

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101424\
 Data File : VL041666.D
 Acq On : 14 Oct 2024 13:40
 Operator : SY/MD
 Sample : CAN 10334
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Oct 15 02:41:20 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	5.201	49	972973	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	6.668	114	2586204	10.000	ppbv	0.04
55) Chlorobenzene-d5	11.487	117	2292601	10.000	ppbv	0.04

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.799	95	1699302	10.069	ppbv	0.05
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.700%

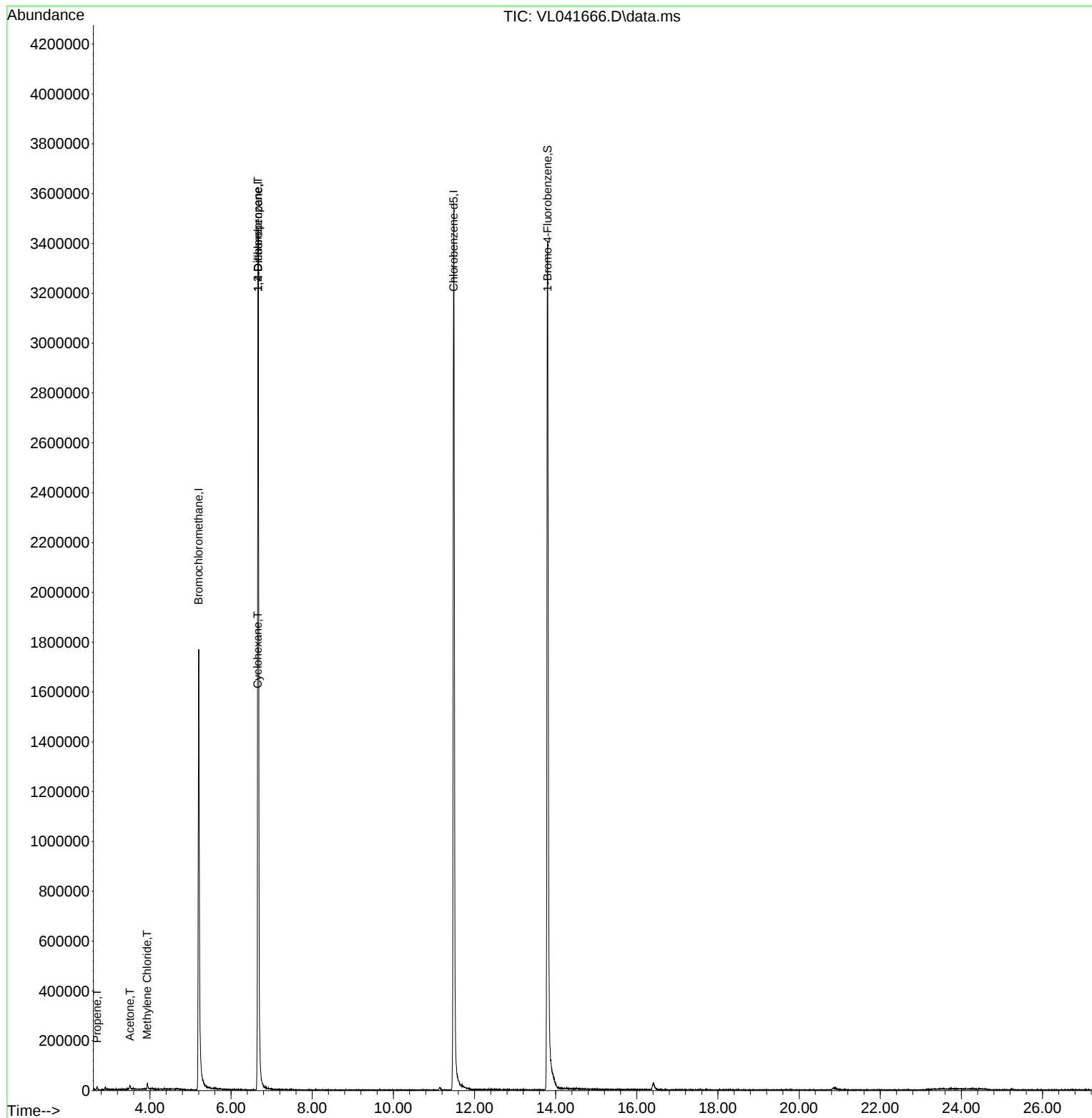
Target Compounds						Qvalue
9) Propene	2.693	41	3427	0.069	ppbv	94
15) Acetone	3.504	43	14003	0.115	ppbv #	79
20) Methylene Chloride	3.931	84	2705	0.059	ppbv #	78
30) Cyclohexane	6.651	84	2305	0.033	ppbv #	1
39) 1,2-Dichloropropane	6.664	63	646490	8.848	ppbv #	24

