

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL070124\
 Data File : VL041374.D
 Acq On : 1 Jul 2024 19:12
 Operator : SY/MD
 Sample : CAN 10266
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jul 01 23:33:34 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 : Mon Jul 01 23:27:24 2024
 Response via : Initial Calibration

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

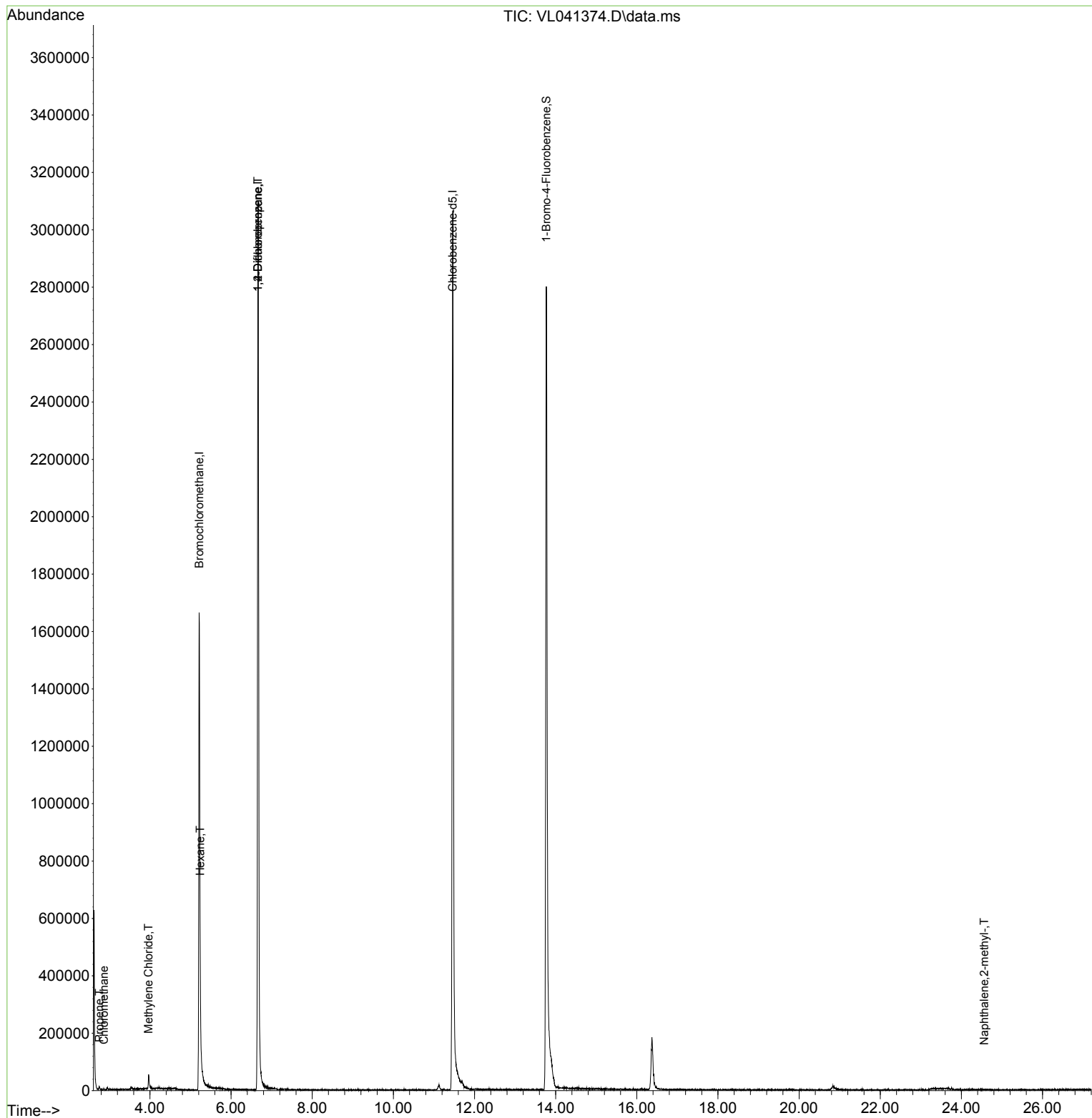
Internal Standards						
1) Bromochloromethane	5.214	49	874316	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.664	114	2426153	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2089574	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	1531064	9.776	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.800%
Target Compounds						
					Qvalue	
4) Chloromethane	2.864	50	2781	0.048	ppbv #	81
9) Propene	2.755	41	4128	0.079	ppbv	92
20) Methylene Chloride	3.963	84	5416	0.129	ppbv	95
26) Hexane	5.237	57	11957	0.127	ppbv #	34
39) 1,2-Dichloropropane	6.664	63	588010	7.578	ppbv #	22
80) Naphthalene,2-methyl-	24.561	142	89	0.240	ppbv #	38

