

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011425\
 Data File : VL041900.D
 Acq On : 14 Jan 2025 20:07
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jan 15 03:26:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jan 14 23:15:42 2025
 Response via : Initial Calibration

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

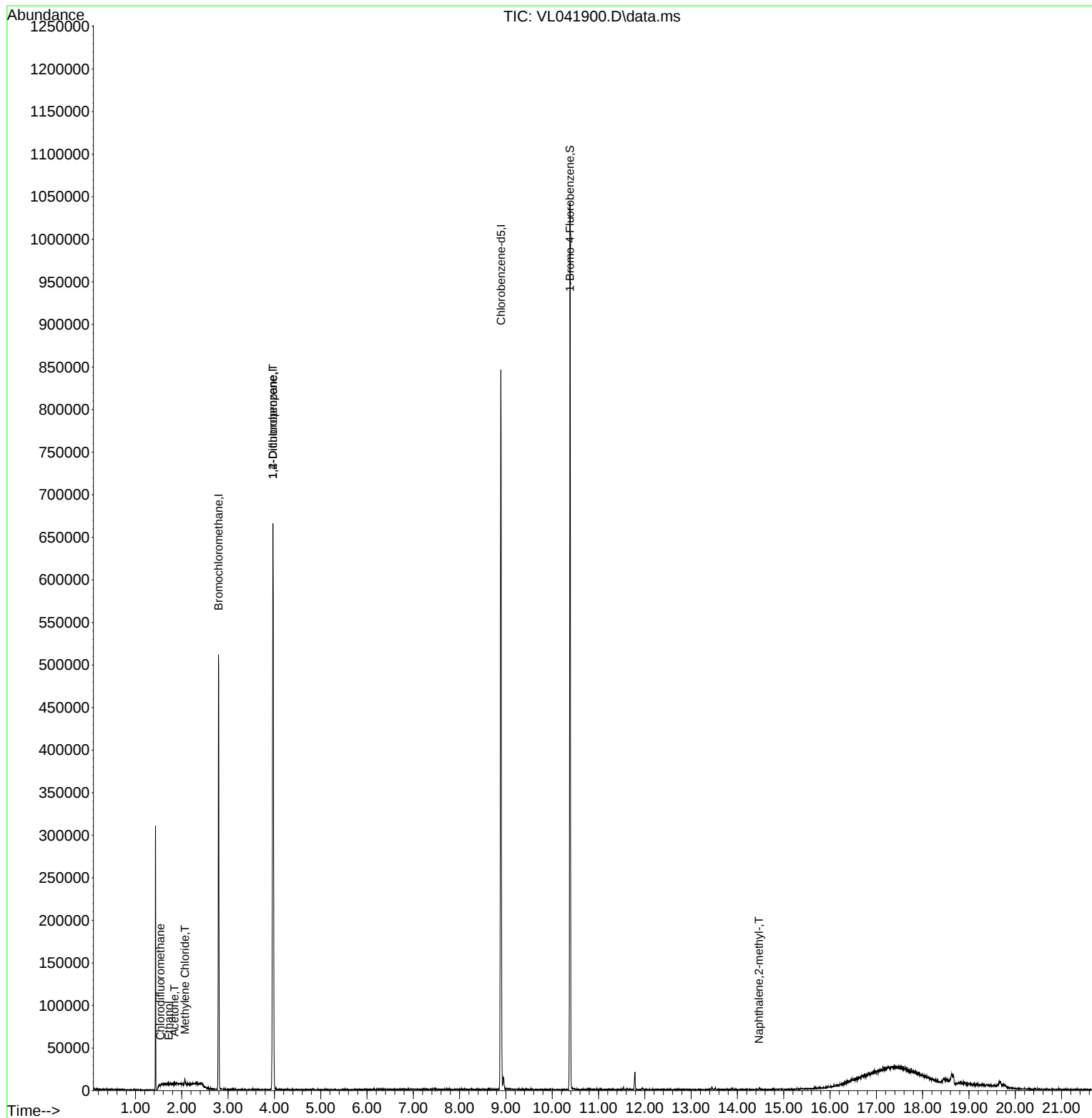
Internal Standards						
1) Bromochloromethane	2.793	49	138202	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.968	114	405099	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.891	117	347425	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.383	95	270122	9.871	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.700%
Target Compounds						
					Qvalue	
3) Chlorodifluoromethane	1.541	51	112	0.006	ppbv #	60
13) Ethanol	1.719	45	79	0.133	ppbv #	31
15) Acetone	1.842	43	1956	0.118	ppbv #	81
20) Methylene Chloride	2.068	84	1176	0.179	ppbv #	70
39) 1,2-Dichloropropane	3.968	63	101178	7.763	ppbv #	24
80) Naphthalene,2-methyl-	14.465	142	605	0.026	ppbv #	78

