

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081822\
 Data File : VL039564.D
 Acq On : 18 Aug 2022 18:22
 Operator : SY/AP
 Sample : QC072822 CAN 10410
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Aug 19 03:04:01 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)

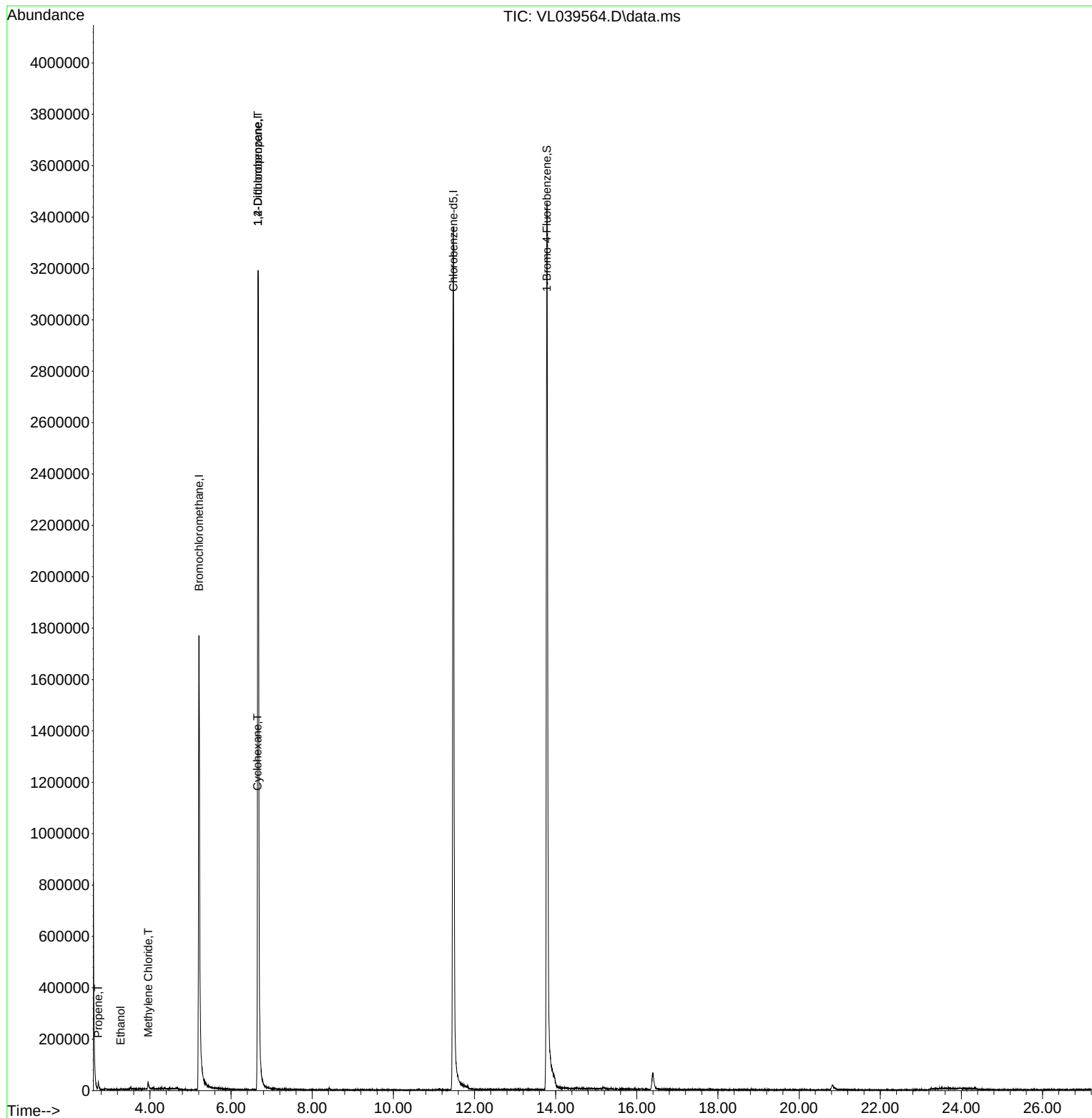
Internal Standards						
1) Bromochloromethane	5.208	49	933140	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.664	114	2529254	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.478	117	2257262	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	1711399	10.071	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.700%
Target Compounds						
						Qvalue
9) Propene	2.726	41	7162	0.141	ppbv	99
13) Ethanol	3.275	45	211	0.058	ppbv #	29
20) Methylene Chloride	3.957	84	7868	0.183	ppbv	91
30) Cyclohexane	6.648	84	3492	0.046	ppbv #	100
39) 1,2-Dichloropropane	6.664	63	596929	8.263	ppbv #	24

