

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101024\
 Data File : VL041657.D
 Acq On : 11 Oct 2024 00:37
 Operator : SY/MD
 Sample : P4368-14 0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Oct 11 05:48:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Sep 17 09:12:21 2024
 Response via : Initial Calibration

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

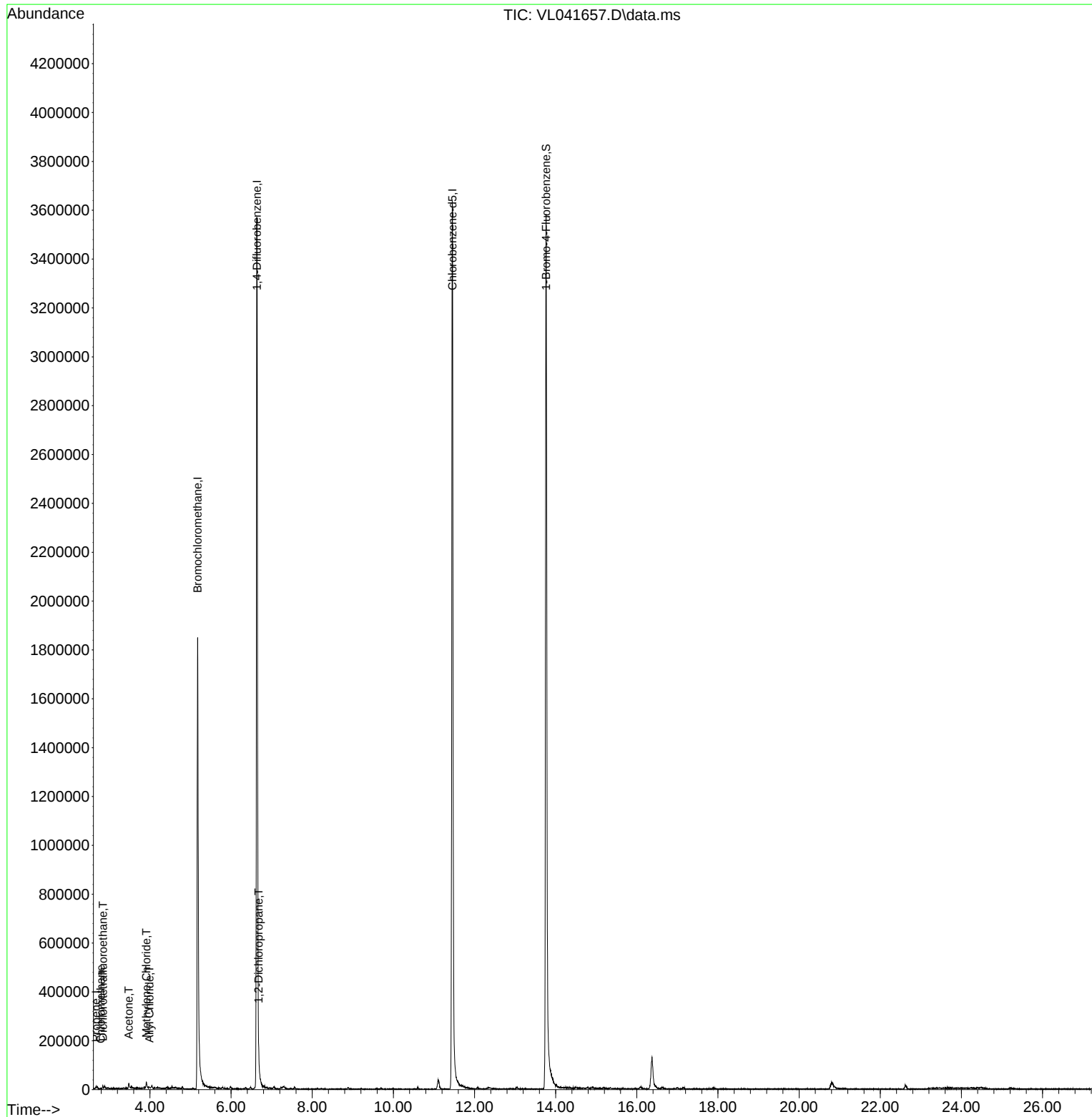
Internal Standards						
1) Bromochloromethane	5.176	49	993979	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.635	114	2654143	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.452	117	2377570	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.764	95	1714387	9.795	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.000%
Target Compounds						
					Qvalue	
4) Chloromethane	2.793	50	2479	0.037	ppbv #	66
8) Dichlorotetrafluoroethane	2.838	85	4591	0.030	ppbv	91
9) Propene	2.671	41	1944	0.038	ppbv #	15
15) Acetone	3.478	43	23412	0.188	ppbv	90
20) Methylene Chloride	3.912	84	6774	0.144	ppbv #	75
21) Allyl Chloride	3.986	41	2297	0.032	ppbv #	52
39) 1,2-Dichloropropane	6.680	63	9504	0.127	ppbv #	27