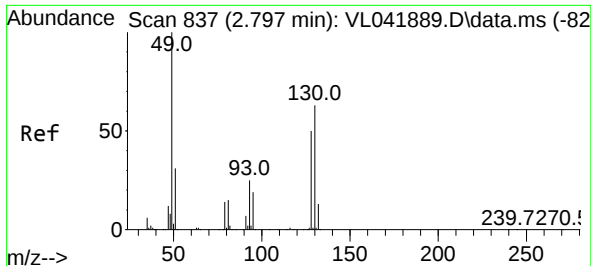
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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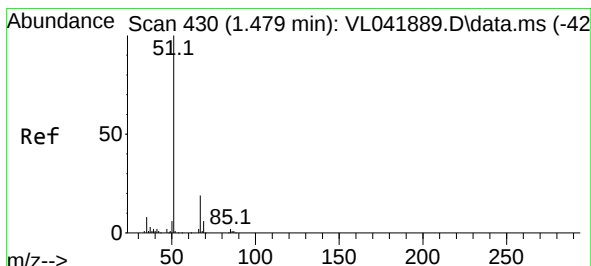
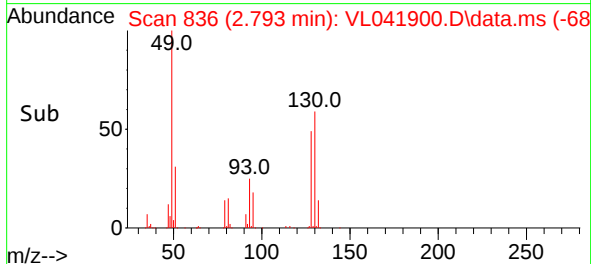
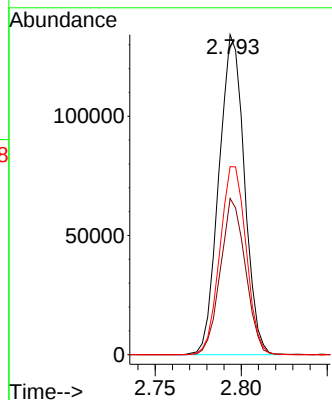
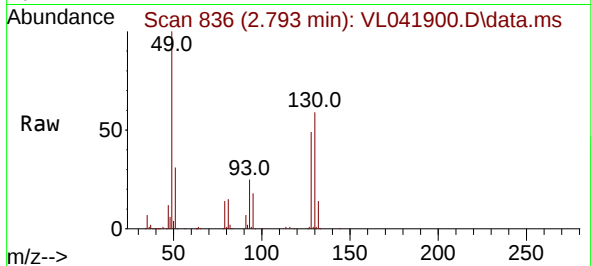




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.793 min Scan# 81
Delta R.T. -0.004 min
Lab File: VL041900.D
Acq: 14 Jan 2025 20:07

