

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100422\
 Data File : VL039687.D
 Acq On : 4 Oct 2022 19:06
 Operator : SY/AP
 Sample : N4885-01DL 40X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 1DL

Quant Time: Oct 05 04:41:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Sep 19 14:26:28 2022
 Response via : Initial Calibration

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

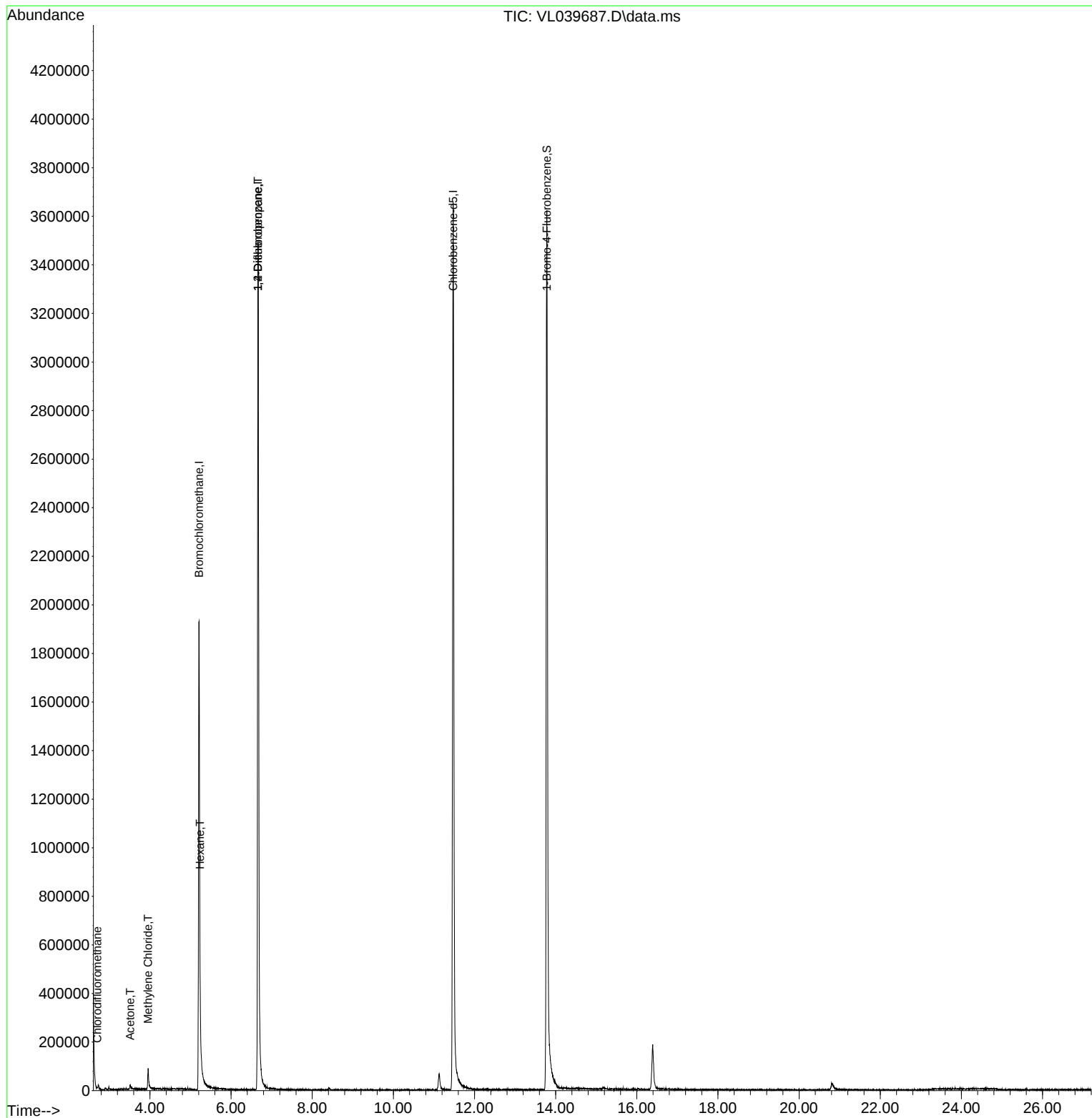
Internal Standards						
1) Bromochloromethane	5.208	49	1004629	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.664	114	2748492	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.474	117	2482647	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	1780788	9.609	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.100%
Target Compounds						
					Qvalue	
3) Chlorodifluoromethane	2.700	51	6860	0.058	ppbv	98
15) Acetone	3.513	43	9525	0.085	ppbv #	1
20) Methylene Chloride	3.954	84	29614	0.573	ppbv #	88
26) Hexane	5.230	57	19701	0.190	ppbv #	36
39) 1,2-Dichloropropane	6.664	63	653044	8.048	ppbv #	25

