

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101424\
 Data File : VL041665.D
 Acq On : 14 Oct 2024 13:00
 Operator : SY/MD
 Sample : CAN 10590
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Oct 15 02:41:03 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)

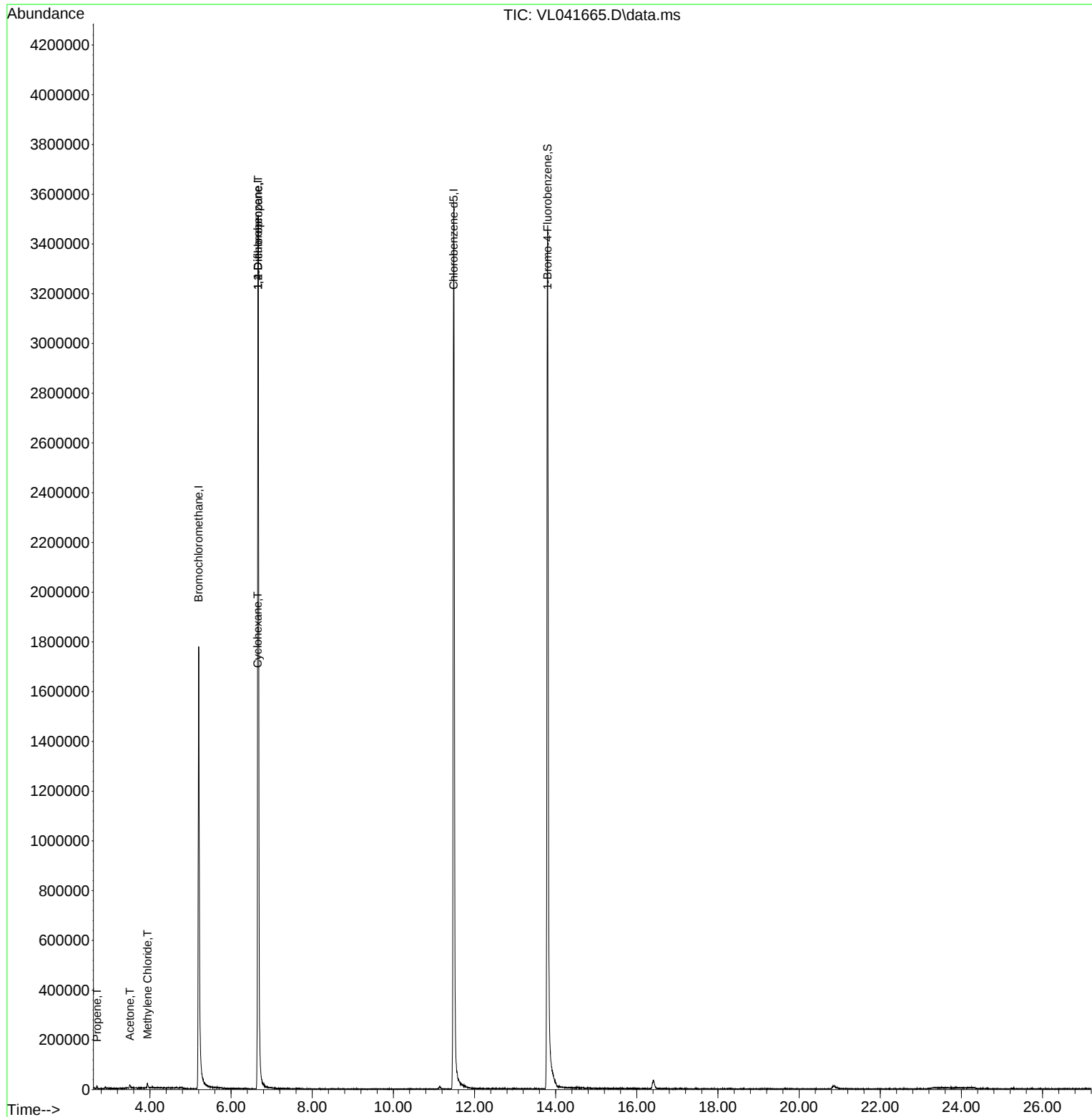
Internal Standards						
1) Bromochloromethane	5.201	49	956305	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	6.664	114	2625666	10.000	ppbv	0.04
55) Chlorobenzene-d5	11.487	117	2321026	10.000	ppbv	0.04
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.799	95	1715049	10.038	ppbv	0.05
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.400%
Target Compounds						
					Qvalue	
9) Propene	2.693	41	2199	0.045	ppbv #	41
15) Acetone	3.507	43	14534	0.121	ppbv #	88
20) Methylene Chloride	3.941	84	4680	0.104	ppbv #	79
30) Cyclohexane	6.651	84	4401	0.064	ppbv #	1
39) 1,2-Dichloropropane	6.667	63	657470	8.863	ppbv #	24