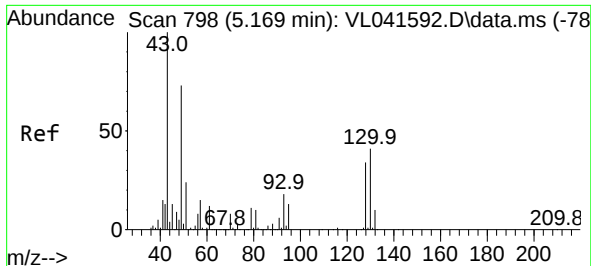
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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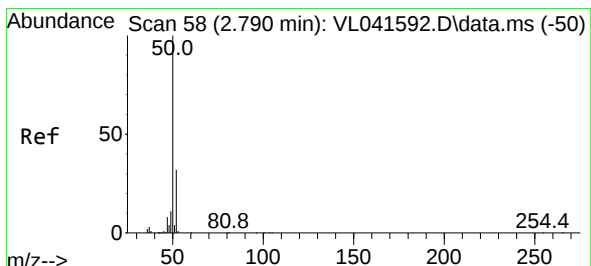
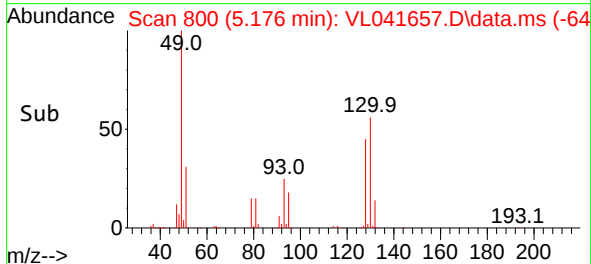
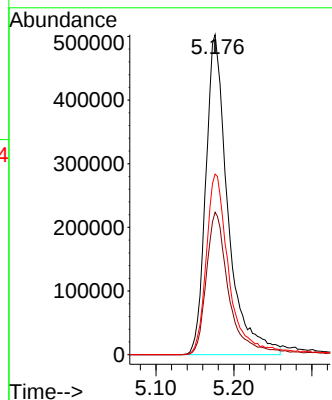
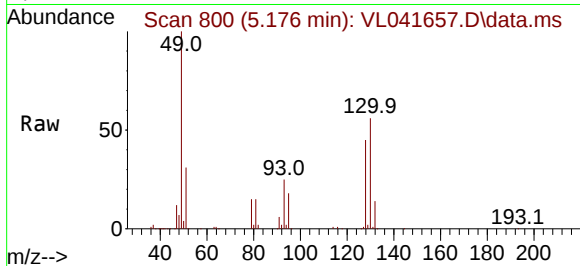




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.176 min Scan# 80
 Delta R.T. 0.007 min
 Lab File: VL041657.D
 Acq: 11 Oct 2024 00:37