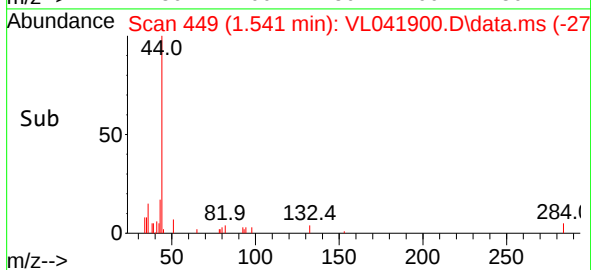
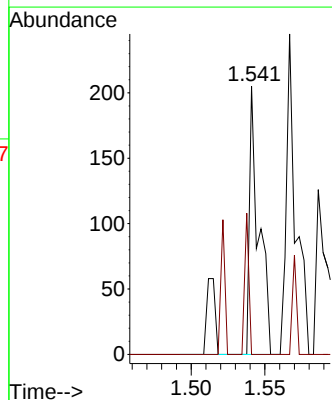
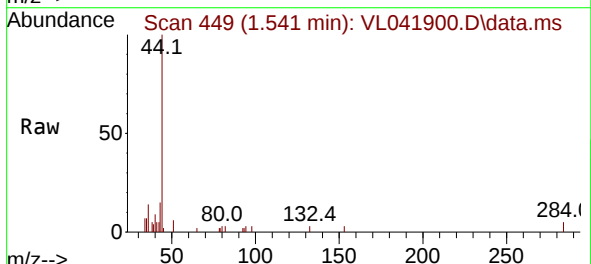
Instrument :
MSVOA_L
ClientSampleId :

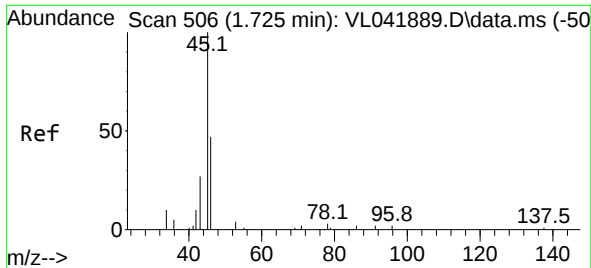
Tgt Ion: 49 Resp: 138202
Ion Ratio Lower Upper
49 100
128 48.0 24.3 73.0
130 60.6 31.1 93.2



#3
Chlorodifluoromethane
Concen: 0.006 ppbv
RT: 1.541 min Scan# 449
Delta R.T. 0.062 min
Lab File: VL041900.D
Acq: 14 Jan 2025 20:07

Tgt Ion: 51 Resp: 112
Ion Ratio Lower Upper
51 100
67 36.6 15.0 22.4#

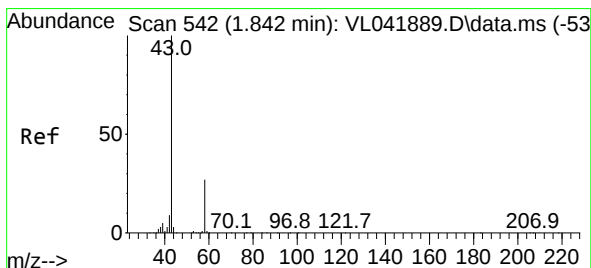
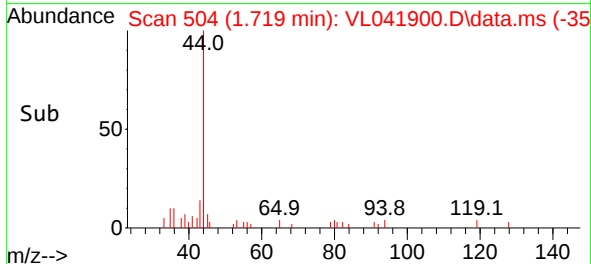
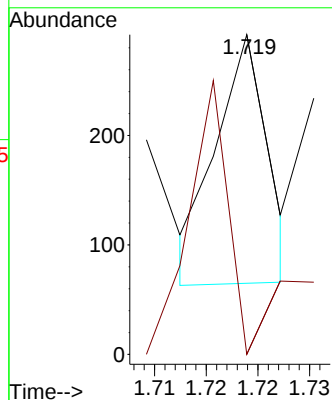
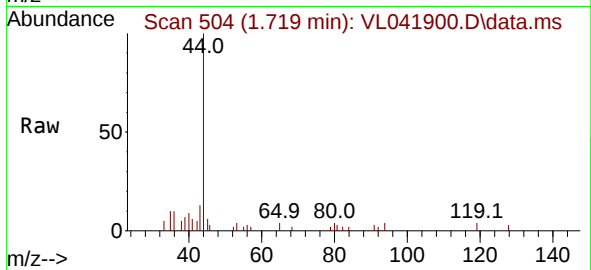