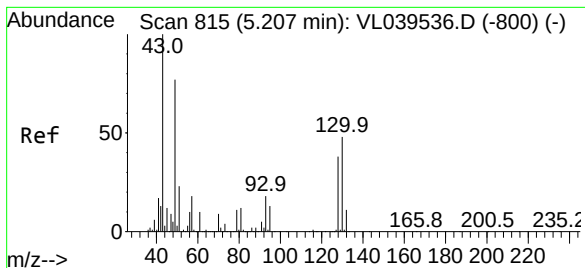
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081822\
Data File : VL039564.D
Acq On : 18 Aug 2022 18:22
Operator : SY/AP
Sample : QC072822 CAN 10410
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :

Quant Time: Aug 19 03:04:01 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Aug 17 12:06:24 2022
QLast Update : Wed Aug 17 12:06:24 2022
Response via : Initial Calibration

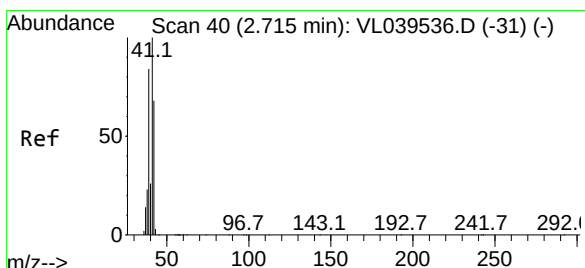
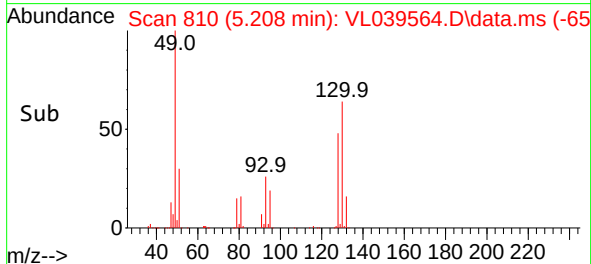
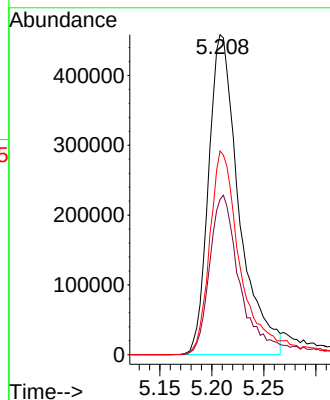
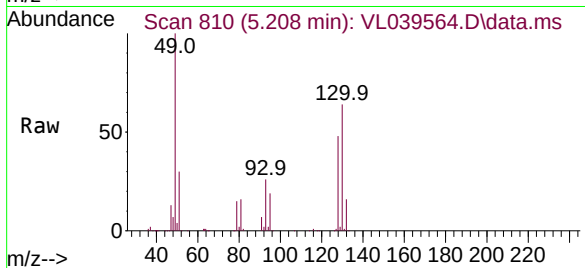




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.208 min Scan# 81
Delta R.T. 0.001 min
Lab File: VL039564.D
Acq: 18 Aug 2022 18:22

