

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080824\
 Data File : VL041507.D
 Acq On : 8 Aug 2024 10:59
 Operator : SY/MD
 Sample : CAN 10596
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Aug 09 05:53:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Aug 06 01:32:58 2024
 Response via : Initial Calibration

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

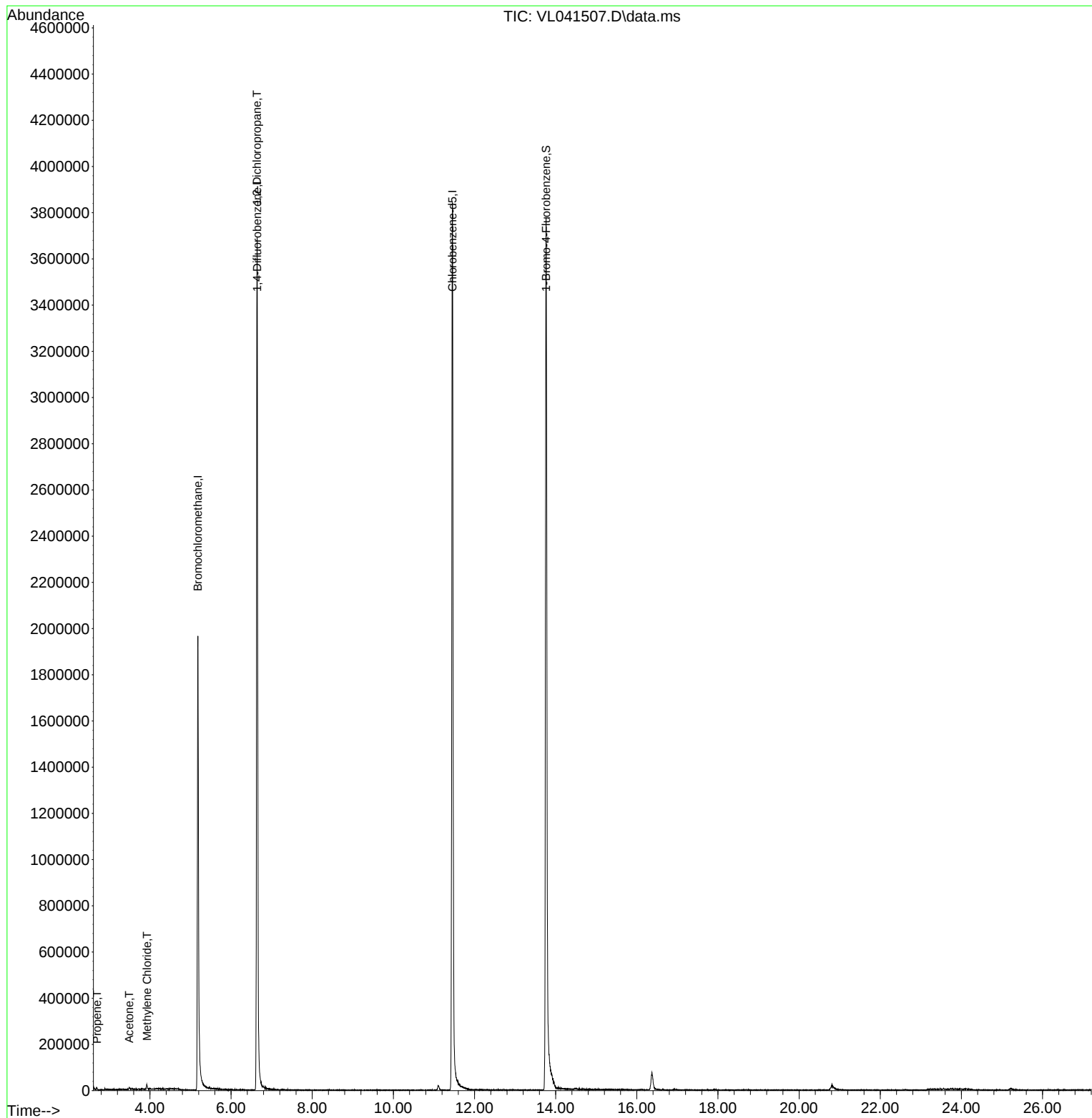
Internal Standards						
1) Bromochloromethane	5.182	49	1065917	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	2843077	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.455	117	2602526	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.764	95	1948907	9.731	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.300%
Target Compounds						
					Qvalue	
9) Propene	2.697	41	2417	0.041	ppbv #	15
15) Acetone	3.491	43	7211	0.060	ppbv #	74
20) Methylene Chloride	3.928	84	2516	0.056	ppbv	96
39) 1,2-Dichloropropane	6.639	63	711324	8.944	ppbv #	25