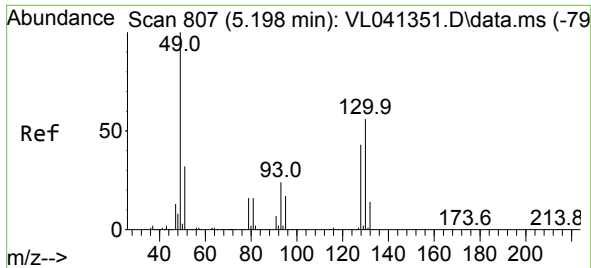
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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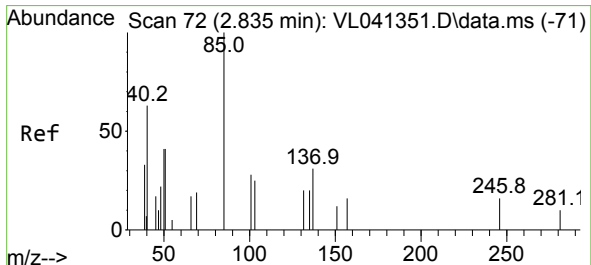
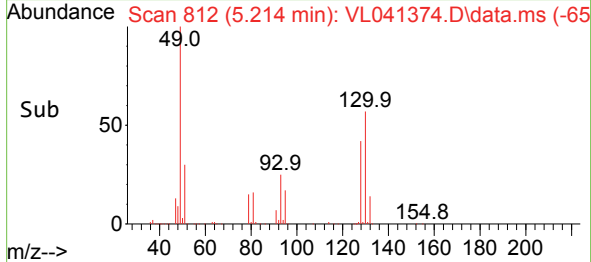
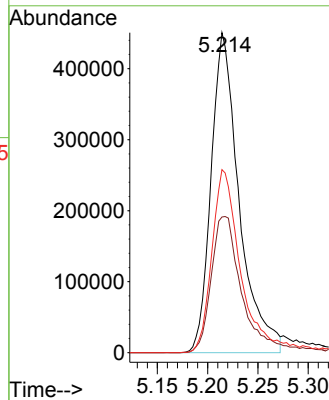
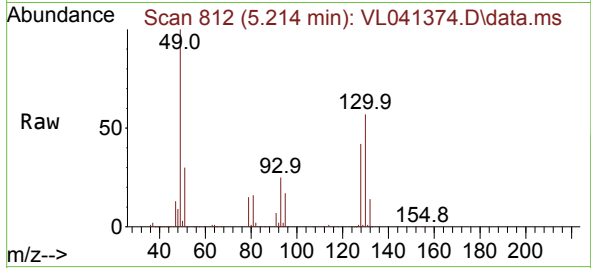




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.214 min Scan# 81
Delta R.T. -0.004 min
Lab File: VL041374.D
Acq: 1 Jul 2024 19:12