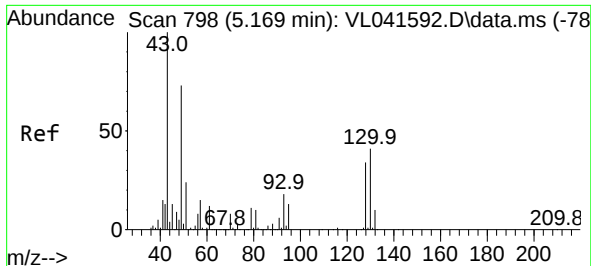
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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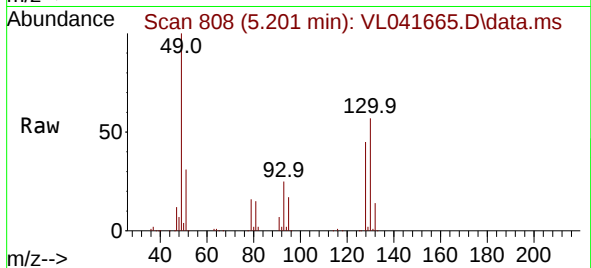
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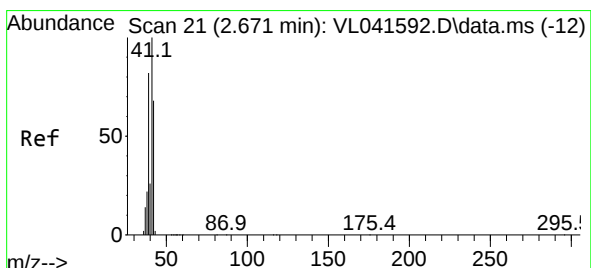
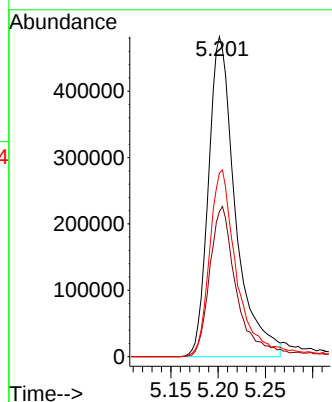
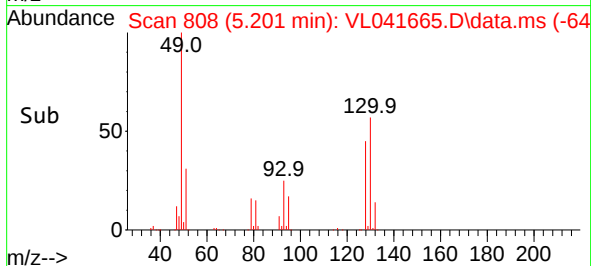


#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.201 min Scan# 80
 Delta R.T. 0.032 min
 Lab File: VL041665.D
 Acq: 14 Oct 2024 13:00

Instrument :
 MSVOA_L
 ClientSampleId :

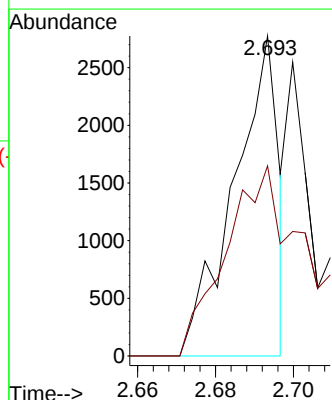
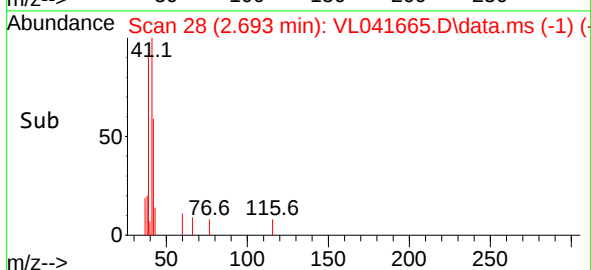
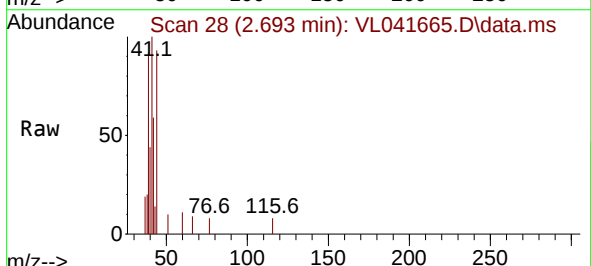


