

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081822\
 Data File : VL039565.D
 Acq On : 18 Aug 2022 19:03
 Operator : SY/AP
 Sample : QC081522 CAN 10282
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Aug 19 03:04:16 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 17 12:06:24 2022
 QLast Update : Wed Aug 17 12:06:24 2022
 Response via : Initial Calibration

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

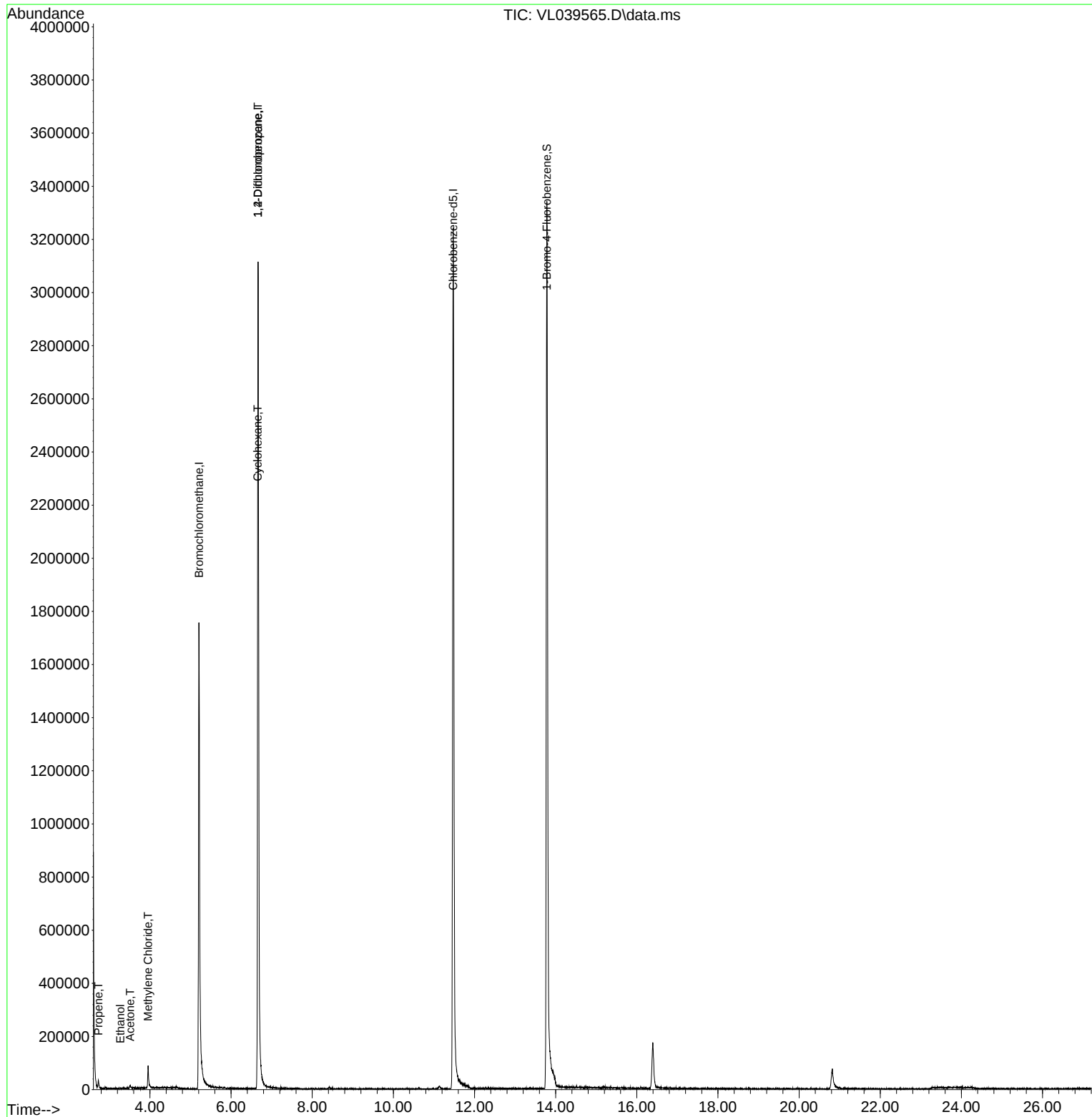
Internal Standards						
1) Bromochloromethane	5.208	49	967038	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.664	114	2426452	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.474	117	2186858	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	1666121	10.121	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.200%
Target Compounds						
					Qvalue	
9) Propene	2.729	41	9088	0.172	ppbv	85
13) Ethanol	3.269	45	481	0.127	ppbv #	1
15) Acetone	3.510	43	7416	0.068	ppbv #	47
20) Methylene Chloride	3.954	84	26576	0.597	ppbv #	85
30) Cyclohexane	6.655	84	5283	0.067	ppbv #	100
39) 1,2-Dichloropropane	6.664	63	602589	8.694	ppbv #	23

