun 2024 15:32

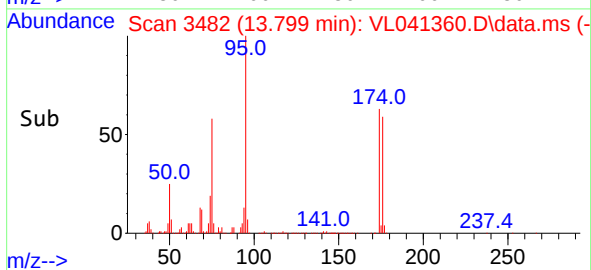
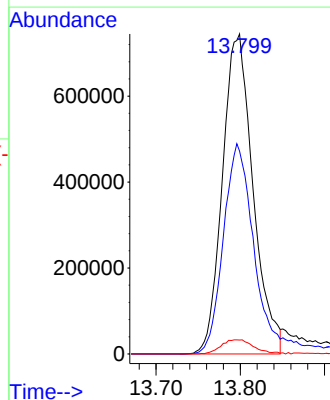
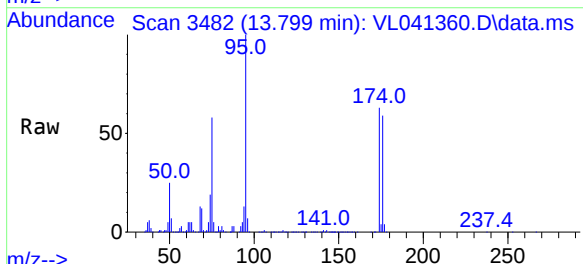
Instrument :
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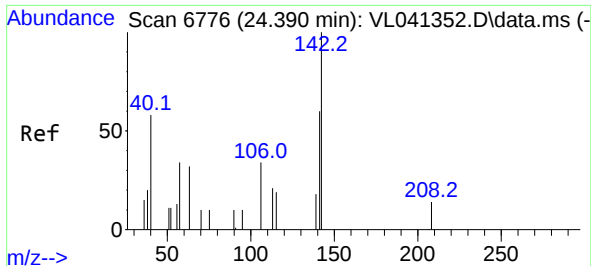
Tgt Ion:117 Resp: 2606376
Ion Ratio Lower Upper
117 100
82 65.5 50.6 75.8
119 33.0 24.7 37.1



#68
1-Bromo-4-Fluorobenzene
Concen: 9.614 ppbv
RT: 13.799 min Scan# 3482
Delta R.T. 0.006 min
Lab File: VL041360.D
Acq: 26 Jun 2024 15:32

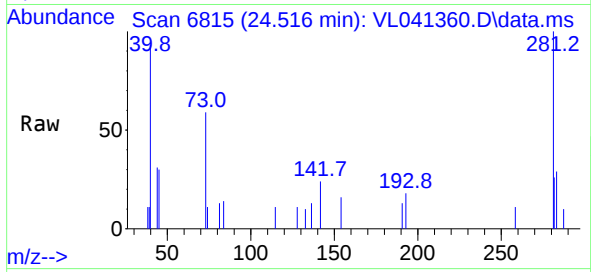
Tgt Ion: 95 Resp: 1878158
Ion Ratio Lower Upper
95 100
174 70.9 53.1 79.7
175 4.8 4.0 6.0





#80
Naphthalene, 2-methyl-
Concen: 0.209 ppbv
RT: 24.516 min Scan# 61
Delta R.T. 0.125 min
Lab File: VL041360.D
Acq: 26 Jun 2024 15:32

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion:142 Resp: 97
Ion Ratio Lower Upper
142 100
141 0.0 37.9 56.9#
115 0.0 11.0 16.4#