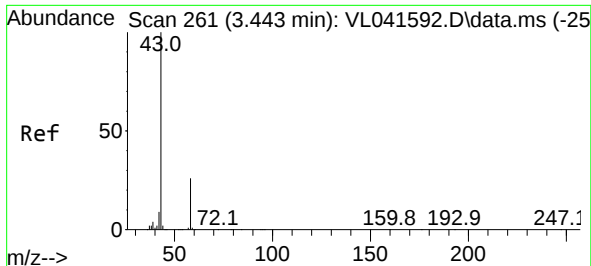
Tgt Ion: 49 Resp: 956305
 Ion Ratio Lower Upper
 49 100
 128 49.1 23.8 71.5
 130 62.1 30.4 91.3



#9
 Propene
 Concen: 0.045 ppbv
 RT: 2.693 min Scan# 28
 Delta R.T. 0.023 min
 Lab File: VL041665.D
 Acq: 14 Oct 2024 13:00

Tgt Ion: 41 Resp: 2199
 Ion Ratio Lower Upper
 41 100
 42 117.3 55.2 82.8#





#15

Acetone

Concen: 0.121 ppbv

RT: 3.507 min Scan# 21

Delta R.T. 0.064 min

Lab File: VL041665.D

Acq: 14 Oct 2024 13:00

Instrument :

MSVOA_L

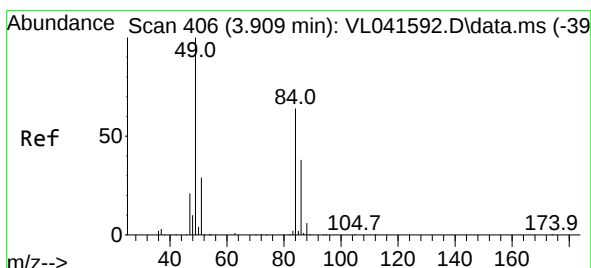
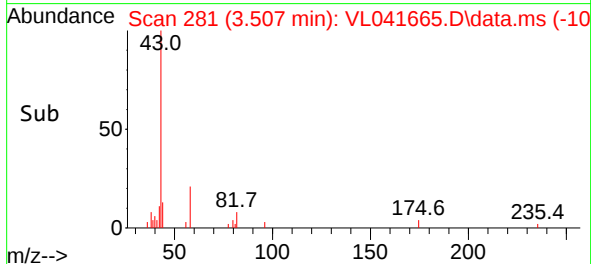
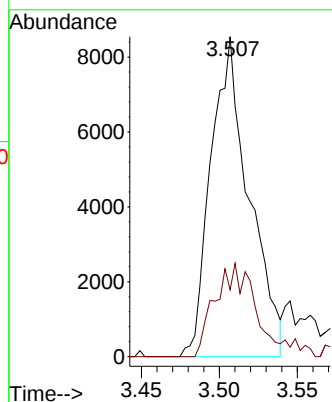
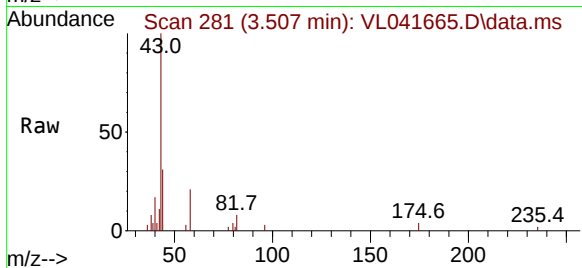
ClientSampleId :