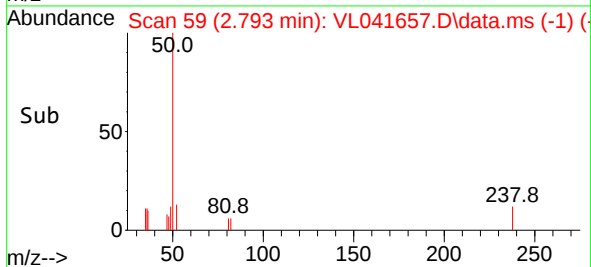
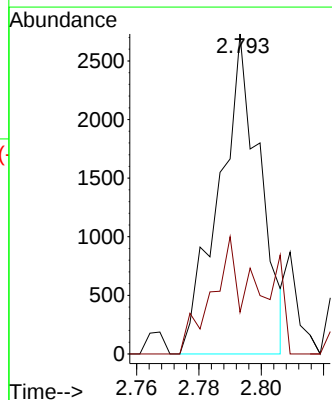
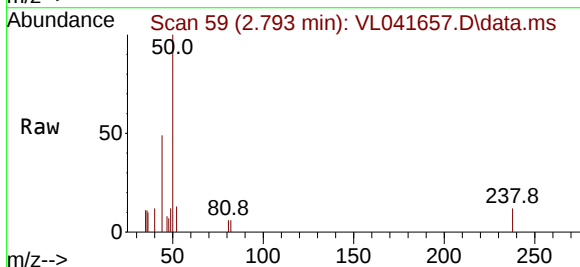
Instrument :
 MSVOA_L
 ClientSampleId :

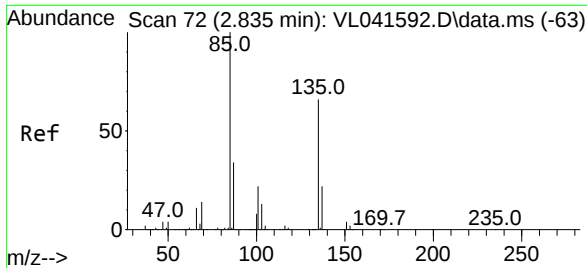
Tgt Ion: 49 Resp: 993979
 Ion Ratio Lower Upper
 49 100
 128 46.6 23.8 71.5
 130 60.4 30.4 91.3



#4
 Chloromethane
 Concen: 0.037 ppbv
 RT: 2.793 min Scan# 59
 Delta R.T. 0.003 min
 Lab File: VL041657.D
 Acq: 11 Oct 2024 00:37

Tgt Ion: 50 Resp: 2479
 Ion Ratio Lower Upper
 50 100
 52 13.0 25.4 38.2#

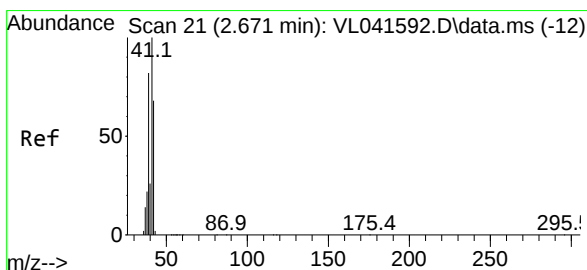
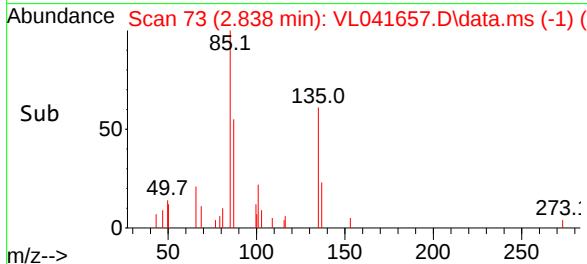
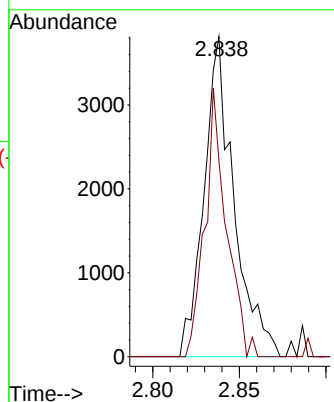
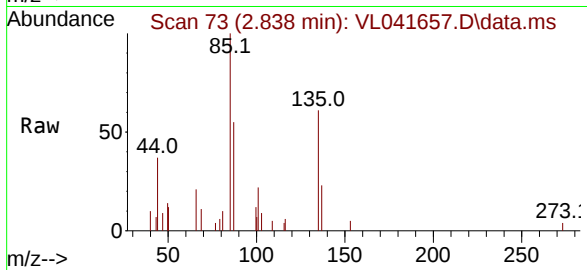