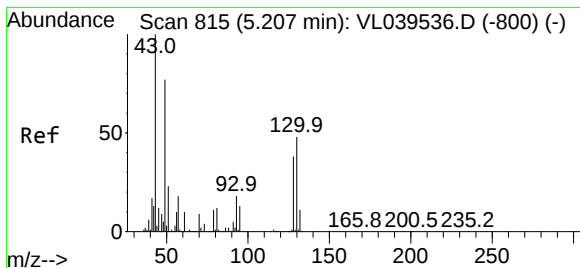
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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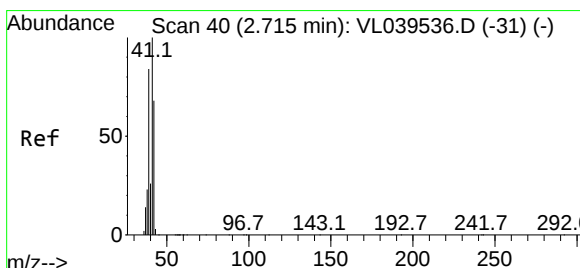
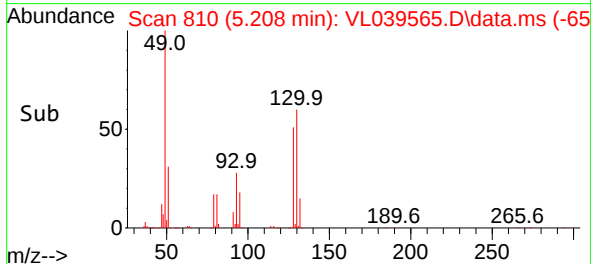
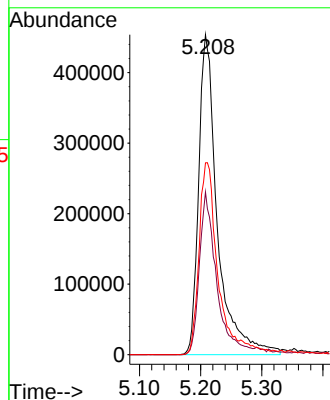
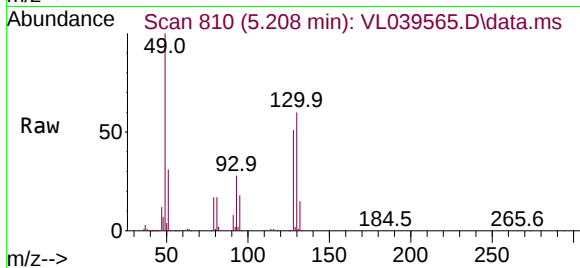




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.208 min Scan# 81
Delta R.T. 0.001 min
Lab File: VL039565.D
Acq: 18 Aug 2022 19:03