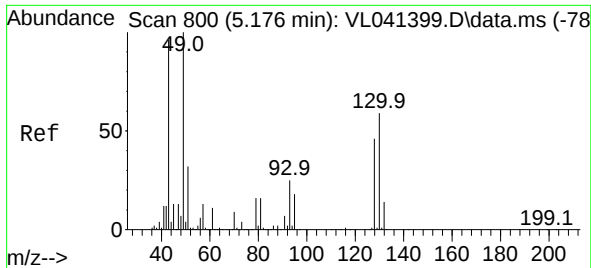
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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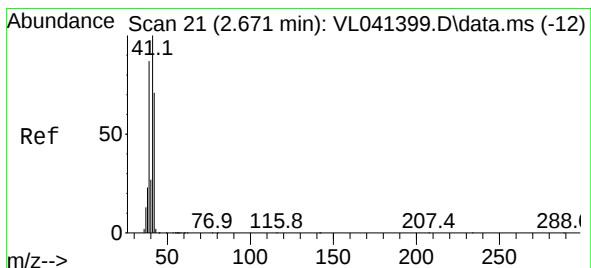
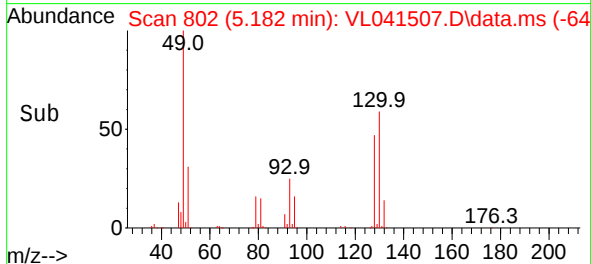
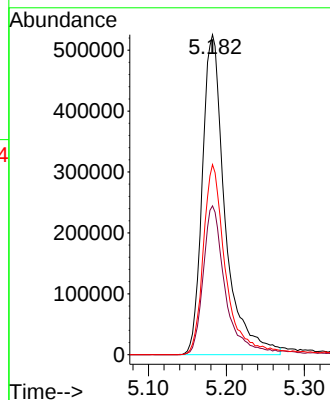
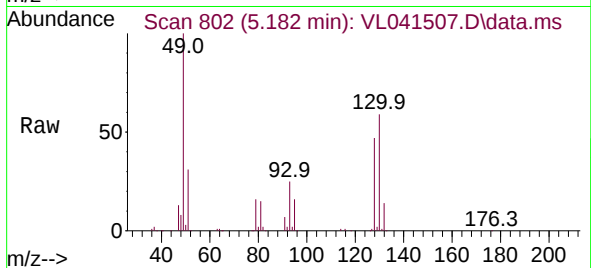




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.182 min Scan# 80
Delta R.T. -0.007 min
Lab File: VL041507.D
Acq: 8 Aug 2024 10:59

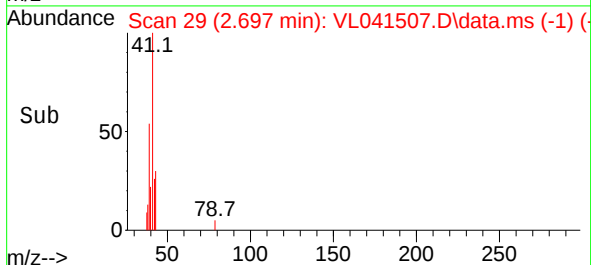
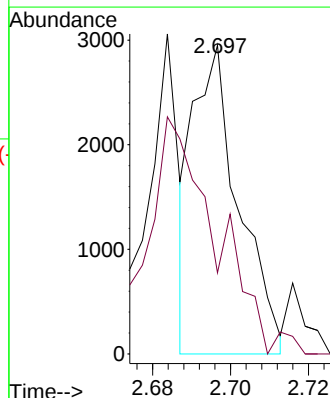
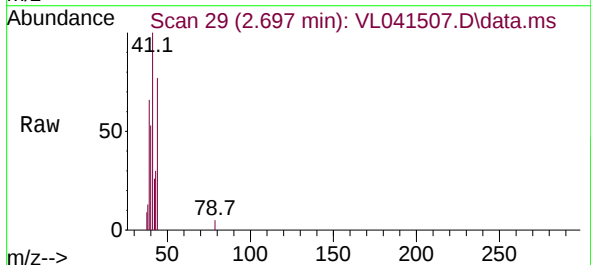
Instrument :
MSVOA_L
ClientSampleId :