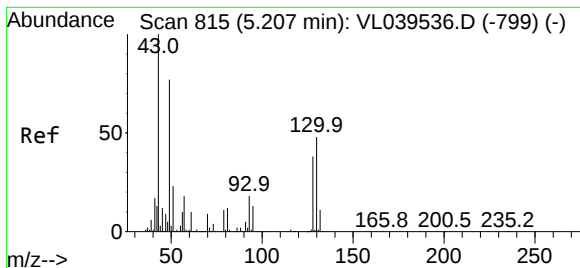
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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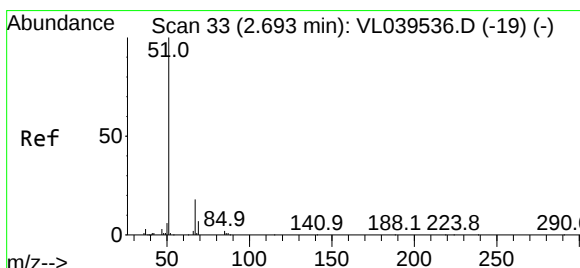
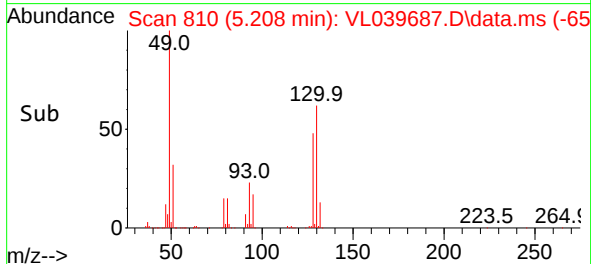
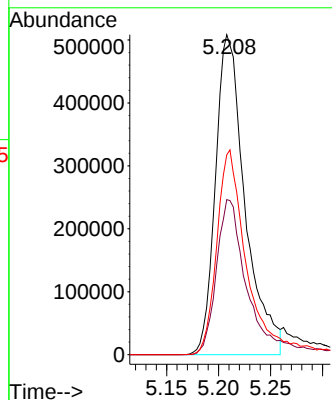
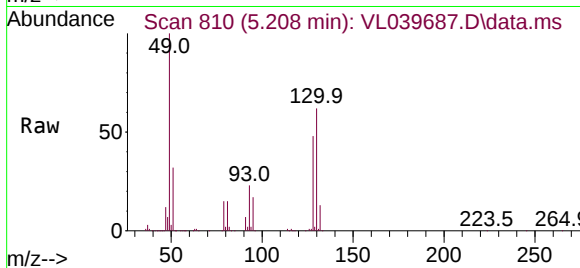




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.208 min Scan# 81
 Delta R.T. 0.001 min
 Lab File: VL039687.D
 Acq: 4 Oct 2022 19:06

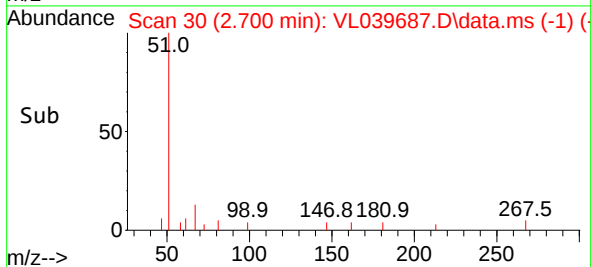
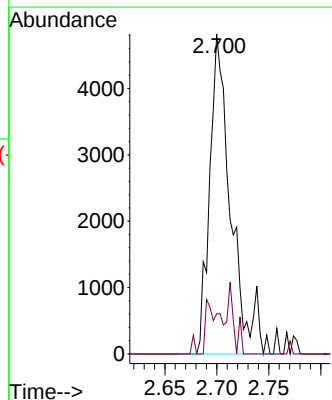
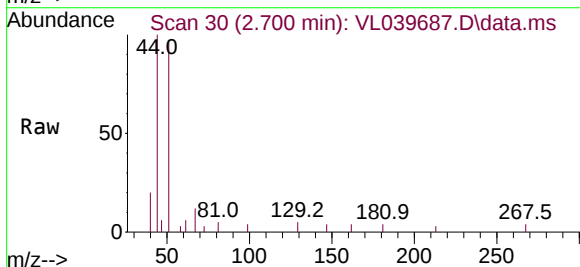
Instrument :
 MSVOA_L
 ClientSampleId :
 1DL