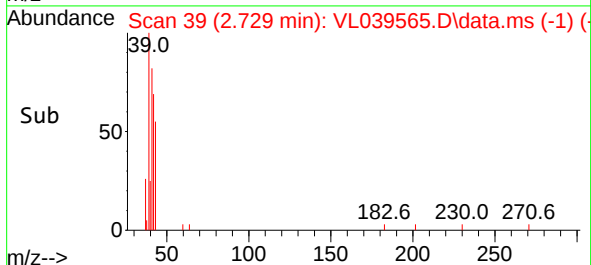
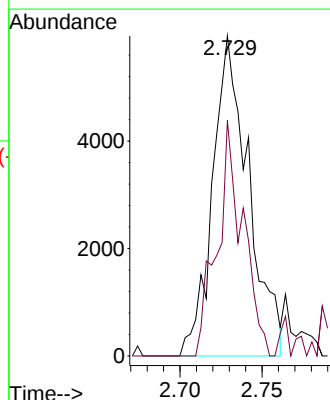
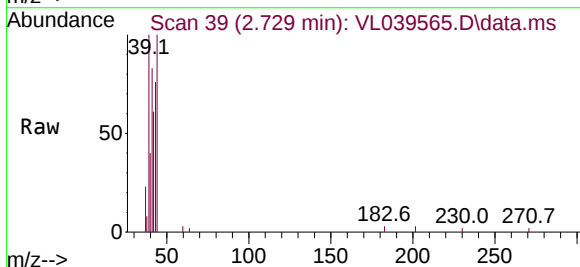
Instrument :
MSVOA_L
ClientSampleId :

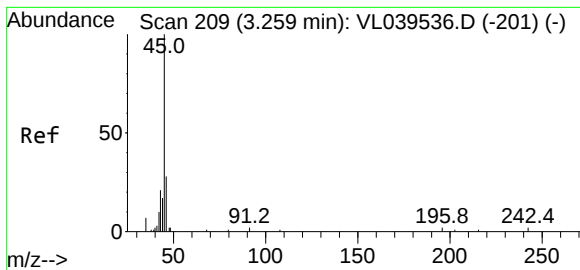
Tgt Ion: 49 Resp: 967038
Ion Ratio Lower Upper
49 100
128 48.7 25.7 77.0
130 60.9 31.6 95.0



#9
Propene
Concen: 0.172 ppbv
RT: 2.729 min Scan# 39
Delta R.T. 0.014 min
Lab File: VL039565.D
Acq: 18 Aug 2022 19:03

Tgt Ion: 41 Resp: 9088
Ion Ratio Lower Upper
41 100
42 57.2 55.4 83.0

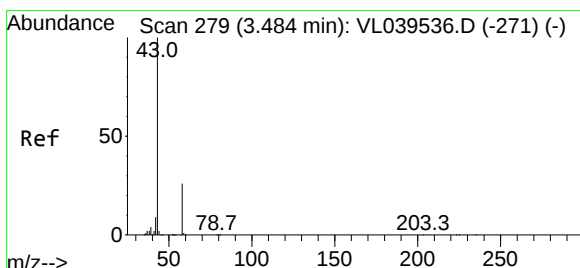
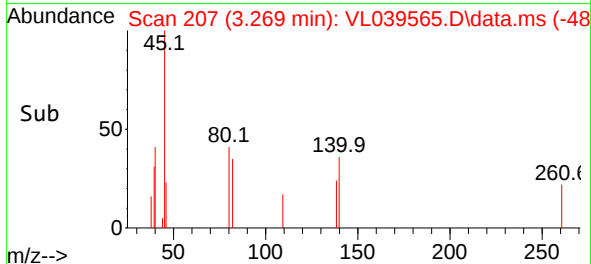
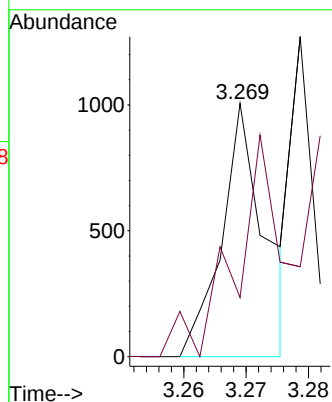
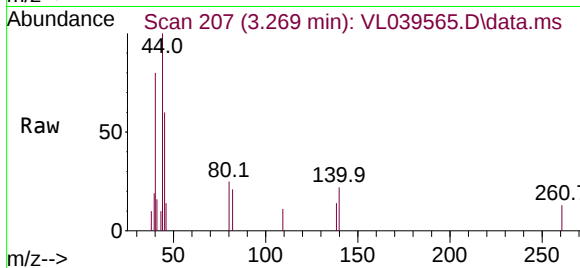