Tgt Ion: 43 Resp: 14534

Ion Ratio Lower Upper

43 100

58 33.3 21.5 32.3#



#20

Methylene Chloride

Concen: 0.104 ppbv

RT: 3.941 min Scan# 416

Delta R.T. 0.032 min

Lab File: VL041665.D

Acq: 14 Oct 2024 13:00

Tgt Ion: 84 Resp: 4680

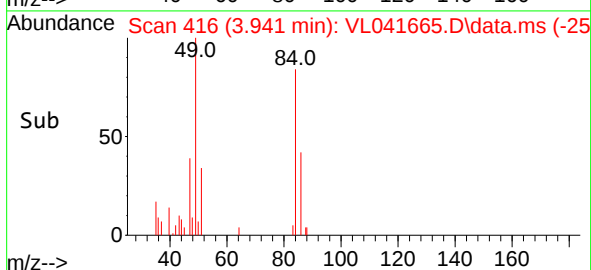
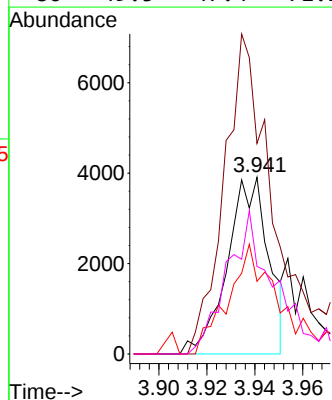
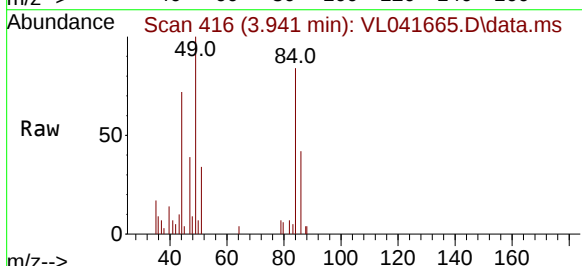
Ion Ratio Lower Upper

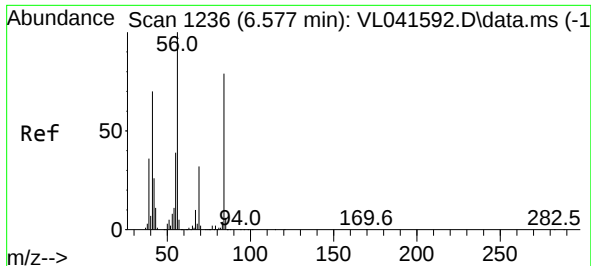
84 100

49 119.2 124.3 186.5#

51 41.1 36.3 54.5

86 49.5 47.4 71.2

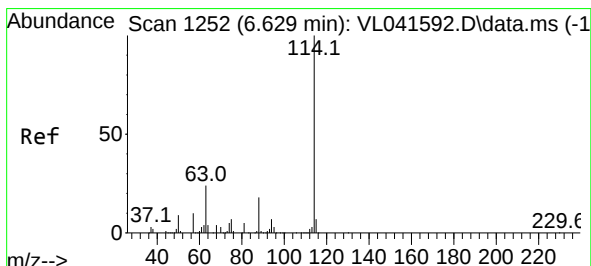
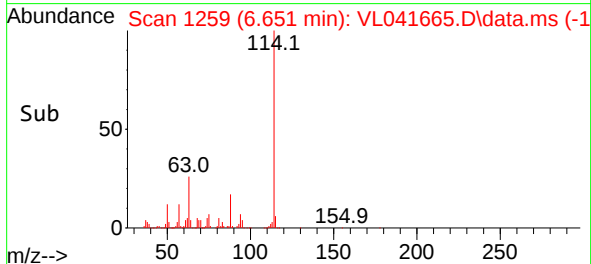
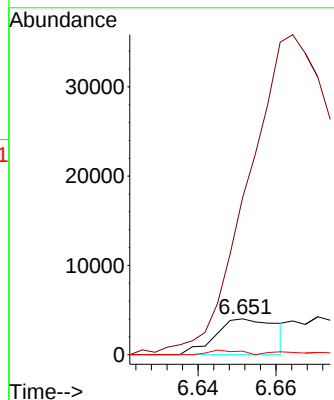
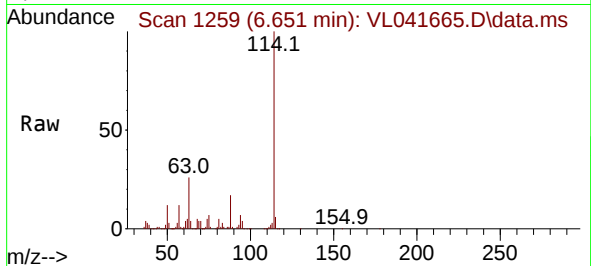