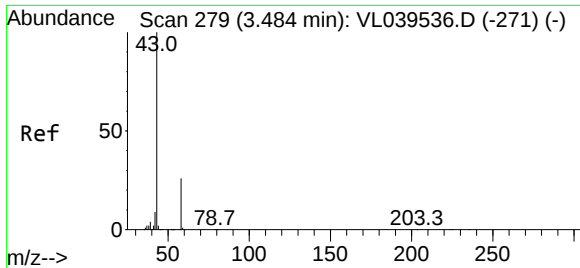
Tgt Ion: 49 Resp: 1004629
 Ion Ratio Lower Upper
 49 100
 128 52.5 26.7 80.0
 130 68.4 34.3 102.8



#3
 Chlorodifluoromethane
 Concen: 0.058 ppbv
 RT: 2.700 min Scan# 30
 Delta R.T. 0.007 min
 Lab File: VL039687.D
 Acq: 4 Oct 2022 19:06

Tgt Ion: 51 Resp: 6860
 Ion Ratio Lower Upper
 51 100
 67 18.5 15.7 23.5

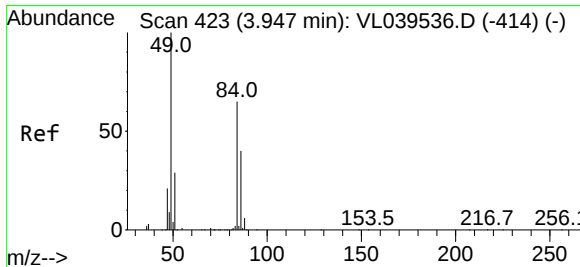
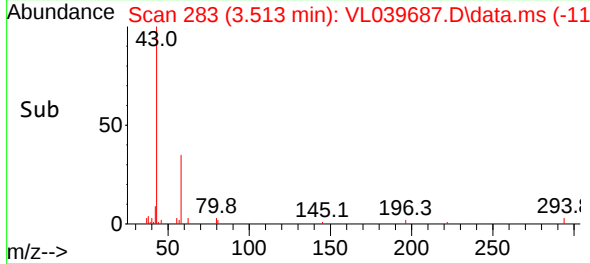
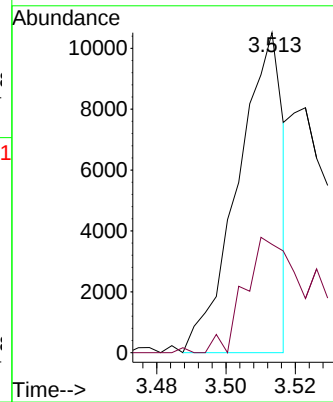
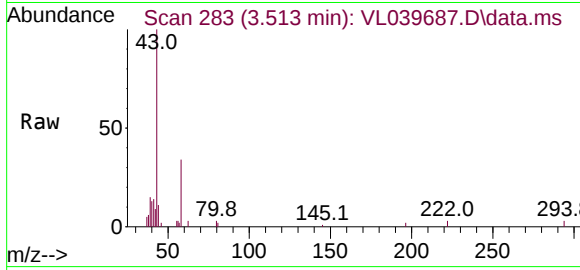




#15
Acetone
Concen: 0.085 ppbv
RT: 3.513 min Scan# 21
Delta R.T. 0.029 min
Lab File: VL039687.D
Acq: 4 Oct 2022 19:06