#13
 Ethanol
 Concen: 0.127 ppbv
 RT: 3.269 min Scan# 209
 Delta R.T. 0.010 min
 Lab File: VL039565.D
 Acq: 18 Aug 2022 19:03

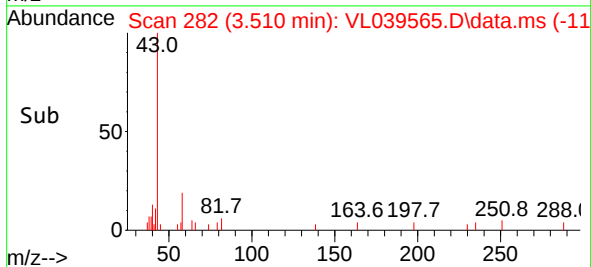
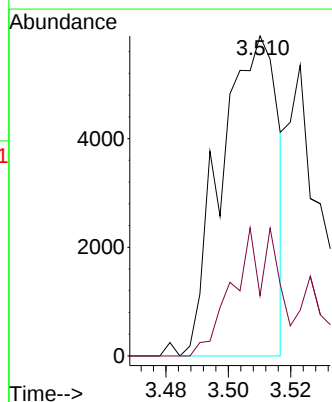
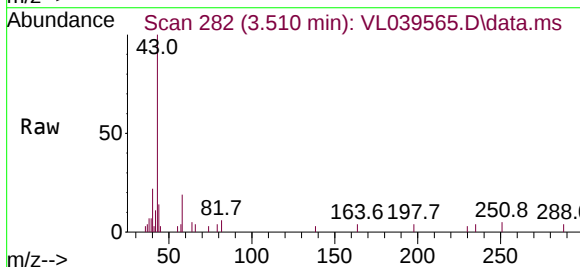
Instrument :
 MSVOA_L
 ClientSampleId :

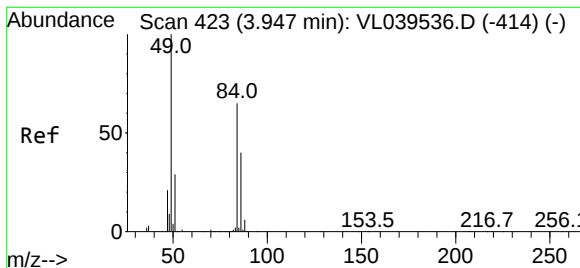
Tgt Ion: 45 Resp: 481
 Ion Ratio Lower Upper
 45 100
 46 165.9 19.3 77.1#



#15
 Acetone
 Concen: 0.068 ppbv
 RT: 3.510 min Scan# 282
 Delta R.T. 0.026 min
 Lab File: VL039565.D
 Acq: 18 Aug 2022 19:03

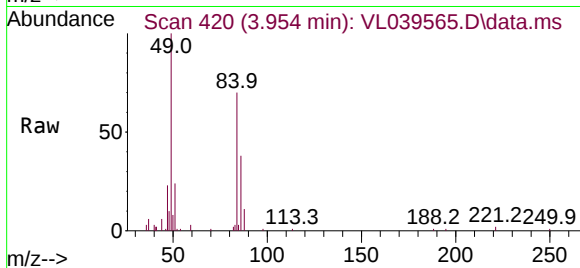
Tgt Ion: 43 Resp: 7416
 Ion Ratio Lower Upper
 43 100
 58 52.7 20.7 31.1#