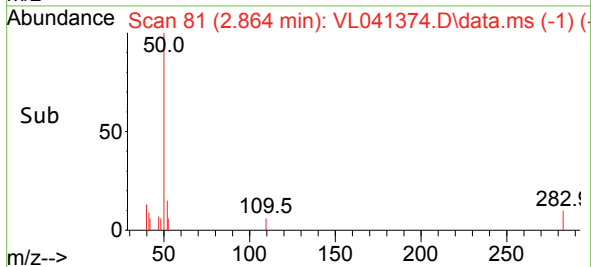
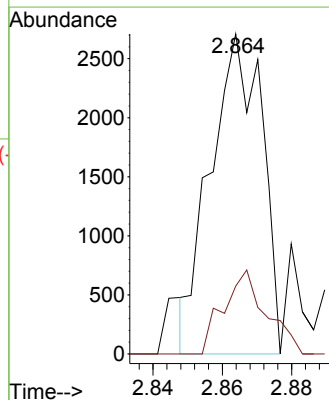
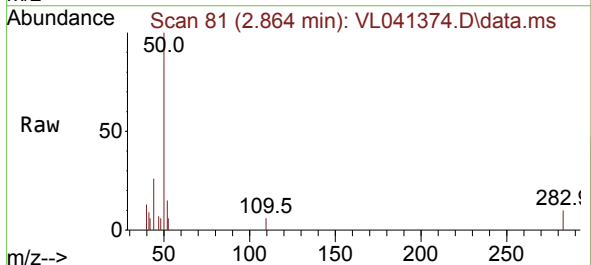
Instrument :
MSVOA_L
ClientSampleId :

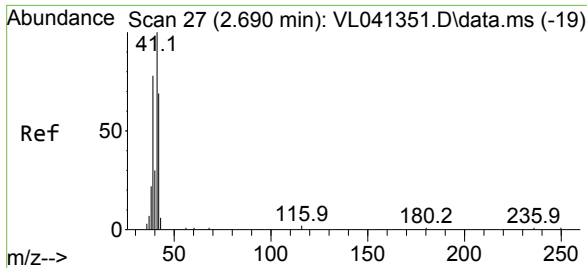
Tgt Ion: 49 Resp: 874316
Ion Ratio Lower Upper
49 100
128 47.3 22.8 68.3
130 62.2 28.9 86.7



#4
Chloromethane
Concen: 0.048 ppbv
RT: 2.864 min Scan# 81
Delta R.T. 0.010 min
Lab File: VL041374.D
Acq: 1 Jul 2024 19:12

Tgt Ion: 50 Resp: 2781
Ion Ratio Lower Upper
50 100
52 21.2 25.6 38.4#

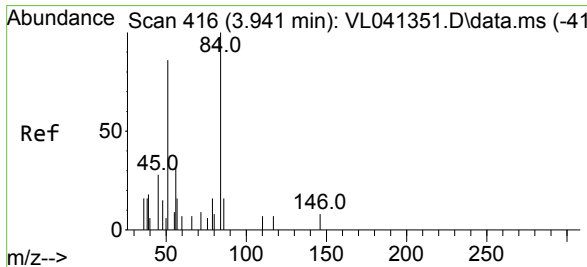
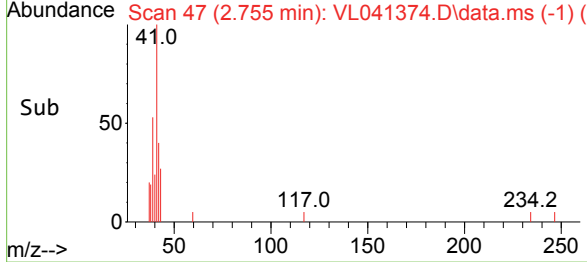
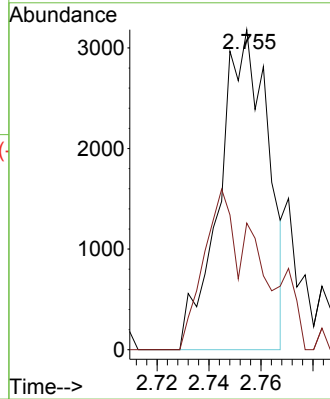
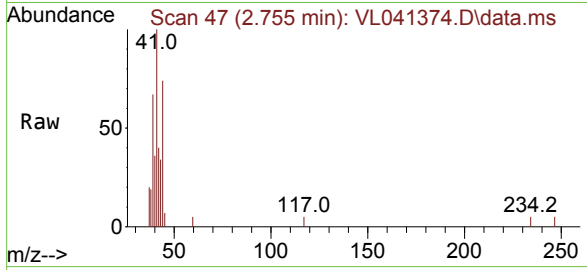