#8
Dichlorotetrafluoroethane
Concen: 0.030 ppbv
RT: 2.838 min Scan# 71
Delta R.T. 0.003 min
Lab File: VL041657.D
Acq: 11 Oct 2024 00:37

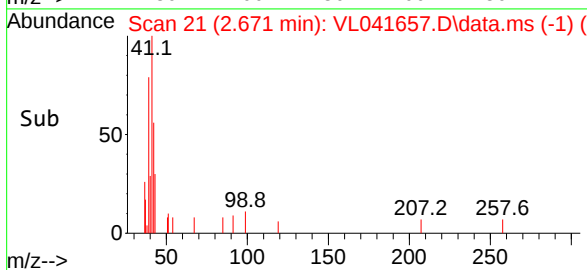
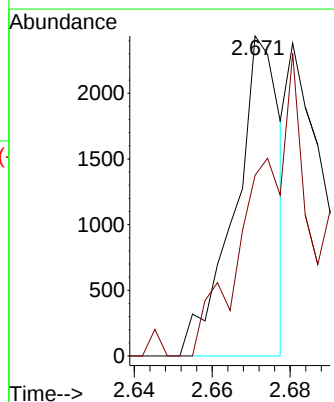
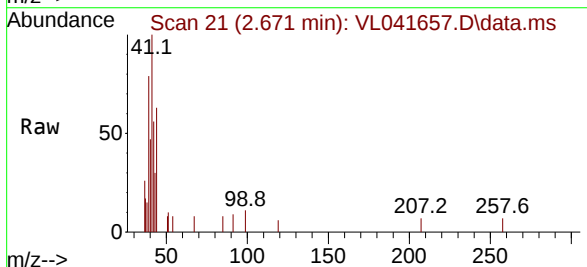
Instrument :
MSVOA_L
ClientSampleId :

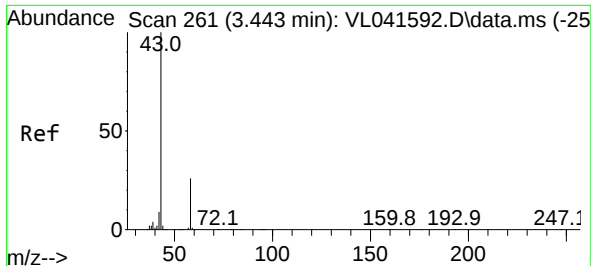
Tgt Ion: 85 Resp: 4591
Ion Ratio Lower Upper
85 100
135 59.9 53.9 80.9



#9
Propene
Concen: 0.038 ppbv
RT: 2.671 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041657.D
Acq: 11 Oct 2024 00:37