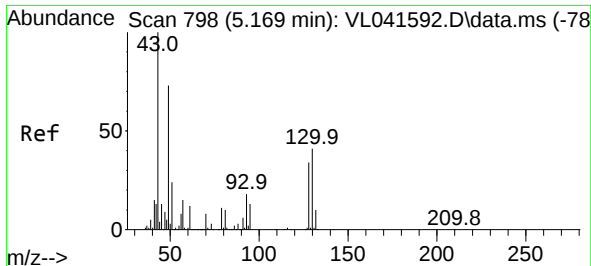
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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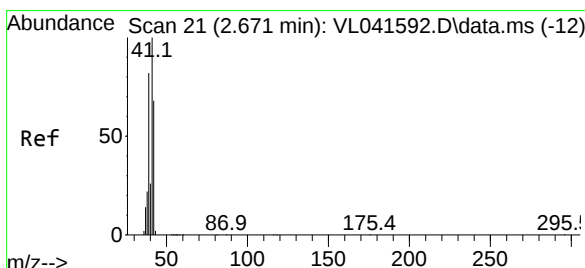
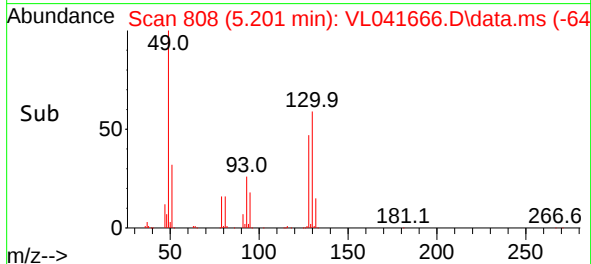
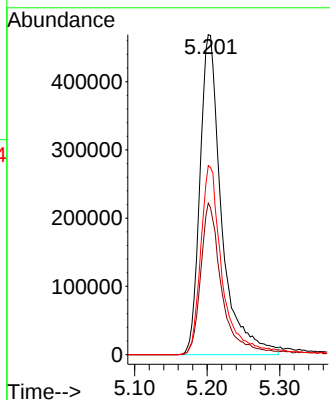
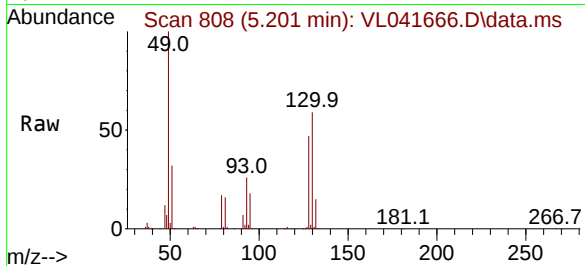




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.201 min Scan# 80
Delta R.T. 0.032 min
Lab File: VL041666.D
Acq: 14 Oct 2024 13:40

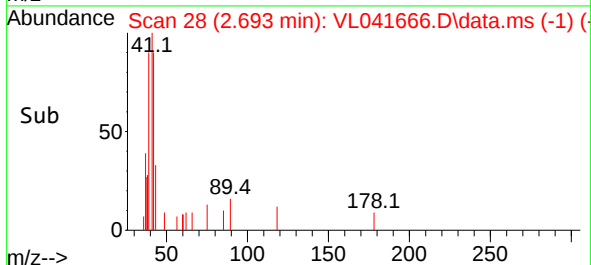
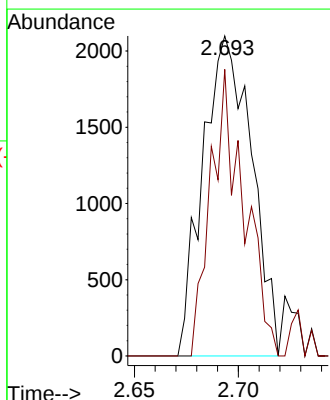
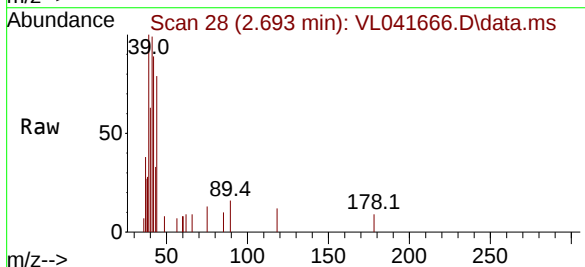
Instrument :
MSVOA_L
ClientSampleId :