#13
Ethanol
Concen: 0.133 ppbv
RT: 1.719 min Scan# 506
Delta R.T. -0.006 min
Lab File: VL041900.D
Acq: 14 Jan 2025 20:07

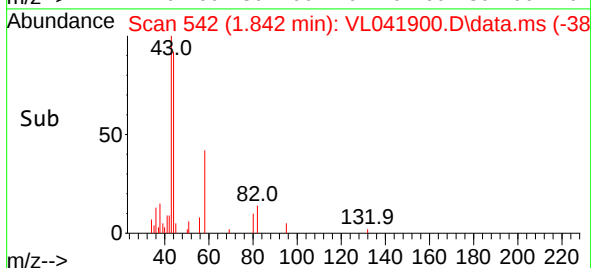
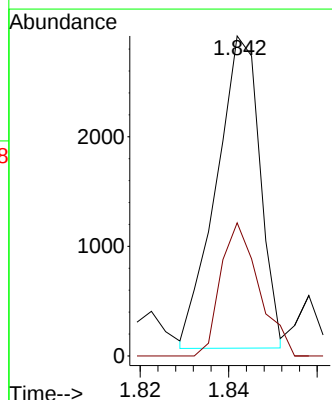
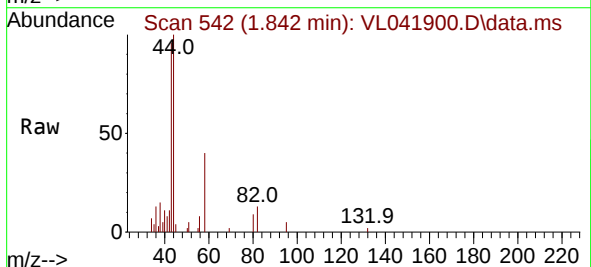
Instrument :
MSVOA_L
ClientSampleId :

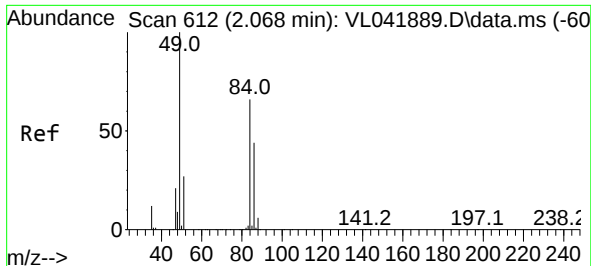
Tgt Ion: 45 Resp: 79
Ion Ratio Lower Upper
45 100
46 0.0 18.1 72.5#



#15
Acetone
Concen: 0.118 ppbv
RT: 1.842 min Scan# 542
Delta R.T. 0.000 min
Lab File: VL041900.D
Acq: 14 Jan 2025 20:07

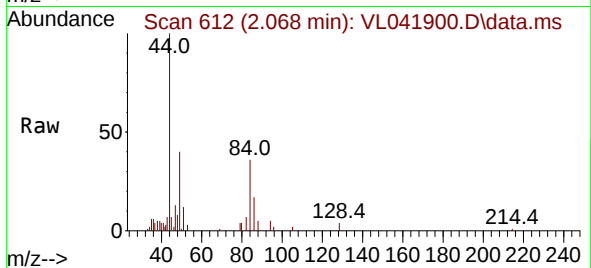
Tgt Ion: 43 Resp: 1956
Ion Ratio Lower Upper
43 100
58 37.3 21.9 32.9#