Tgt Ion: 41 Resp: 1944
Ion Ratio Lower Upper
41 100
42 0.0 55.2 82.8

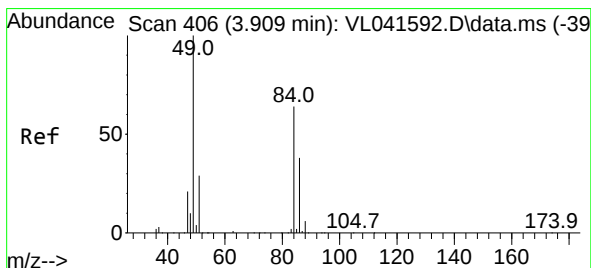
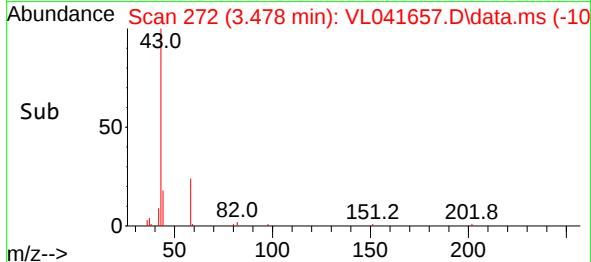
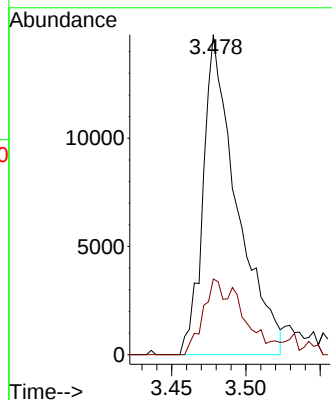
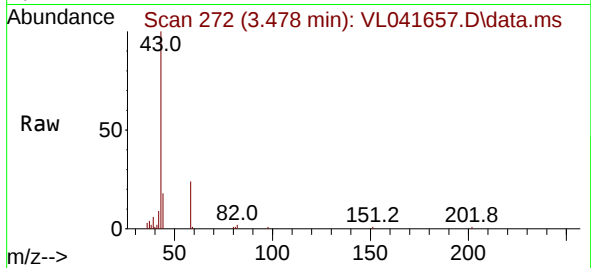




#15
Acetone
Concen: 0.188 ppbv
RT: 3.478 min Scan# 21
Delta R.T. 0.035 min
Lab File: VL041657.D
Acq: 11 Oct 2024 00:37

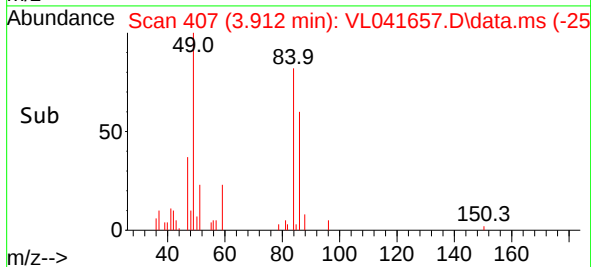
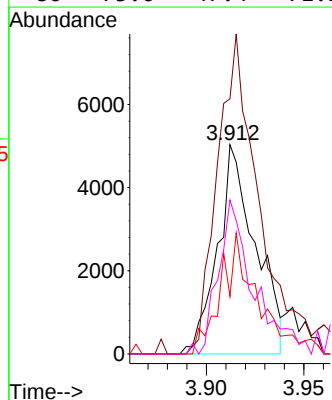
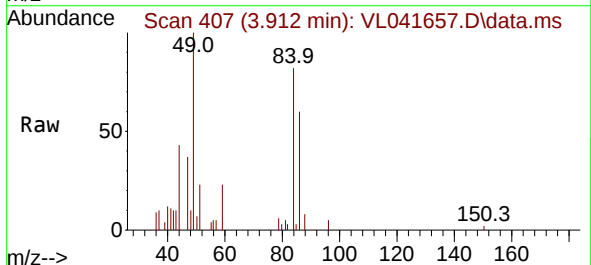
Instrument :
MSVOA_L
ClientSampleId :

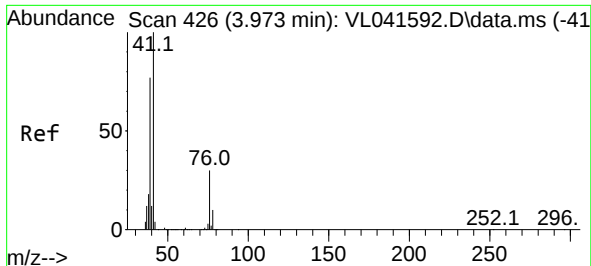
Tgt Ion: 43 Resp: 23412
Ion Ratio Lower Upper
43 100
58 32.1 21.5 32.3