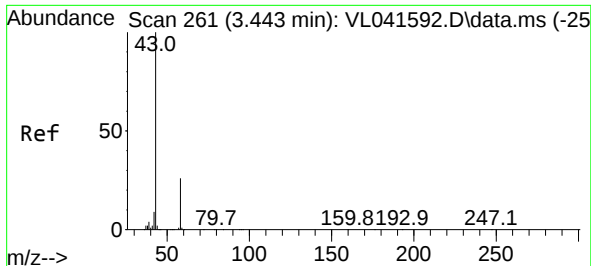
Tgt Ion: 49 Resp: 972973
Ion Ratio Lower Upper
49 100
128 47.3 23.8 71.5
130 60.7 30.4 91.3



#9
Propene
Concen: 0.069 ppbv
RT: 2.693 min Scan# 28
Delta R.T. 0.023 min
Lab File: VL041666.D
Acq: 14 Oct 2024 13:40

Tgt Ion: 41 Resp: 3427
Ion Ratio Lower Upper
41 100
42 63.9 55.2 82.8





#15

Acetone

Concen: 0.115 ppbv

RT: 3.504 min Scan# 21

Delta R.T. 0.061 min

Lab File: VL041666.D

Acq: 14 Oct 2024 13:40

Instrument :

MSVOA_L

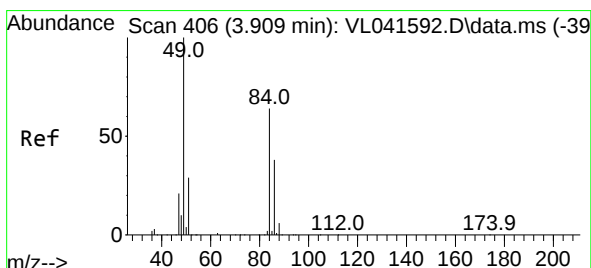
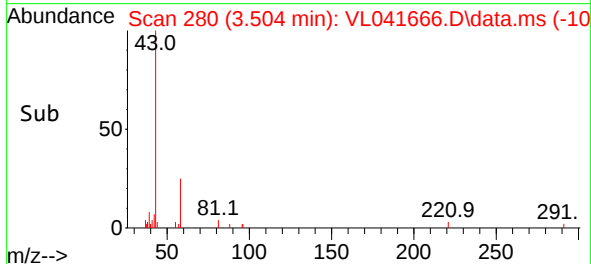
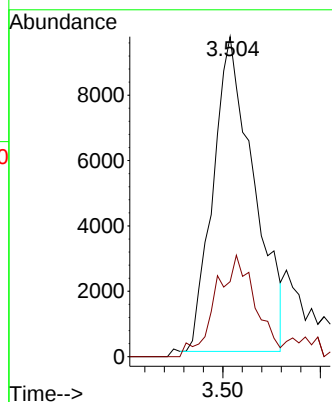
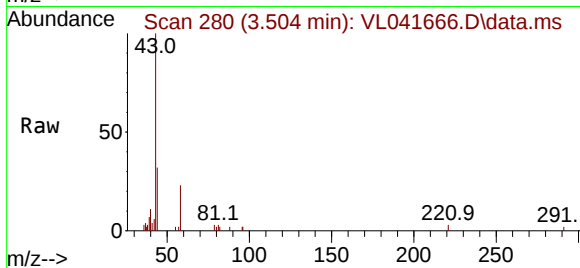
ClientSampleId :