#9
Propene
Concen: 0.079 ppbv
RT: 2.755 min Scan# 41
Delta R.T. 0.019 min
Lab File: VL041374.D
Acq: 1 Jul 2024 19:12

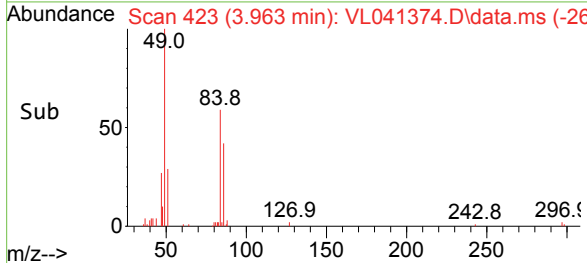
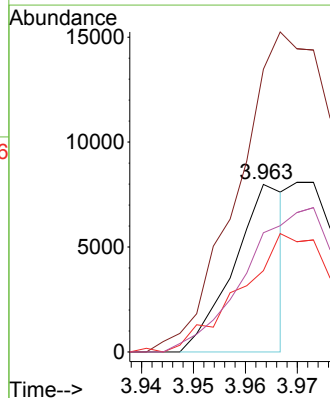
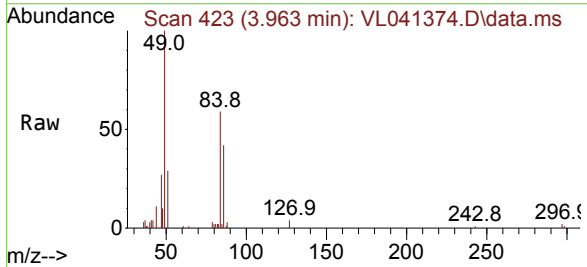
Instrument :
MSVOA_L
ClientSampleId :

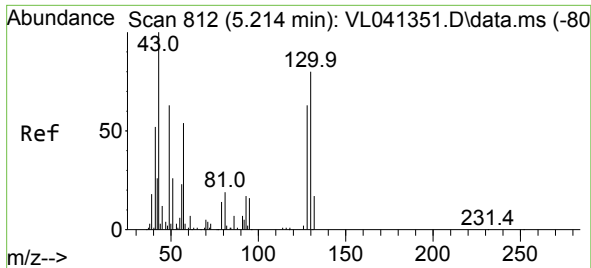
Tgt Ion: 41 Resp: 4128
Ion Ratio Lower Upper
41 100
42 63.6 55.8 83.8



#20
Methylene Chloride
Concen: 0.129 ppbv
RT: 3.963 min Scan# 423
Delta R.T. -0.000 min
Lab File: VL041374.D
Acq: 1 Jul 2024 19:12

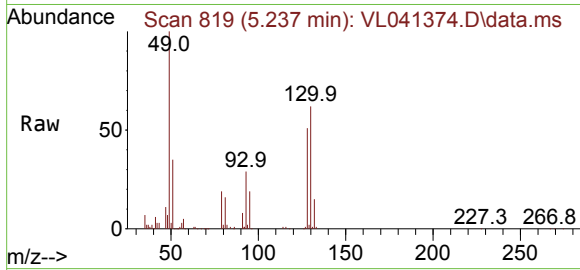
Tgt Ion: 84 Resp: 5416
Ion Ratio Lower Upper
84 100
49 157.6 131.8 197.6
51 44.5 39.6 59.4
86 66.0 50.2 75.4