#20
Methylene Chloride
Concen: 0.144 ppbv
RT: 3.912 min Scan# 407
Delta R.T. 0.003 min
Lab File: VL041657.D
Acq: 11 Oct 2024 00:37

Tgt Ion: 84 Resp: 6774
Ion Ratio Lower Upper
84 100
49 121.9 124.3 186.5#
51 27.5 36.3 54.5#
86 73.6 47.4 71.2#





#21

Allyl Chloride

Concen: 0.032 ppbv

RT: 3.986 min Scan# 41

Delta R.T. 0.013 min

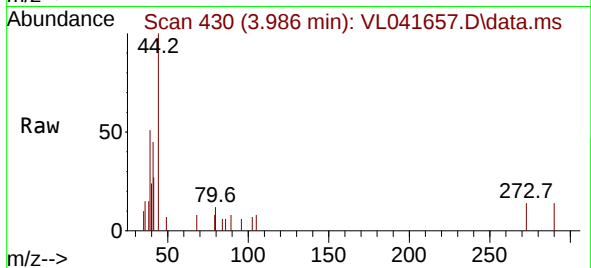
Lab File: VL041657.D

Acq: 11 Oct 2024 00:37

Instrument :

MSVOA_L

ClientSampleId :



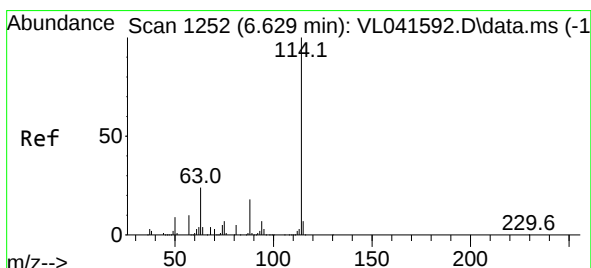
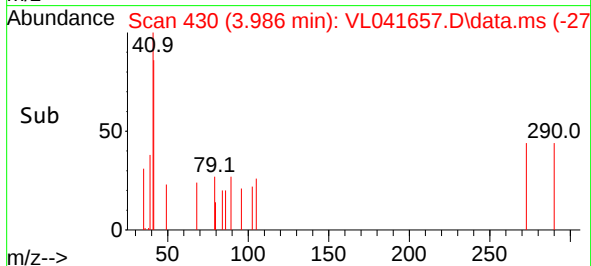
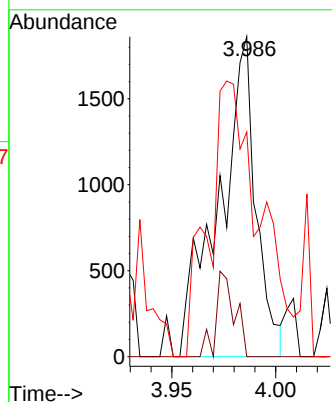
Tgt Ion: 41 Resp: 2297