Tgt Ion: 43 Resp: 14003

Ion Ratio Lower Upper

43 100

58 37.5 21.5 32.3#



#20

Methylene Chloride

Concen: 0.059 ppbv

RT: 3.931 min Scan# 413

Delta R.T. 0.023 min

Lab File: VL041666.D

Acq: 14 Oct 2024 13:40

Tgt Ion: 84 Resp: 2705

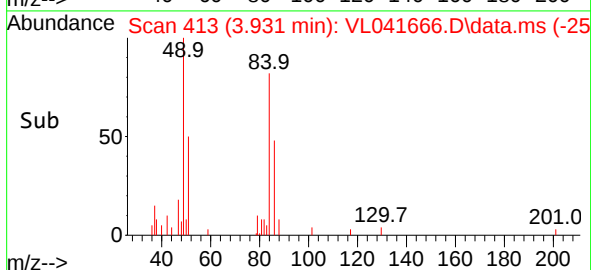
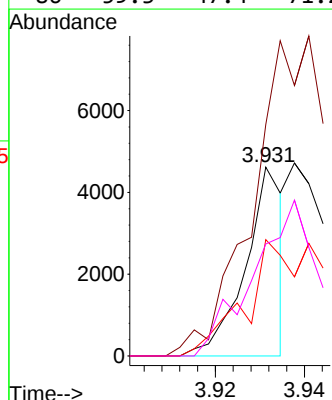
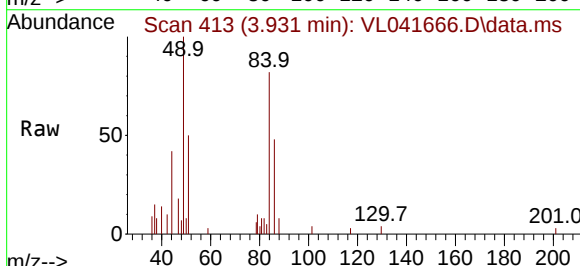
Ion Ratio Lower Upper

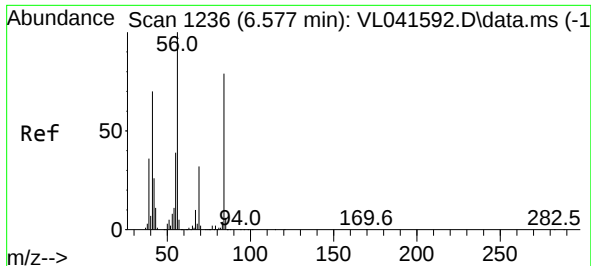
84 100

49 118.1 124.3 186.5#

51 61.6 36.3 54.5#

86 59.3 47.4 71.2

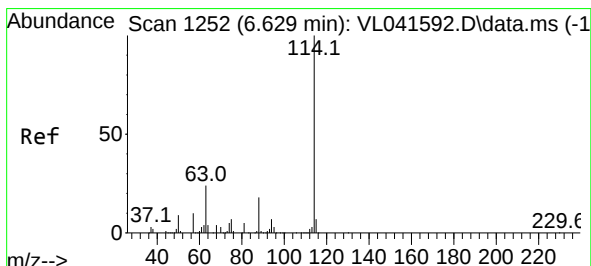
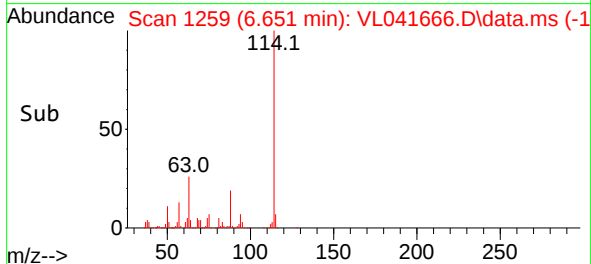
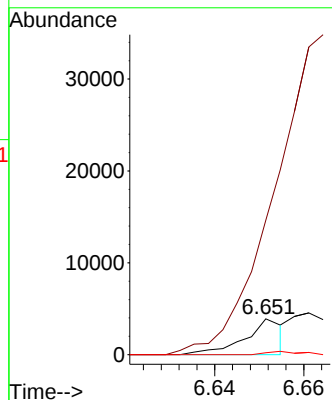
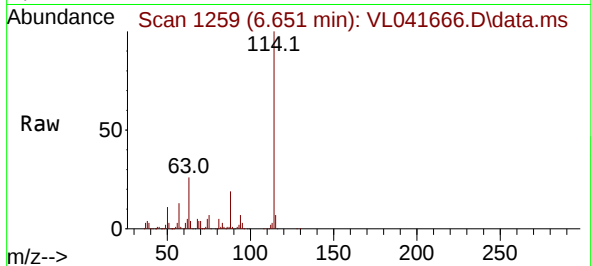