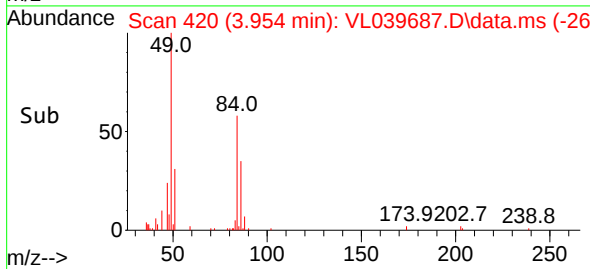
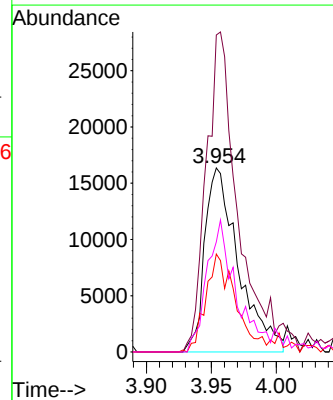
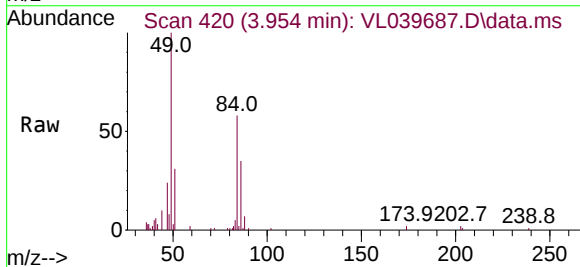
Instrument :
MSVOA_L
ClientSampleId :
1DL

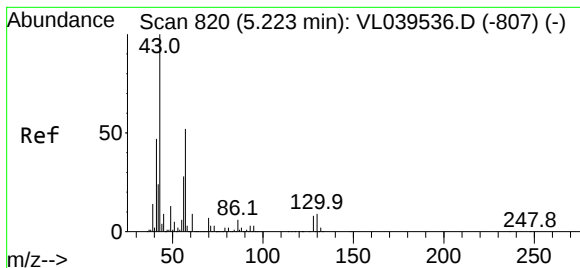
Tgt Ion: 43 Resp: 9525
Ion Ratio Lower Upper
43 100
58 77.6 21.0 31.6#



#20
Methylene Chloride
Concen: 0.573 ppbv
RT: 3.954 min Scan# 420
Delta R.T. 0.007 min
Lab File: VL039687.D
Acq: 4 Oct 2022 19:06

Tgt Ion: 84 Resp: 29614
Ion Ratio Lower Upper
84 100
49 172.3 123.1 184.7
51 52.1 34.4 51.6#
86 59.8 51.1 76.7





#26

Hexane

Concen: 0.190 ppbv

RT: 5.230 min Scan# 81

Delta R.T. 0.007 min

Lab File: VL039687.D

Acq: 4 Oct 2022 19:06

Instrument :

MSVOA_L

ClientSampleId :

1DL

Tgt Ion: 57 Resp: 19701

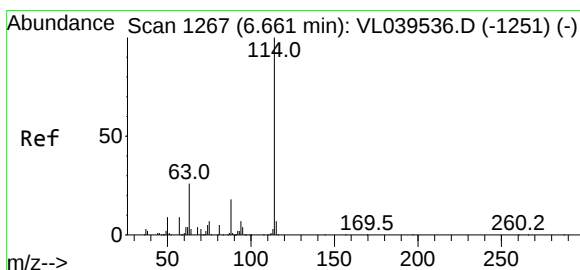
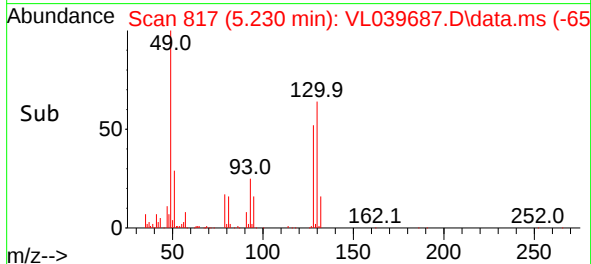
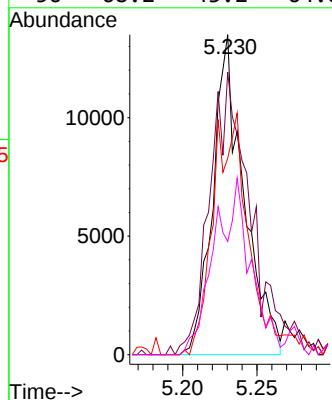
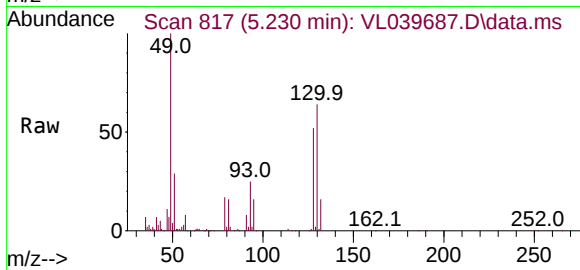
Ion Ratio Lower Upper