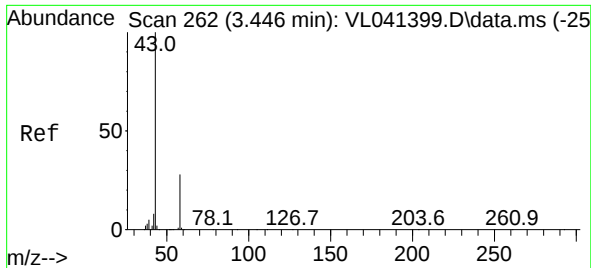
Tgt Ion: 49 Resp: 1065917
Ion Ratio Lower Upper
49 100
128 47.1 23.8 71.4
130 60.9 30.8 92.4



#9
Propene
Concen: 0.041 ppbv
RT: 2.697 min Scan# 29
Delta R.T. 0.000 min
Lab File: VL041507.D
Acq: 8 Aug 2024 10:59

Tgt Ion: 41 Resp: 2417
Ion Ratio Lower Upper
41 100
42 0.0 55.9 83.9#





#15

Acetone

Concen: 0.060 ppbv

RT: 3.491 min Scan# 21

Delta R.T. 0.023 min

Lab File: VL041507.D

Acq: 8 Aug 2024 10:59

Instrument :

MSVOA_L

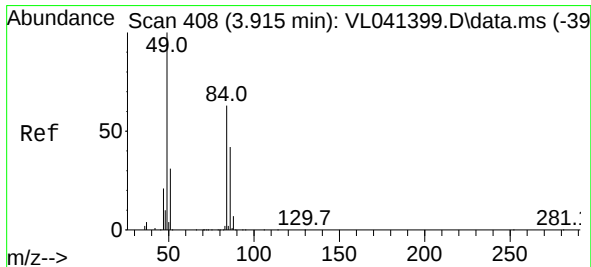
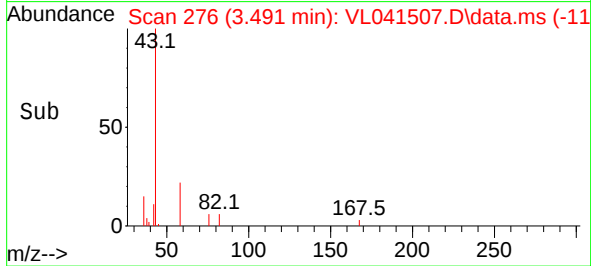
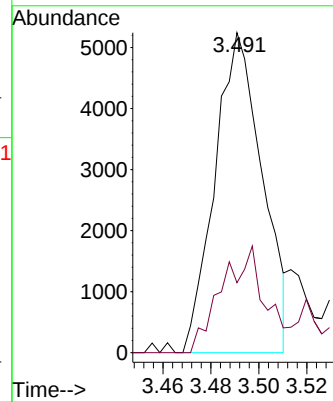
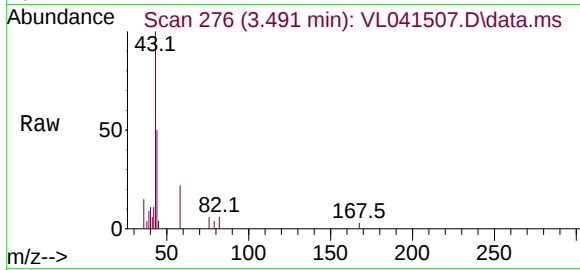
ClientSampleId :

Tgt Ion: 43 Resp: 7211

Ion Ratio Lower Upper

43 100

58 40.4 21.4 32.2#



#20

Methylene Chloride

Concen: 0.056 ppbv

RT: 3.928 min Scan# 412

Delta R.T. -0.003 min

Lab File: VL041507.D

Acq: 8 Aug 2024 10:59

Tgt Ion: 84 Resp: 2516

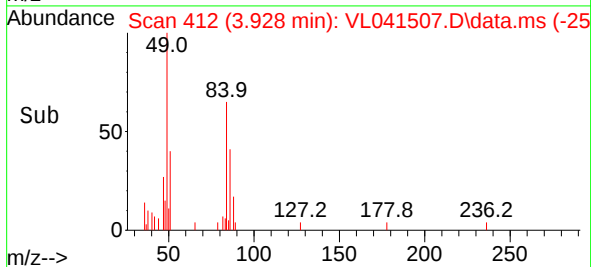
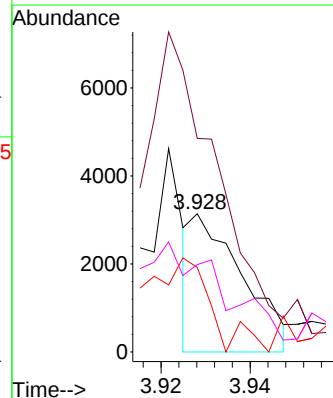
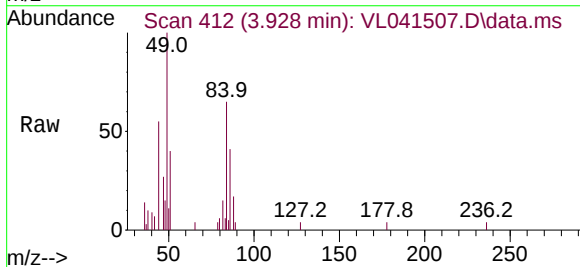
Ion Ratio Lower Upper