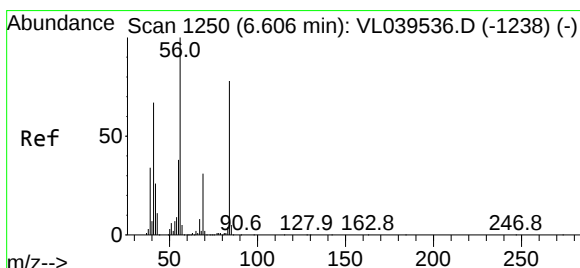
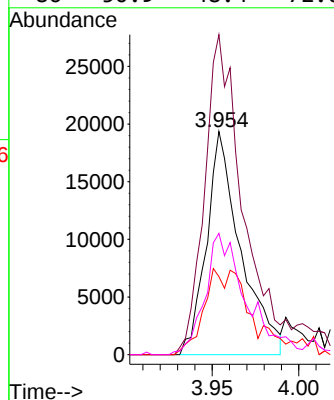
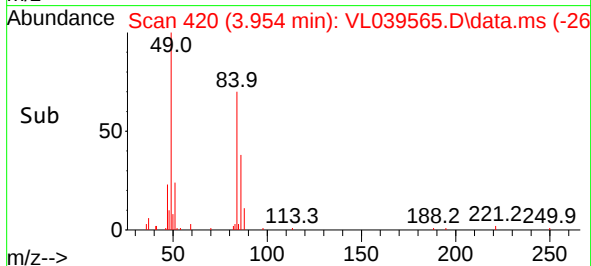


#20
Methylene Chloride
Concen: 0.597 ppbv
RT: 3.954 min Scan# 41
Delta R.T. 0.007 min
Lab File: VL039565.D
Acq: 18 Aug 2022 19:03

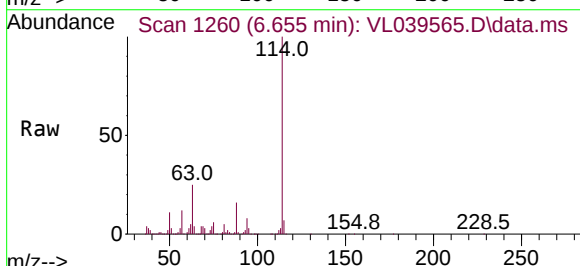
Instrument :
MSVOA_L
ClientSampleId :



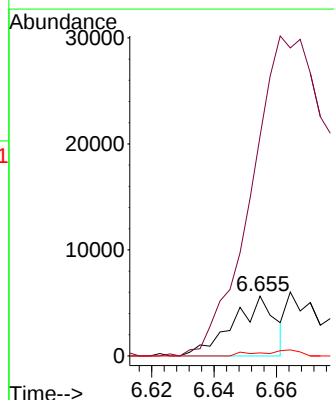
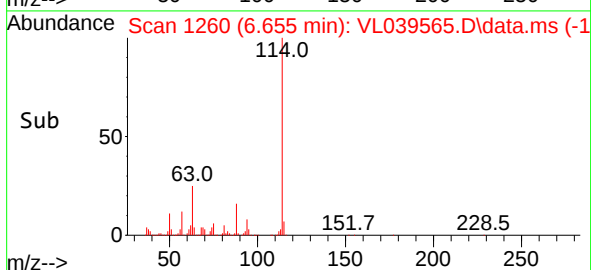
Tgt Ion:	84	Resp:	26576
Ion	Ratio	Lower	Upper
84	100		
49	135.2	122.2	183.4
51	31.9	35.8	53.6#
86	50.9	48.4	72.6

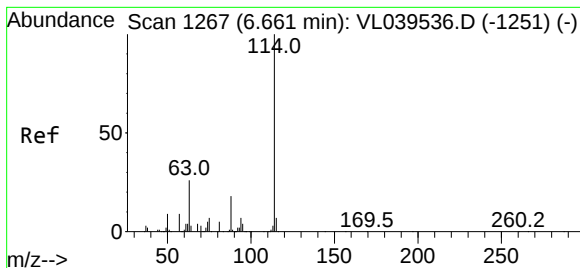


#30
Cyclohexane
Concen: 0.067 ppbv
RT: 6.655 min Scan# 1260
Delta R.T. 0.049 min
Lab File: VL039565.D
Acq: 18 Aug 2022 19:03