57 100

41 121.3 76.9 115.3#

43 88.6 191.0 286.6#

56 68.2 43.2 64.8#



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.664 min Scan# 1263

Delta R.T. 0.004 min

Lab File: VL039687.D

Acq: 4 Oct 2022 19:06

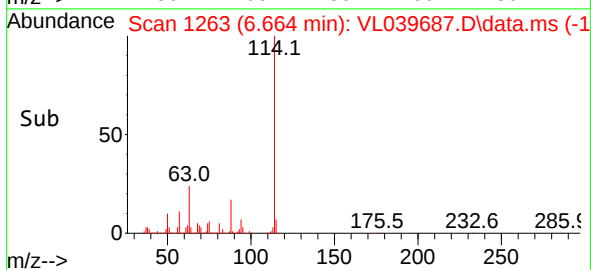
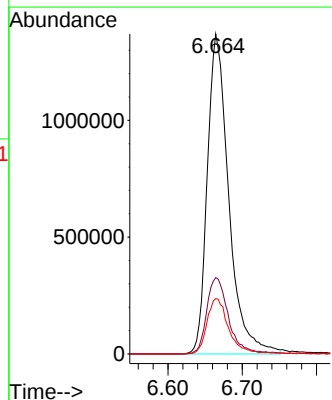
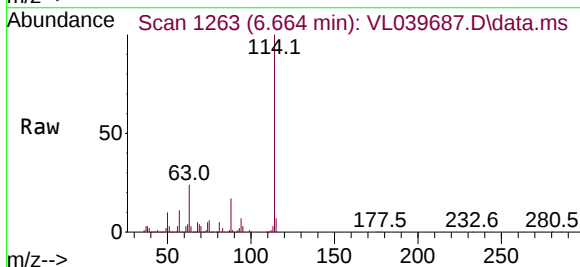
Tgt Ion:114 Resp: 2748492

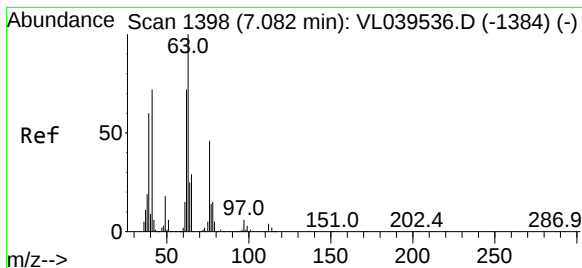
Ion Ratio Lower Upper

114 100

63 24.7 20.2 30.4

88 17.7 14.5 21.7





#39

1,2-Dichloropropane

Concen: 8.048 ppbv

RT: 6.664 min Scan# 1

Delta R.T. -0.417 min

Lab File: VL039687.D

Acq: 4 Oct 2022 19:06

Instrument :

MSVOA_L

ClientSampleId :

1DL

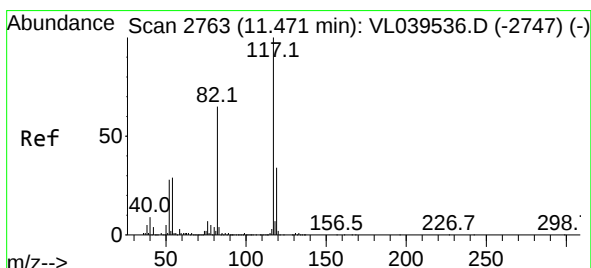
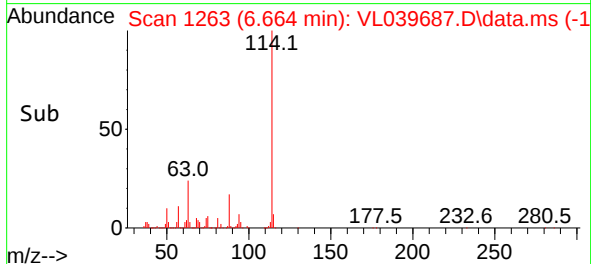
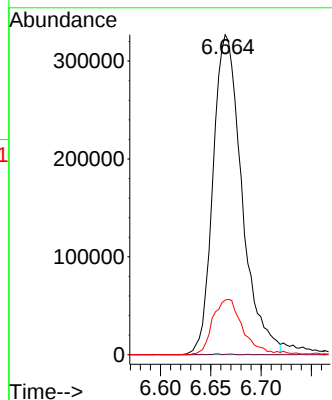
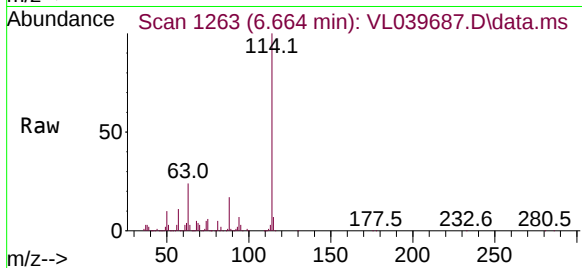
Tgt Ion: 63 Resp: 653044