#30
Cyclohexane
Concen: 0.064 ppbv
RT: 6.651 min Scan# 1259
Delta R.T. 0.074 min
Lab File: VL041665.D
Acq: 14 Oct 2024 13:00

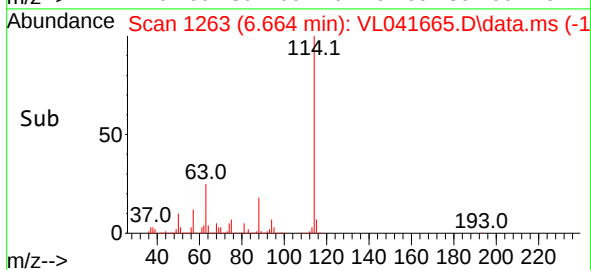
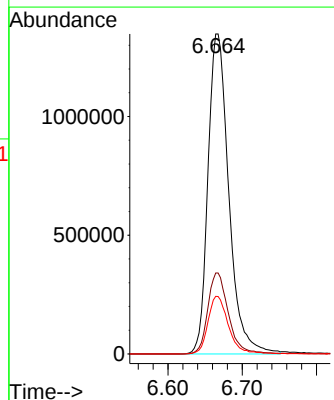
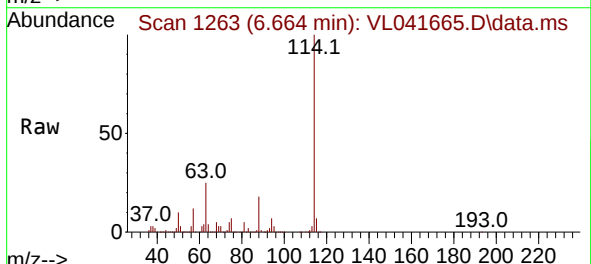
Instrument :
MSVOA_L
ClientSampleId :

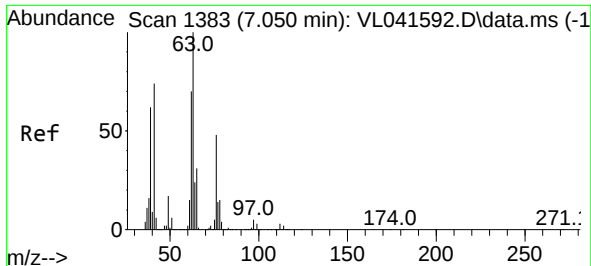
Tgt Ion: 84 Resp: 4401
Ion Ratio Lower Upper
84 100
56 0.0 111.5 167.3#
41 13.8 70.9 106.3#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.664 min Scan# 1263
Delta R.T. 0.035 min
Lab File: VL041665.D
Acq: 14 Oct 2024 13:00

Tgt Ion: 114 Resp: 2625666
Ion Ratio Lower Upper
114 100
63 25.4 20.2 30.2
88 17.7 14.2 21.4





#39

1,2-Dichloropropane

Concen: 8.863 ppbv

RT: 6.667 min Scan# 11

Delta R.T. -0.383 min

Lab File: VL041665.D

Acq: 14 Oct 2024 13:00

Instrument :

MSVOA_L

ClientSampleId :

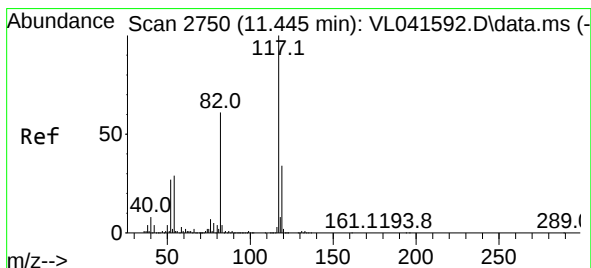
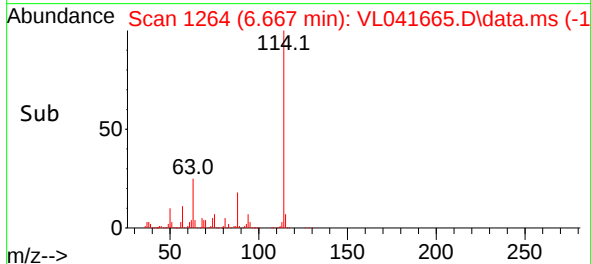
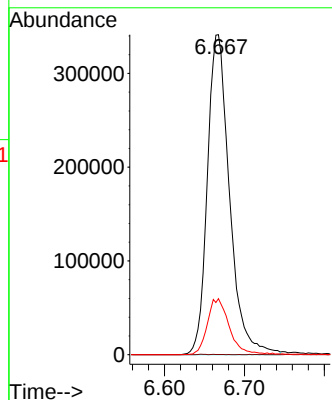
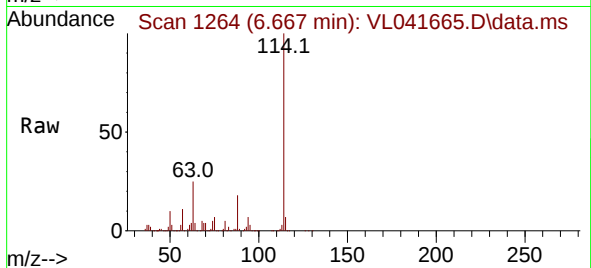
Tgt Ion: 63 Resp: 657470