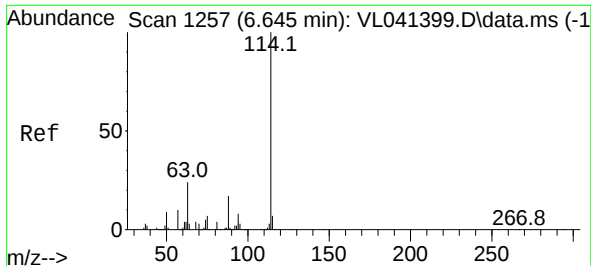
84 100

49 162.4 126.6 190.0

51 43.9 38.6 58.0

86 68.2 53.0 79.4





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.642 min Scan# 11

Delta R.T. -0.006 min

Lab File: VL041507.D

Acq: 8 Aug 2024 10:59

Instrument :

MSVOA_L

ClientSampleId :

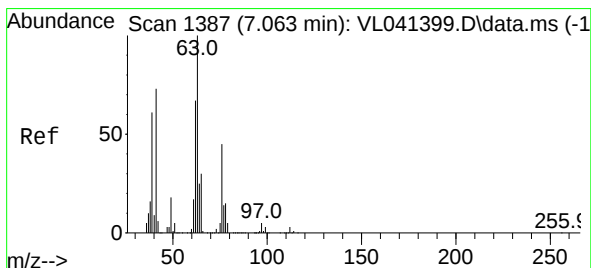
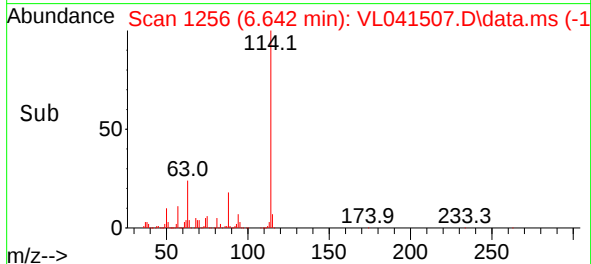
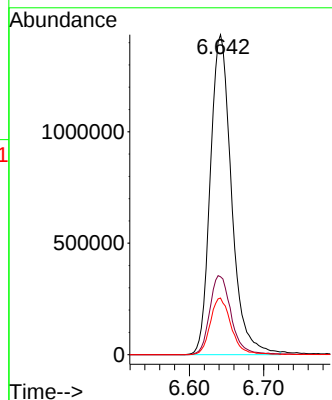
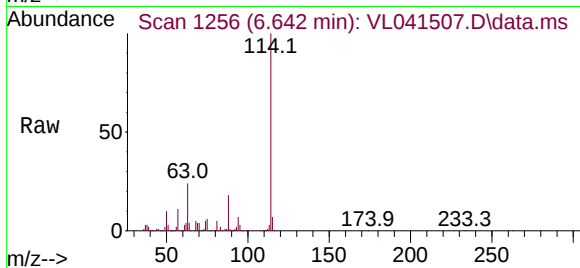
Tgt Ion:114 Resp: 2843077