Ion Ratio Lower Upper

63 100

41 0.2 59.6 89.4#

62 17.0 51.4 77.0#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.474 min Scan# 2759

Delta R.T. 0.004 min

Lab File: VL039687.D

Acq: 4 Oct 2022 19:06

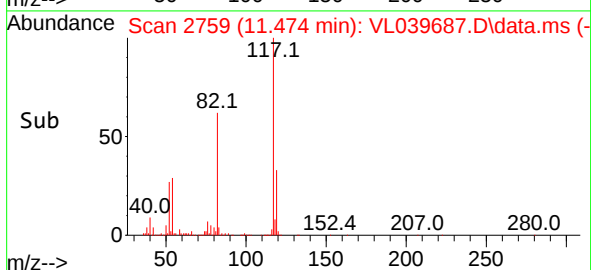
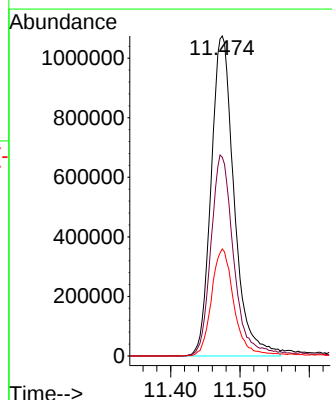
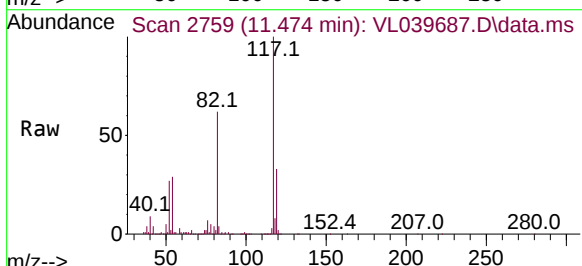
Tgt Ion: 117 Resp: 2482647

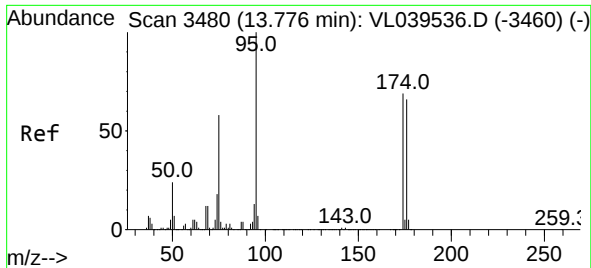
Ion Ratio Lower Upper

117 100

82 64.0 50.8 76.2

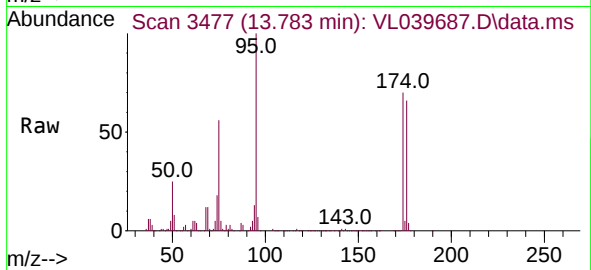
119 33.0 24.1 36.1





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.609 ppbv
 RT: 13.783 min Scan# 34
 Delta R.T. 0.007 min
 Lab File: VL039687.D
 Acq: 4 Oct 2022 19:06

Instrument :
 MSVOA_L
 ClientSampleId :
 1DL



Tgt Ion: 95 Resp: 1780788

Ion	Ratio	Lower	Upper
95	100		
174	74.2	55.9	83.9
175	5.6	4.2	6.4