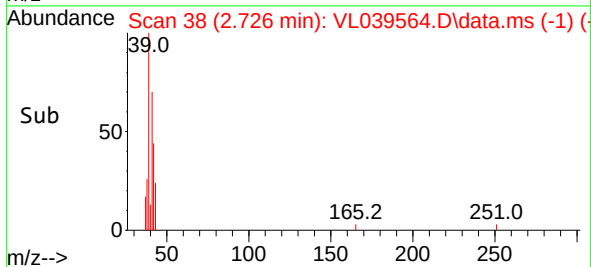
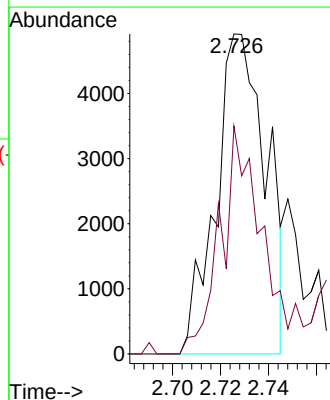
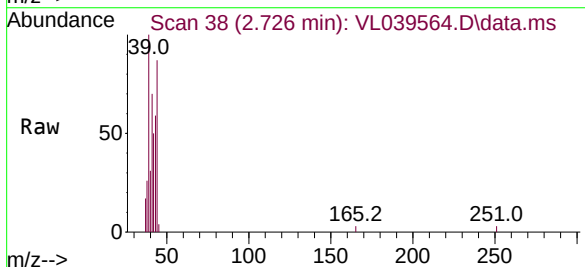
Instrument :
MSVOA_L
ClientSampleId :

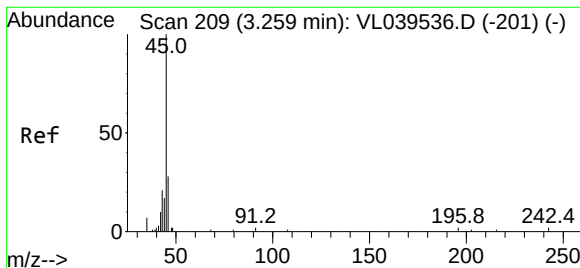
Tgt Ion: 49 Resp: 933140
Ion Ratio Lower Upper
49 100
128 53.5 25.7 77.0
130 67.6 31.6 95.0



#9
Propene
Concen: 0.141 ppbv
RT: 2.726 min Scan# 38
Delta R.T. 0.010 min
Lab File: VL039564.D
Acq: 18 Aug 2022 18:22

Tgt Ion: 41 Resp: 7162
Ion Ratio Lower Upper
41 100
42 68.6 55.4 83.0

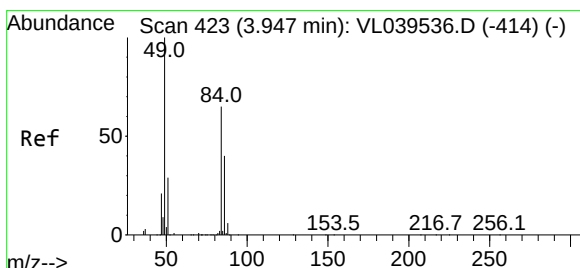
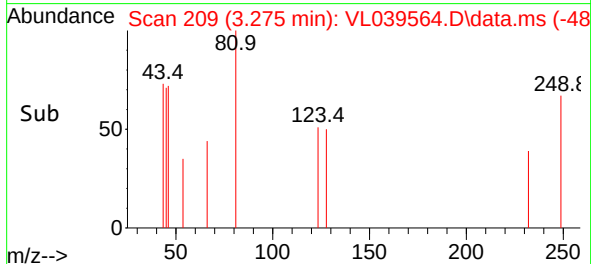
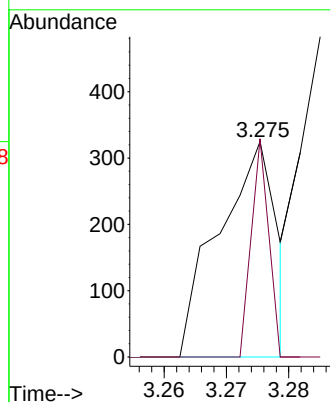
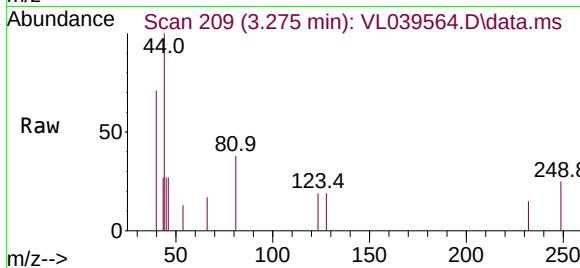




#13
 Ethanol
 Concen: 0.058 ppbv
 RT: 3.275 min Scan# 209
 Delta R.T. 0.017 min
 Lab File: VL039564.D
 Acq: 18 Aug 2022 18:22