Ion Ratio Lower Upper

114 100

63 25.2 20.3 30.5

88 17.6 14.3 21.5



#39

1,2-Dichloropropane

Concen: 8.944 ppbv

RT: 6.639 min Scan# 1255

Delta R.T. -0.431 min

Lab File: VL041507.D

Acq: 8 Aug 2024 10:59

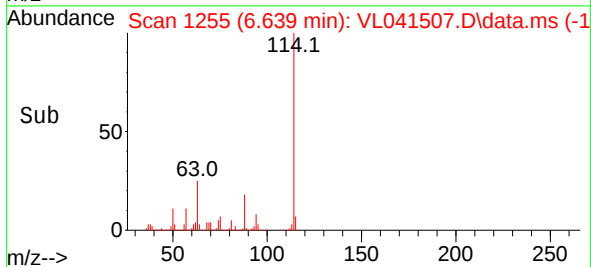
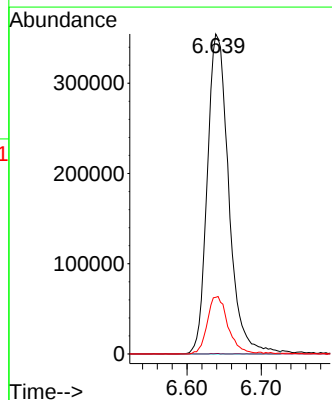
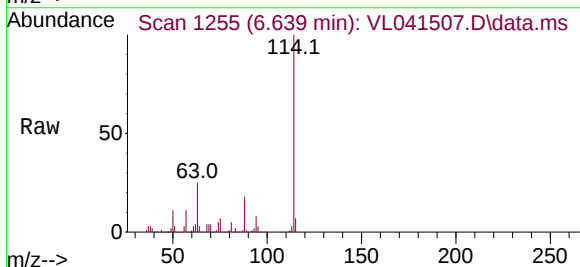
Tgt Ion: 63 Resp: 711324

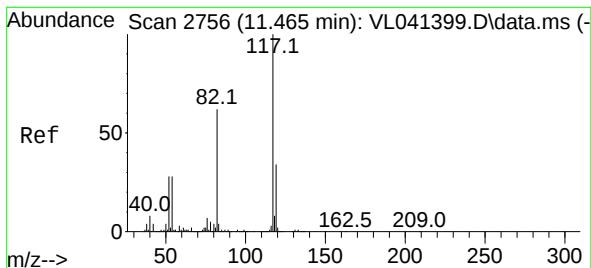
Ion Ratio Lower Upper

63 100

41 0.1 58.3 87.5#

62 17.7 53.9 80.9#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.455 min Scan# 21

Delta R.T. -0.006 min

Lab File: VL041507.D

Acq: 8 Aug 2024 10:59

Instrument :

MSVOA_L

ClientSampleId :

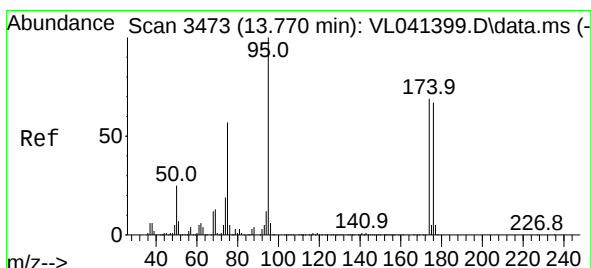
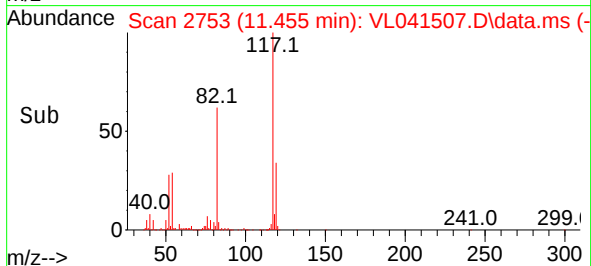
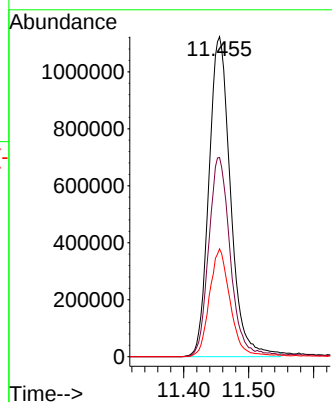
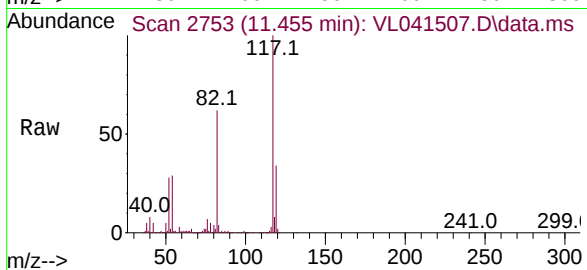
Tgt Ion:117 Resp: 2602526

Ion Ratio Lower Upper

117 100

82 63.5 51.0 76.6

119 33.1 45.2 67.8#



#68

1-Bromo-4-Fluorobenzene

Concen: 9.731 ppbv

RT: 13.764 min Scan# 3471

Delta R.T. -0.003 min

Lab File: VL041507.D

Acq: 8 Aug 2024 10:59

Tgt Ion: 95 Resp: 1948907

Ion Ratio Lower Upper

95 100

174 72.0 56.3 84.5

175 5.5 4.0 6.0