Tgt Ion:	84	Resp:	5283
Ion	Ratio	Lower	Upper
84	100		
56	0.0	0.0	0.0
41	0.0	0.0	0.0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.664 min Scan# 1263

Delta R.T. 0.004 min

Lab File: VL039565.D

Acq: 18 Aug 2022 19:03

Instrument :

MSVOA_L

ClientSampleId :

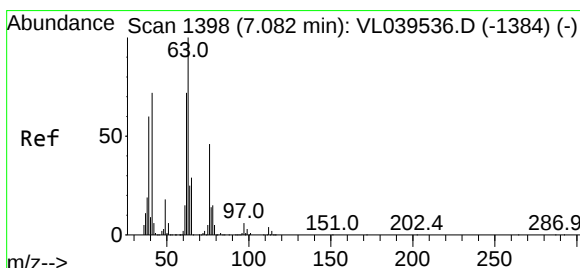
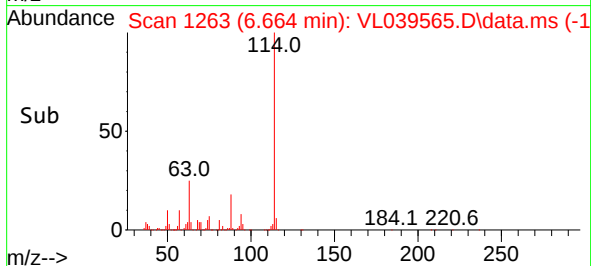
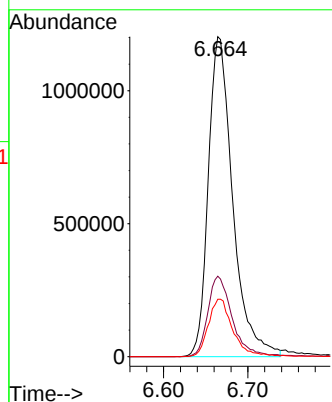
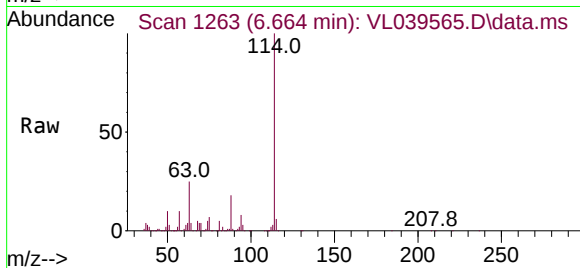
Tgt Ion:114 Resp: 2426452

Ion Ratio Lower Upper

114 100

63 25.6 20.6 31.0

88 18.3 14.6 22.0



#39

1,2-Dichloropropane

Concen: 8.694 ppbv

RT: 6.664 min Scan# 1263

Delta R.T. -0.417 min

Lab File: VL039565.D

Acq: 18 Aug 2022 19:03

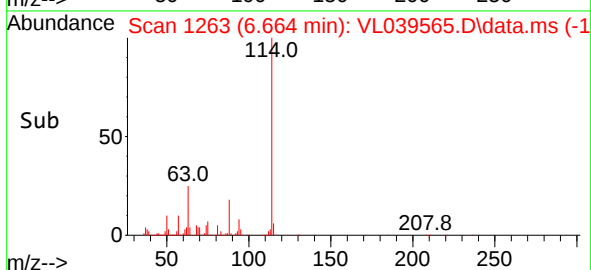
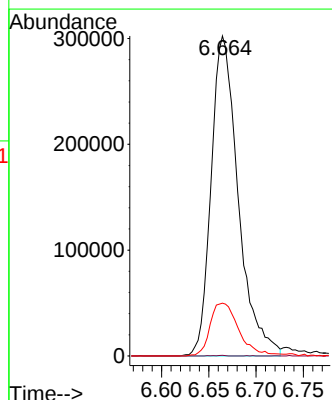
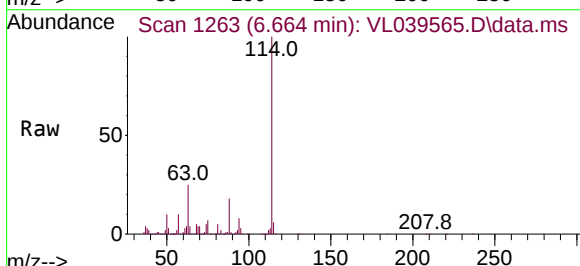
Tgt Ion: 63 Resp: 602589