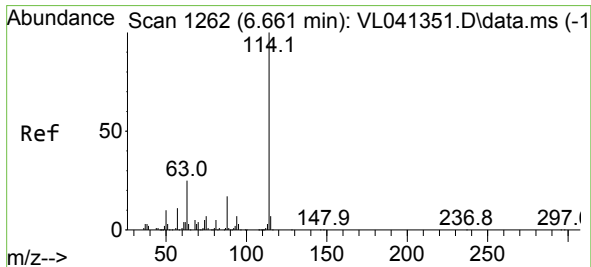
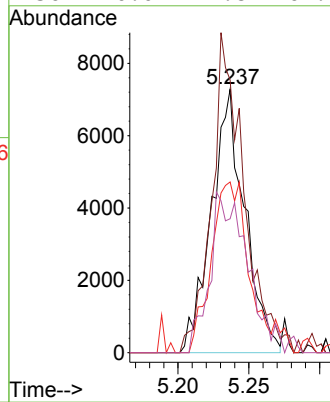
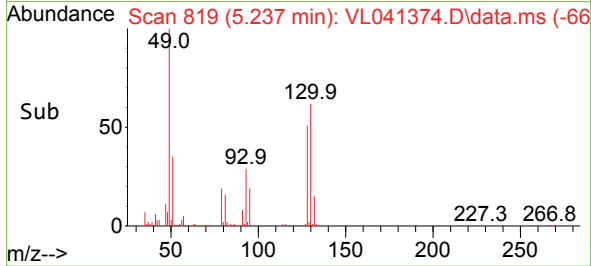


#26
Hexane
Concen: 0.127 ppbv
RT: 5.237 min Scan# 812
Delta R.T. 0.003 min
Lab File: VL041374.D
Acq: 1 Jul 2024 19:12

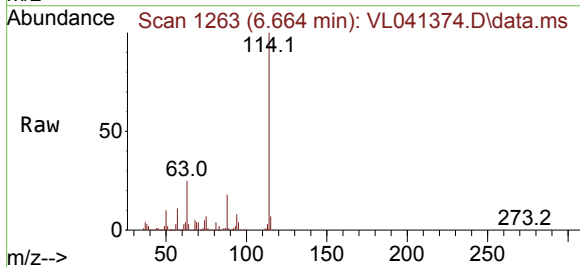
Instrument :
MSVOA_L
ClientSampleId :



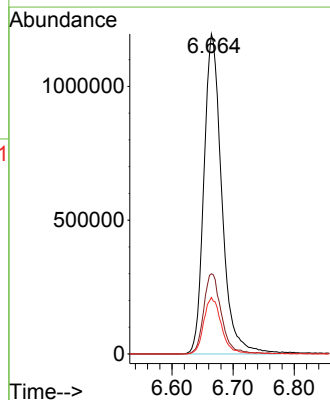
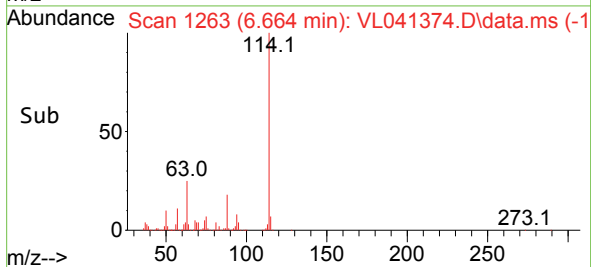
Tgt Ion: 57 Resp: 11957
Ion Ratio Lower Upper
57 100
41 120.4 73.7 110.5#
43 78.6 182.2 273.2#
56 70.0 41.8 62.6#

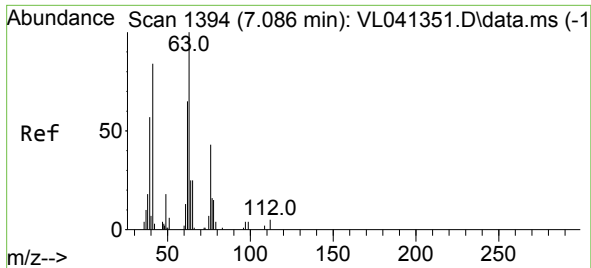


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.664 min Scan# 1263
Delta R.T. -0.006 min
Lab File: VL041374.D
Acq: 1 Jul 2024 19:12



Tgt Ion: 114 Resp: 2426153
Ion Ratio Lower Upper
114 100
63 25.2 20.6 31.0
88 17.6 14.6 21.8





#39

1,2-Dichloropropane

Concen: 7.578 ppbv

RT: 6.664 min Scan# 11

Delta R.T. -0.424 min

Lab File: VL041374.D

Acq: 1 Jul 2024 19:12

Instrument :