Ion Ratio Lower Upper

63 100

41 0.1 59.5 89.3#

62 17.5 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: VL041665.D

Acq: 14 Oct 2024 13:00

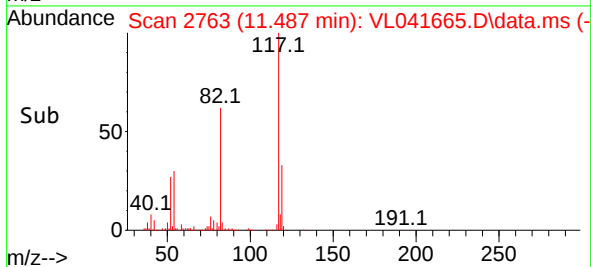
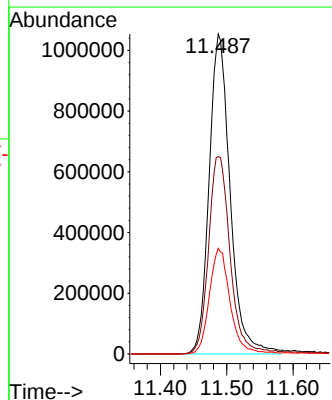
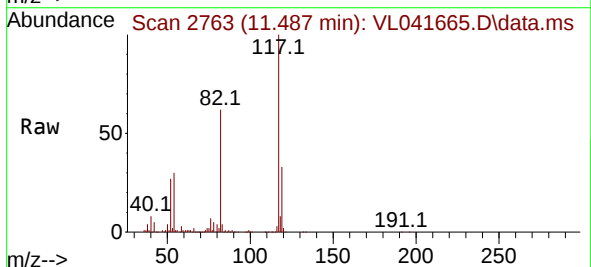
Tgt Ion: 117 Resp: 2321026

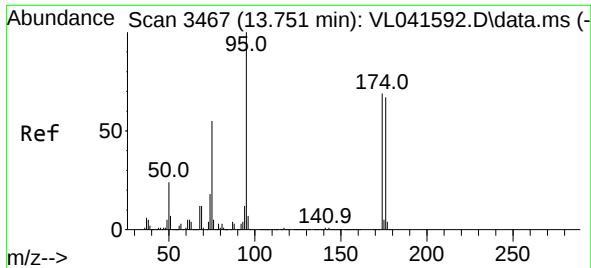
Ion Ratio Lower Upper

117 100

82 64.9 49.4 74.2

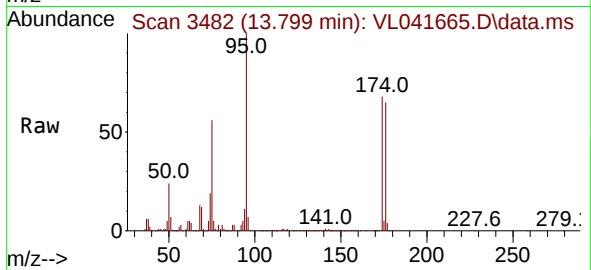
119 33.3 24.4 36.6





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.038 ppbv
 RT: 13.799 min Scan# 34
 Delta R.T. 0.048 min
 Lab File: VL041665.D
 Acq: 14 Oct 2024 13:00

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion: 95 Resp: 1715049

Ion	Ratio	Lower	Upper
95	100		
174	70.9	55.8	83.8
175	5.0	4.1	6.1