#30
Cyclohexane
Concen: 0.033 ppbv
RT: 6.651 min Scan# 11
Delta R.T. 0.074 min
Lab File: VL041666.D
Acq: 14 Oct 2024 13:40

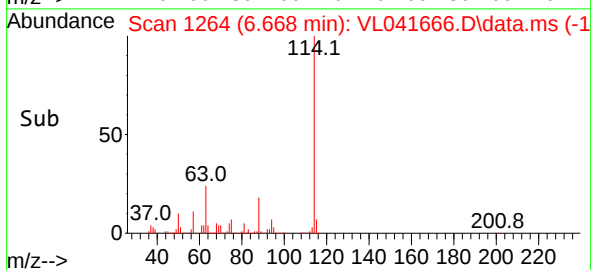
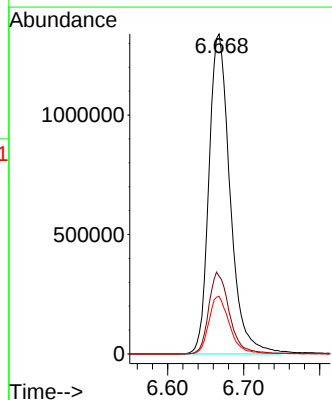
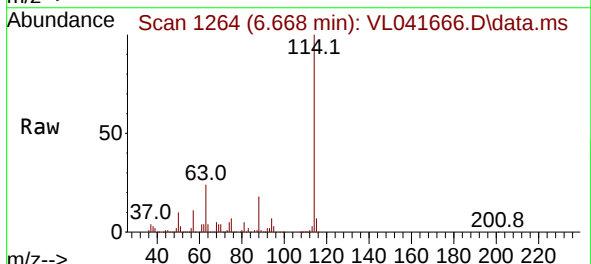
Instrument :
MSVOA_L
ClientSampleId :

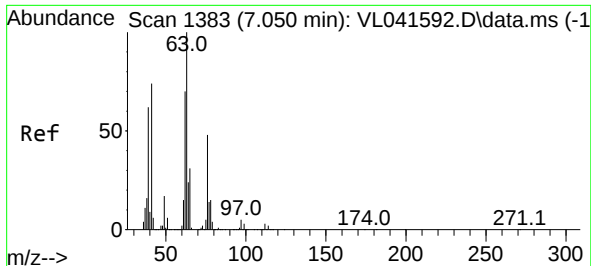
Tgt Ion: 84 Resp: 2305
Ion Ratio Lower Upper
84 100
56 0.0 111.5 167.3#
41 9.5 70.9 106.3#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.668 min Scan# 1264
Delta R.T. 0.039 min
Lab File: VL041666.D
Acq: 14 Oct 2024 13:40

Tgt Ion: 114 Resp: 2586204
Ion Ratio Lower Upper
114 100
63 25.3 20.2 30.2
88 17.8 14.2 21.4





#39

1,2-Dichloropropane

Concen: 8.848 ppbv

RT: 6.664 min Scan# 11

Delta R.T. -0.386 min

Lab File: VL041666.D

Acq: 14 Oct 2024 13:40

Instrument :

MSVOA_L

ClientSampleId :

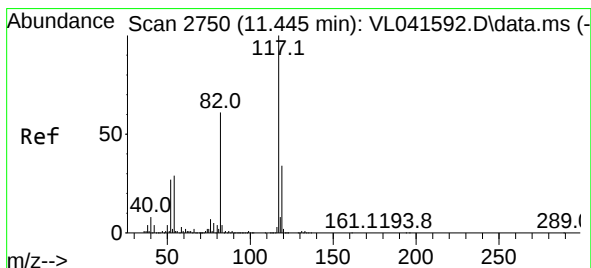
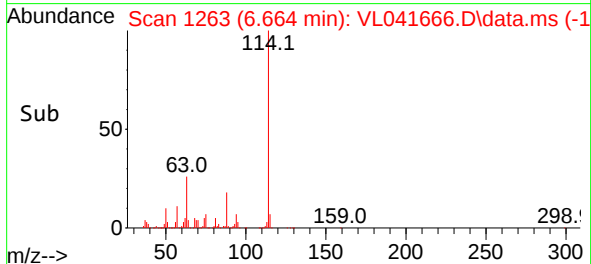
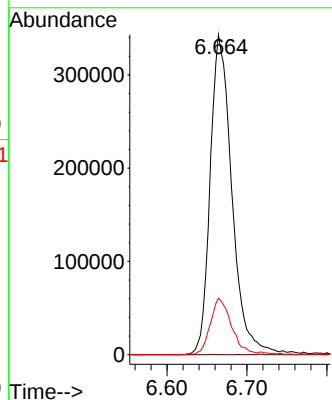
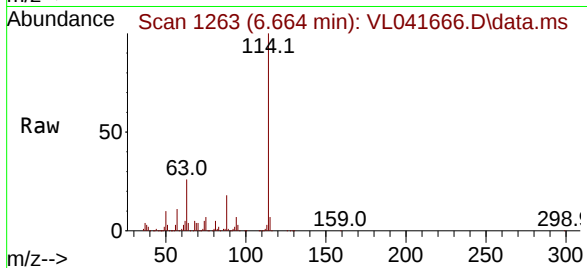
Tgt Ion: 63 Resp: 646490