Ion Ratio Lower Upper

41 100

76 13.5 23.8 35.6#

39 127.8 63.9 95.9#



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.635 min Scan# 1254

Delta R.T. 0.007 min

Lab File: VL041657.D

Acq: 11 Oct 2024 00:37

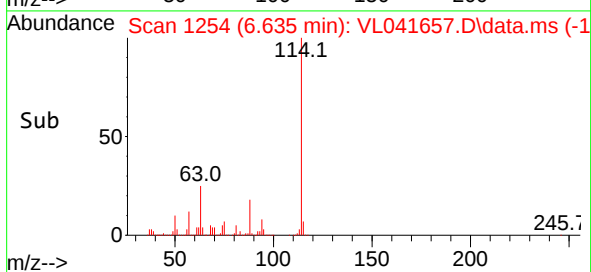
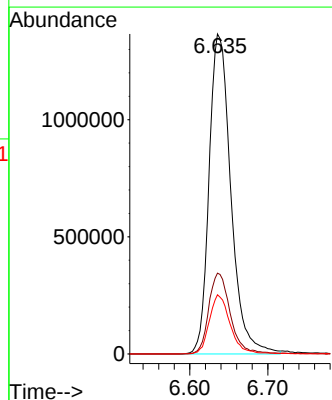
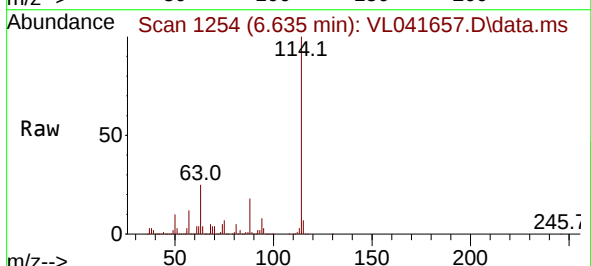
Tgt Ion: 114 Resp: 2654143

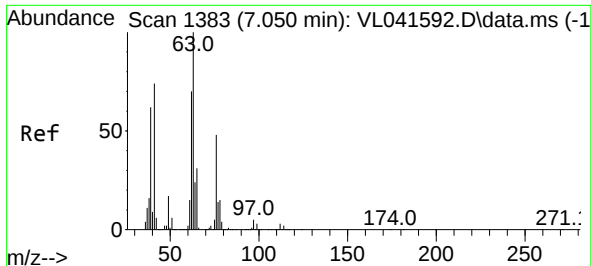
Ion Ratio Lower Upper

114 100

63 25.2 20.2 30.2

88 17.8 14.2 21.4





#39

1,2-Dichloropropane

Concen: 0.127 ppbv

RT: 6.680 min Scan# 11

Delta R.T. -0.370 min

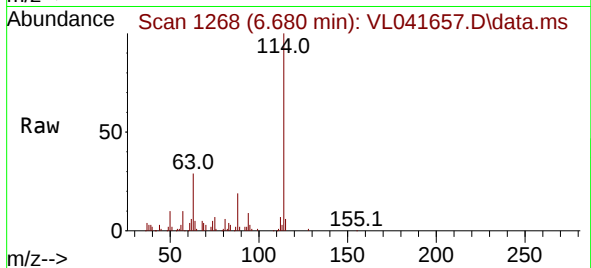
Lab File: VL041657.D

Acq: 11 Oct 2024 00:37

Instrument :

MSVOA_L

ClientSampleId :



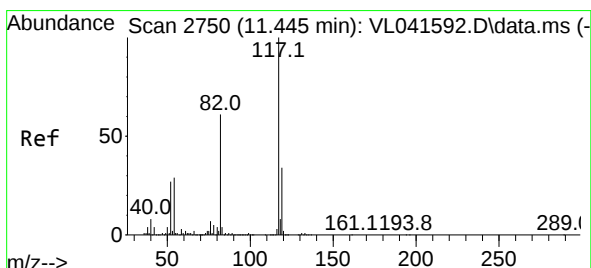
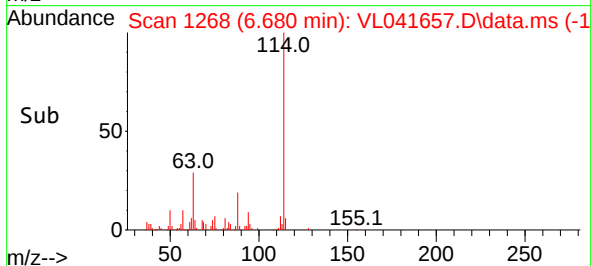
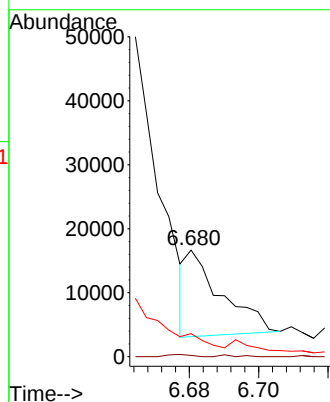
Tgt Ion: 63 Resp: 9504