MSVOA_L

ClientSampleId :

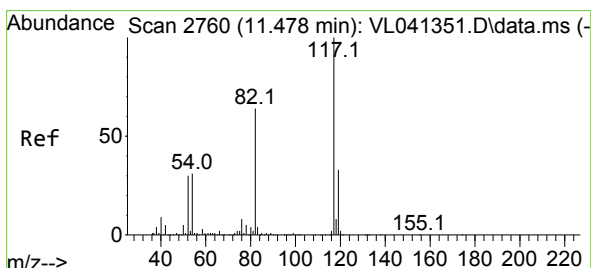
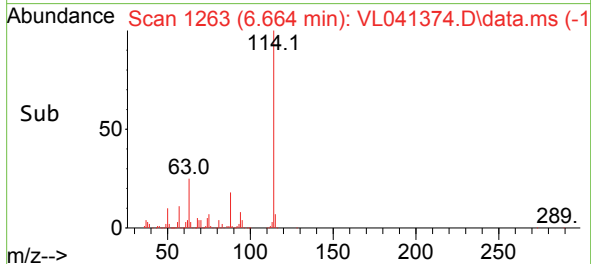
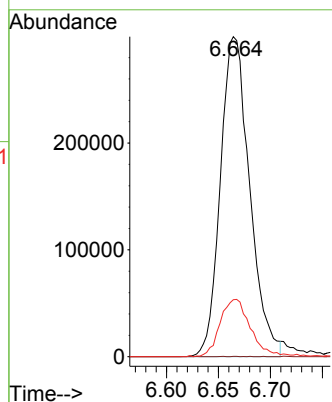
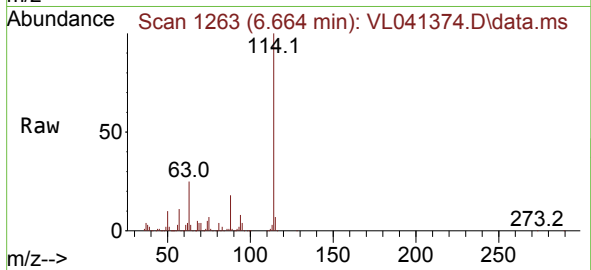
Tgt Ion: 63 Resp: 588010

Ion Ratio Lower Upper

63 100

41 0.1 64.0 96.0#

62 17.8 55.2 82.8#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.462 min Scan# 2755

Delta R.T. -0.010 min

Lab File: VL041374.D

Acq: 1 Jul 2024 19:12

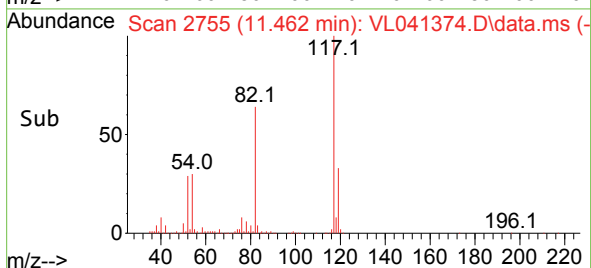
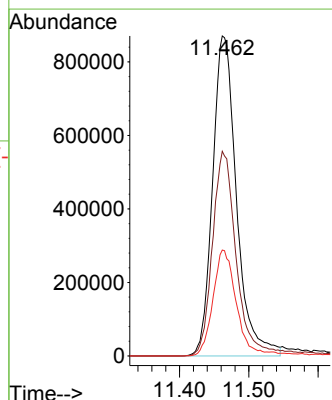
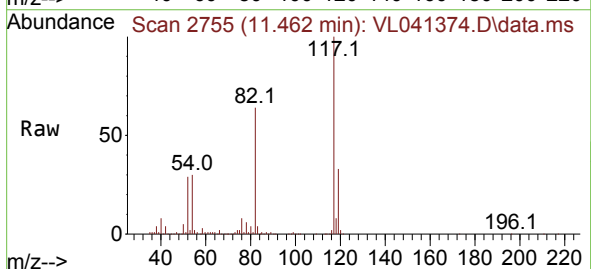
Tgt Ion: 117 Resp: 2089574