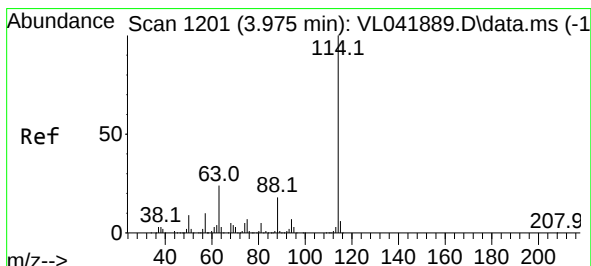
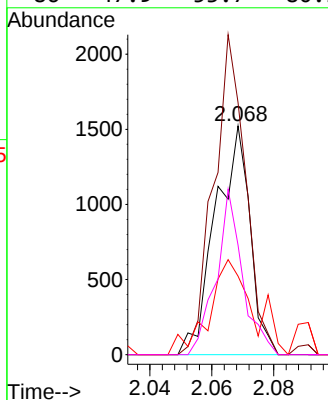
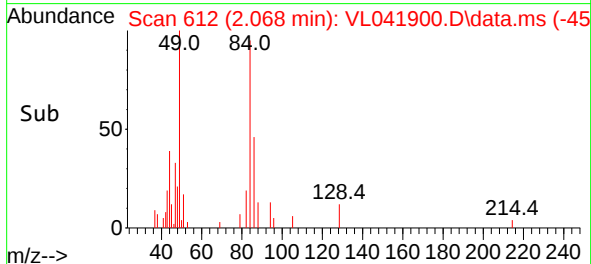


#20
Methylene Chloride
Concen: 0.179 ppbv
RT: 2.068 min Scan# 61
Delta R.T. 0.000 min
Lab File: VL041900.D
Acq: 14 Jan 2025 20:07

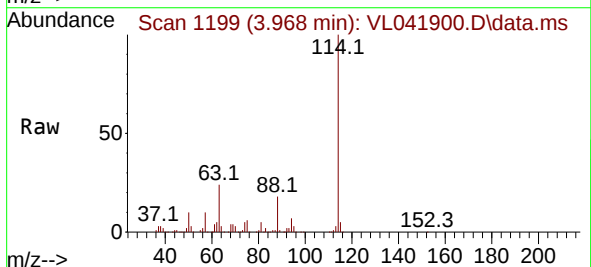
Instrument :
MSVOA_L
ClientSampleId :



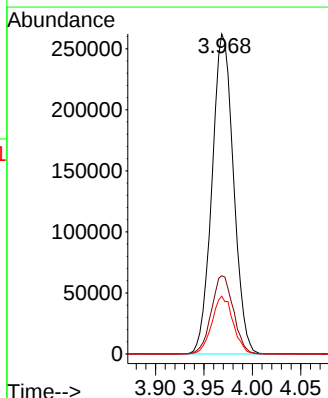
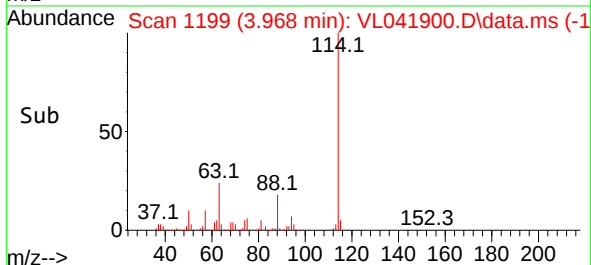
Tgt Ion: 84 Resp: 1176
Ion Ratio Lower Upper
84 100
49 110.2 123.1 184.7#
51 29.4 35.8 53.8#
86 47.9 53.7 80.5#

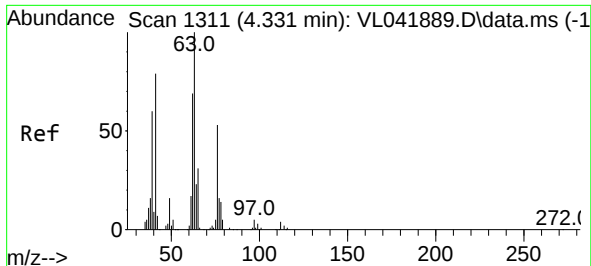


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.968 min Scan# 1199
Delta R.T. -0.006 min
Lab File: VL041900.D
Acq: 14 Jan 2025 20:07