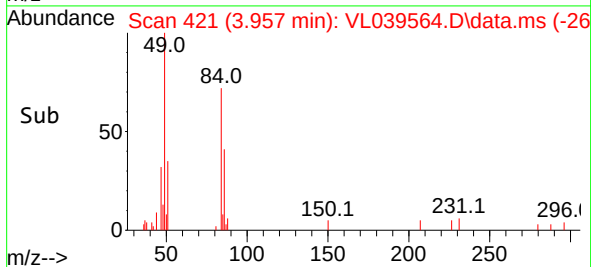
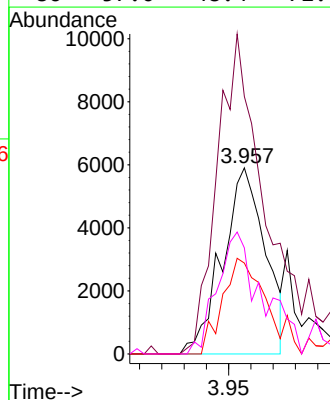
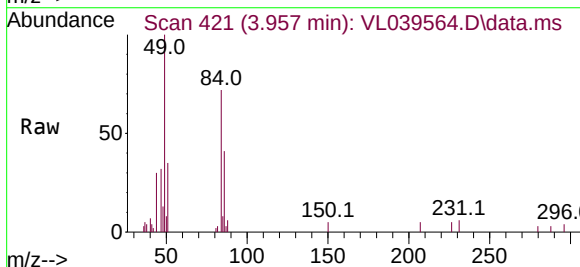
Instrument :
 MSVOA_L
 ClientSampleId :

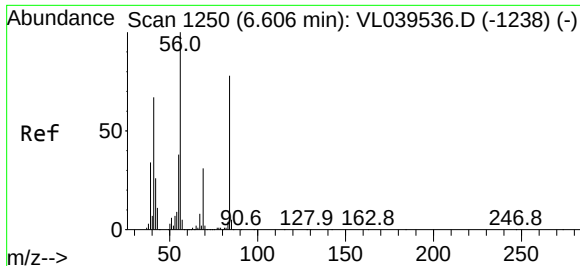
Tgt Ion: 45 Resp: 211
 Ion Ratio Lower Upper
 45 100
 46 0.0 19.3 77.1#



#20
 Methylene Chloride
 Concen: 0.183 ppbv
 RT: 3.957 min Scan# 421
 Delta R.T. 0.010 min
 Lab File: VL039564.D
 Acq: 18 Aug 2022 18:22

Tgt Ion: 84 Resp: 7868
 Ion Ratio Lower Upper
 84 100
 49 138.3 122.2 183.4
 51 48.8 35.8 53.6
 86 57.0 48.4 72.6





#30

Cyclohexane

Concen: 0.046 ppbv

RT: 6.648 min Scan# 11

Delta R.T. 0.042 min

Lab File: VL039564.D

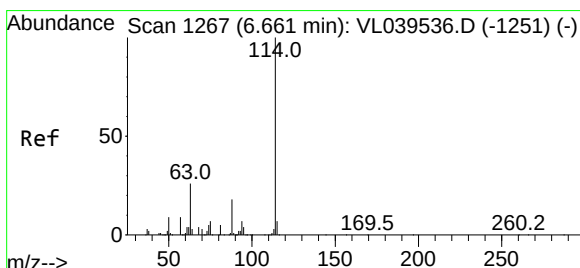
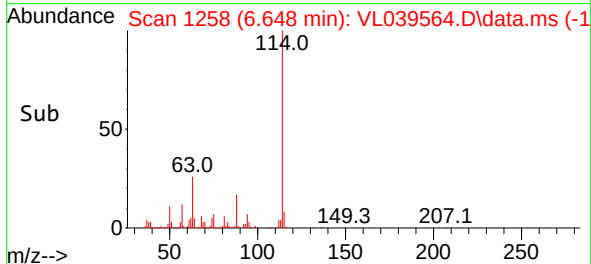
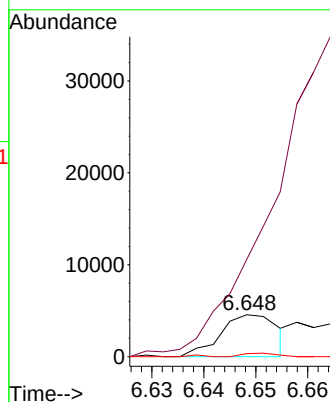
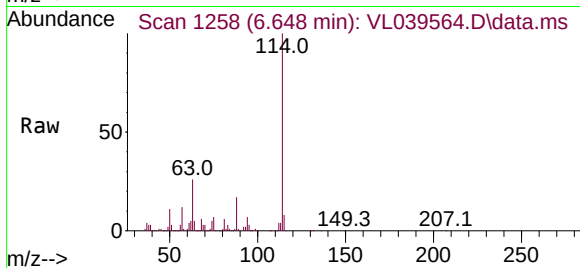
Acq: 18 Aug 2022 18:22