Ion Ratio Lower Upper

63 100

41 1.6 59.5 89.3#

62 20.9 56.2 84.2#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.452 min Scan# 2752

Delta R.T. 0.007 min

Lab File: VL041657.D

Acq: 11 Oct 2024 00:37

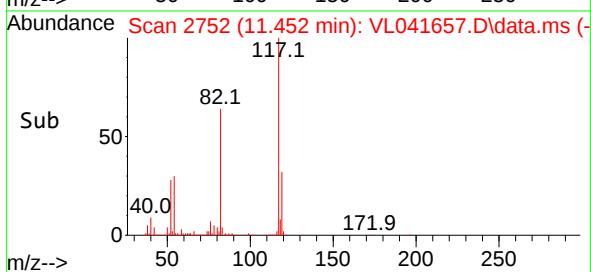
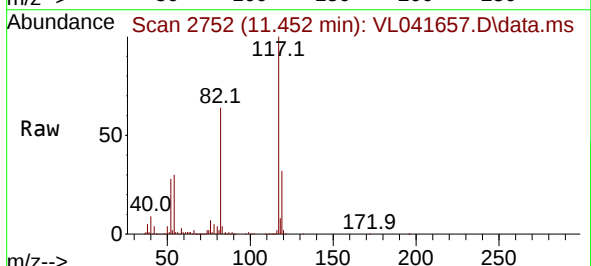
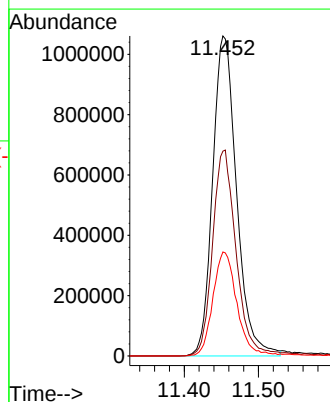
Tgt Ion: 117 Resp: 2377570

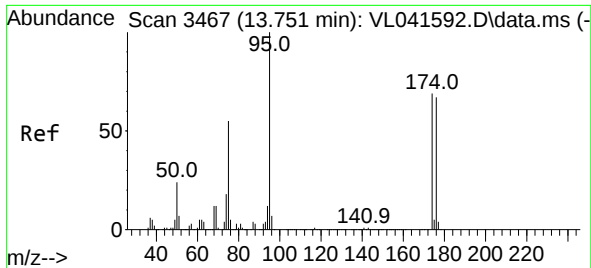
Ion Ratio Lower Upper

117 100

82 64.5 49.4 74.2

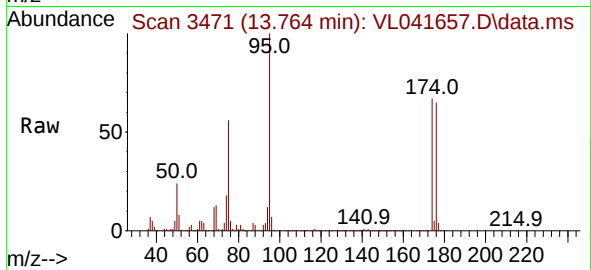
119 32.9 24.4 36.6





#68
1-Bromo-4-Fluorobenzene
Concen: 9.795 ppbv
RT: 13.764 min Scan# 3467
Delta R.T. 0.013 min
Lab File: VL041657.D
Acq: 11 Oct 2024 00:37

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 95 Resp: 1714387
Ion Ratio Lower Upper
95 100
174 73.0 55.8 83.8
175 5.2 4.1 6.1