Tgt Ion: 114 Resp: 405099
Ion Ratio Lower Upper
114 100
63 25.0 19.8 29.6
88 17.8 14.4 21.6





#39

1,2-Dichloropropane

Concen: 7.763 ppbv

RT: 3.968 min Scan# 1199

Delta R.T. -0.362 min

Lab File: VL041900.D

Acq: 14 Jan 2025 20:07

Instrument :

MSVOA_L

ClientSampleId :

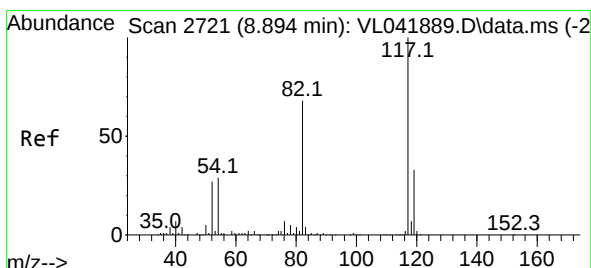
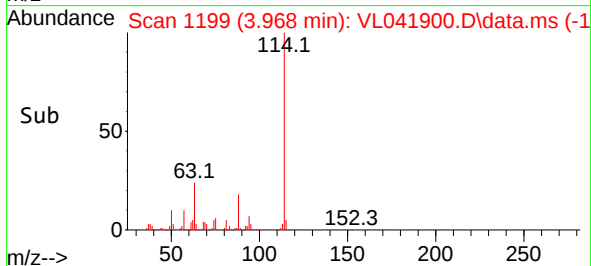
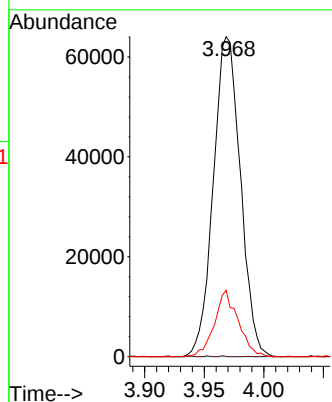
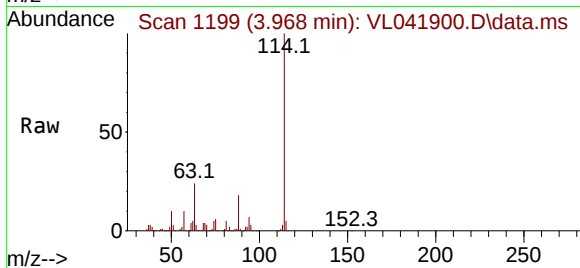
Tgt Ion: 63 Resp: 101178

Ion Ratio Lower Upper

63 100

41 0.1 63.7 95.5#

62 20.7 55.4 83.2#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.891 min Scan# 2720

Delta R.T. -0.003 min

Lab File: VL041900.D

Acq: 14 Jan 2025 20:07

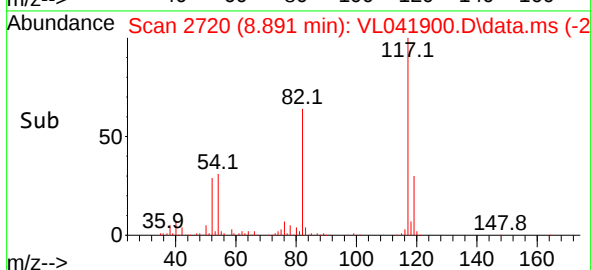
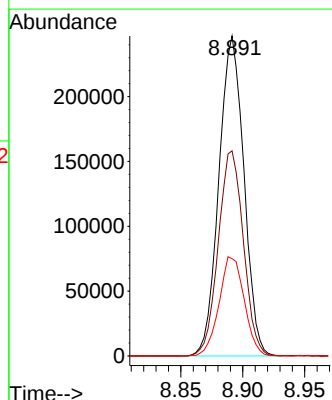
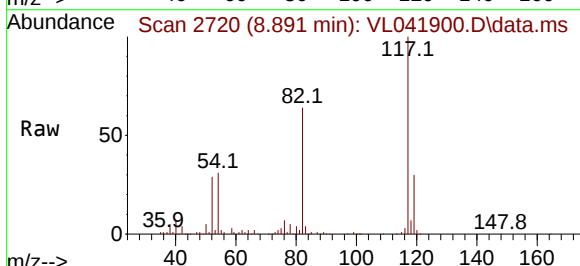
Tgt Ion: 117 Resp: 347425