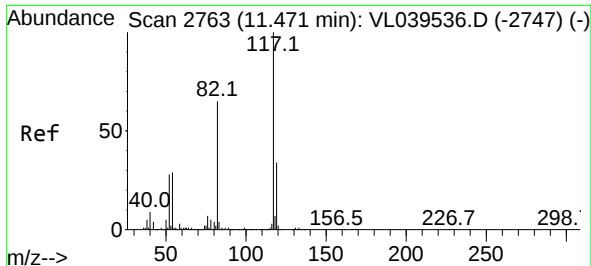
Ion Ratio Lower Upper

63 100

41 0.2 58.0 87.0#

62 16.5 57.8 86.8#

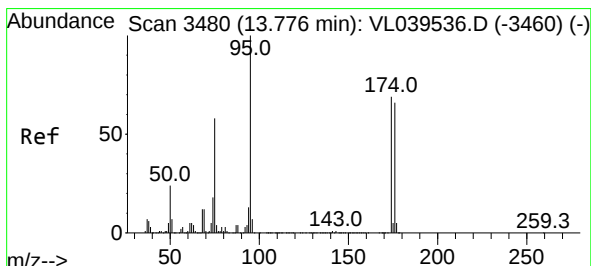
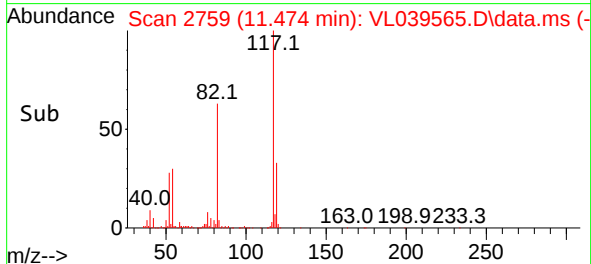
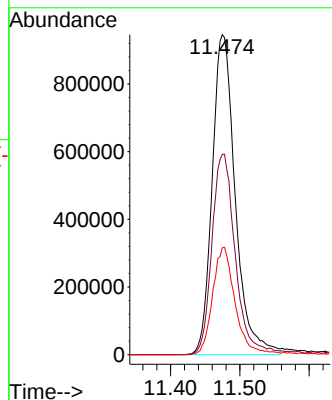
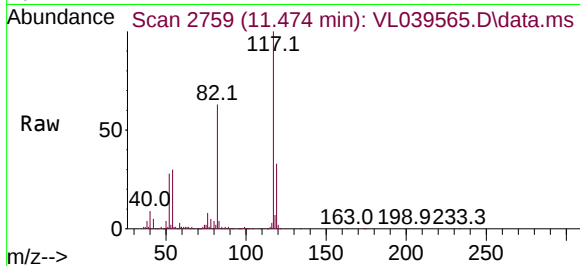




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.474 min Scan# 21
Delta R.T. 0.004 min
Lab File: VL039565.D
Acq: 18 Aug 2022 19:03

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 117 Resp: 2186858
Ion Ratio Lower Upper
117 100
82 64.3 49.1 73.7
119 33.3 25.9 38.9



#68
1-Bromo-4-Fluorobenzene
Concen: 10.121 ppbv
RT: 13.783 min Scan# 3477
Delta R.T. 0.007 min
Lab File: VL039565.D
Acq: 18 Aug 2022 19:03

Tgt Ion: 95 Resp: 1666121
Ion Ratio Lower Upper
95 100
174 72.3 56.3 84.5
175 5.3 4.3 6.5