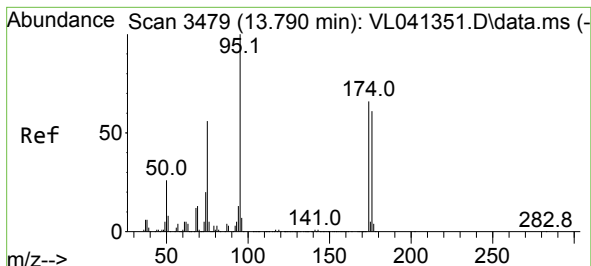
Ion Ratio Lower Upper

117 100

82 65.4 50.6 75.8

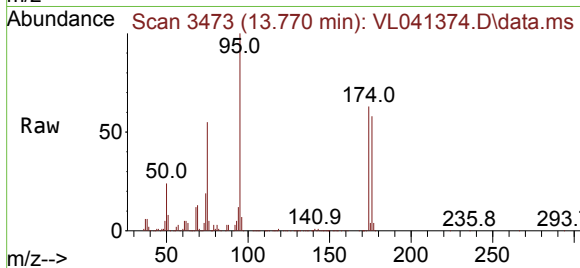
119 33.9 24.7 37.1



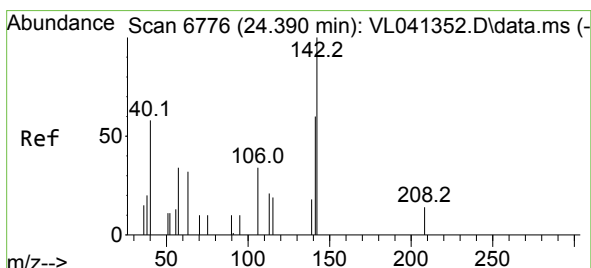
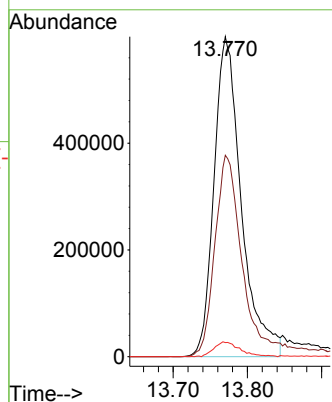
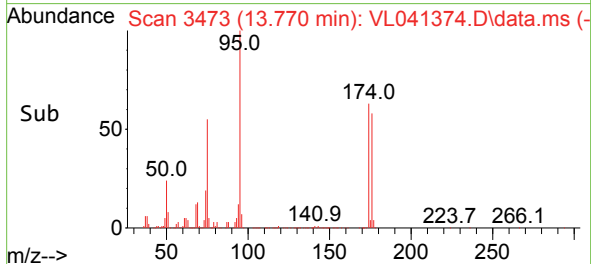


#68
1-Bromo-4-Fluorobenzene
Concen: 9.776 ppbv
RT: 13.770 min Scan# 3479
Delta R.T. -0.007 min
Lab File: VL041374.D
Acq: 1 Jul 2024 19:12

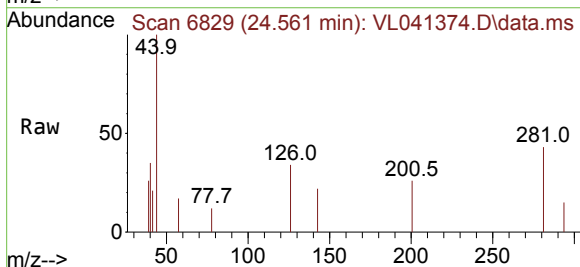
Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 95 Resp: 1531064
Ion Ratio Lower Upper
95 100
174 67.5 53.1 79.7
175 4.8 4.0 6.0



#80
Naphthalene,2-methyl-
Concen: 0.240 ppbv
RT: 24.561 min Scan# 6829
Delta R.T. 0.190 min
Lab File: VL041374.D
Acq: 1 Jul 2024 19:12



Tgt Ion:142 Resp: 89
Ion Ratio Lower Upper
142 100
141 92.1 37.9 56.9#
115 32.6 11.0 16.4#