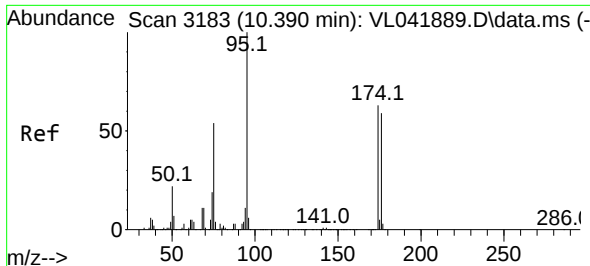
Ion Ratio Lower Upper

117 100

82 64.4 54.2 81.4

119 31.4 25.0 37.6

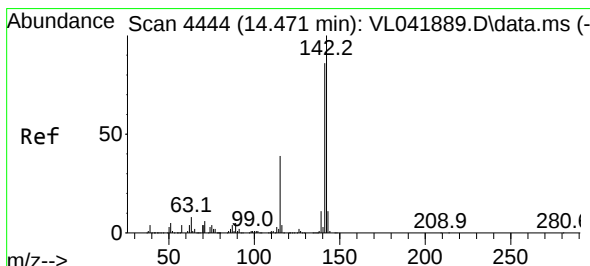
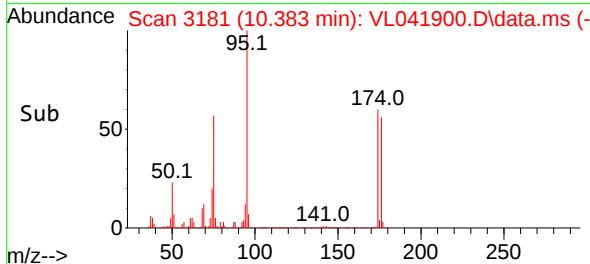
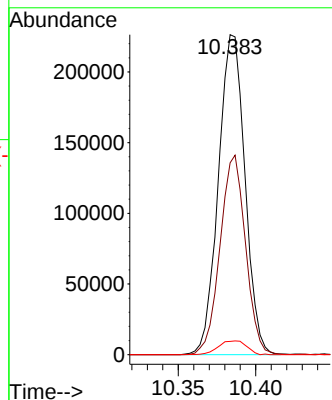
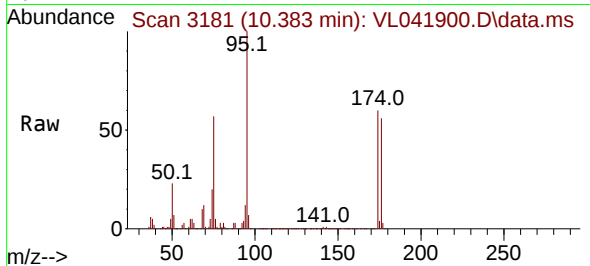




#68
1-Bromo-4-Fluorobenzene
Concen: 9.871 ppbv
RT: 10.383 min Scan# 3183
Delta R.T. -0.006 min
Lab File: VL041900.D
Acq: 14 Jan 2025 20:07

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 95 Resp: 270122
Ion Ratio Lower Upper
95 100
174 59.8 49.0 73.4
175 4.6 3.8 5.8



#80
Naphthalene,2-methyl-
Concen: 0.026 ppbv
RT: 14.465 min Scan# 4442
Delta R.T. -0.006 min
Lab File: VL041900.D
Acq: 14 Jan 2025 20:07

Tgt Ion:142 Resp: 605
Ion Ratio Lower Upper
142 100
141 107.1 68.1 102.1#
115 49.4 31.7 47.5#