Ion Ratio Lower Upper

63 100

41 0.0 59.5 89.3#

62 17.7 56.2 84.2#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.487 min Scan# 2763

Delta R.T. 0.042 min

Lab File: VL041666.D

Acq: 14 Oct 2024 13:40

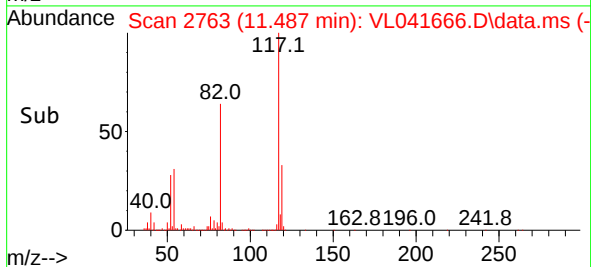
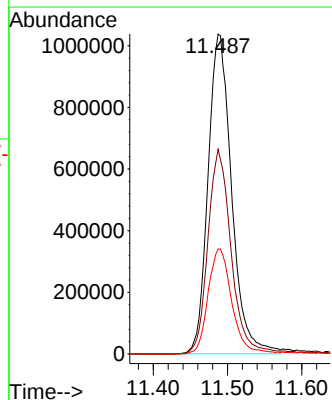
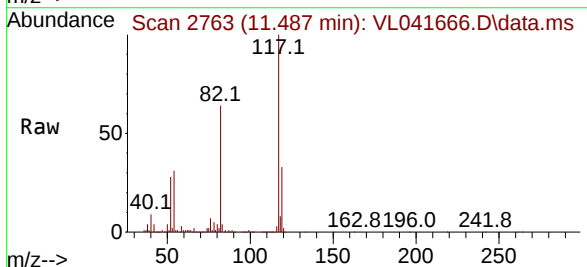
Tgt Ion: 117 Resp: 2292601

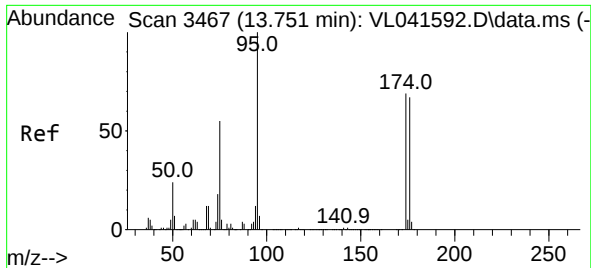
Ion Ratio Lower Upper

117 100

82 64.4 49.4 74.2

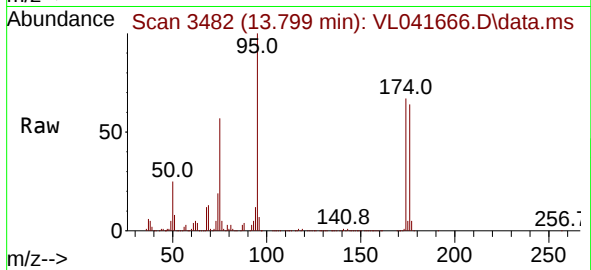
119 33.8 24.4 36.6





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.069 ppbv
 RT: 13.799 min Scan# 34
 Delta R.T. 0.048 min
 Lab File: VL041666.D
 Acq: 14 Oct 2024 13:40

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion: 95 Resp: 1699302

Ion	Ratio	Lower	Upper
95	100		
174	70.6	55.8	83.8
175	5.0	4.1	6.1