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	84	Resp:	3492
Ion	Ratio	Lower	Upper
84	100		
56	0.0	0.0	0.0
41	6.0	0.0	0.0#



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

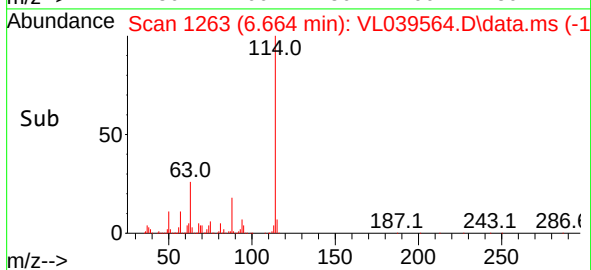
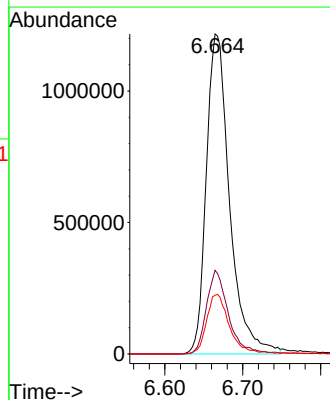
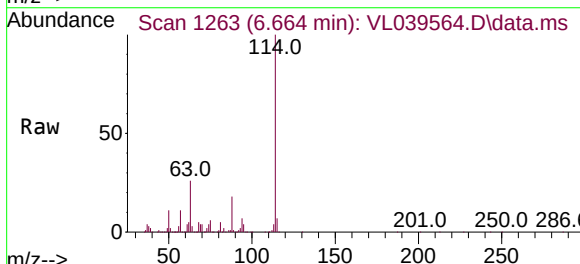
RT: 6.664 min Scan# 1263

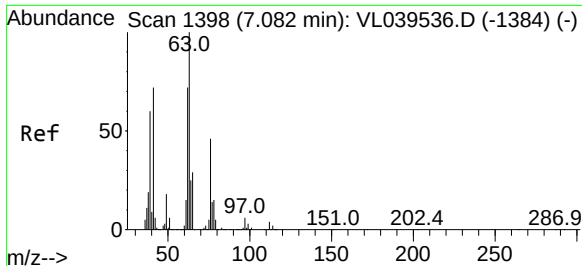
Delta R.T. 0.004 min

Lab File: VL039564.D

Acq: 18 Aug 2022 18:22

Tgt Ion:	114	Resp:	2529254
Ion	Ratio	Lower	Upper
114	100		
63	25.1	20.6	31.0
88	18.5	14.6	22.0





#39

1,2-Dichloropropane

Concen: 8.263 ppbv

RT: 6.664 min Scan# 11

Delta R.T. -0.417 min

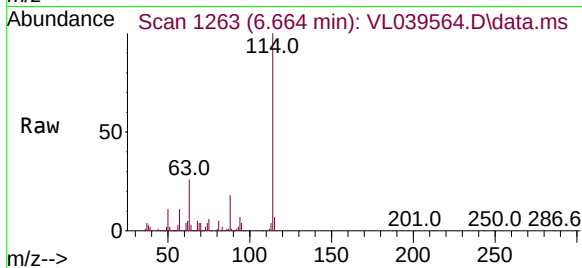
Lab File: VL039564.D

Acq: 18 Aug 2022 18:22

Instrument :

MSVOA_L

ClientSampleId :



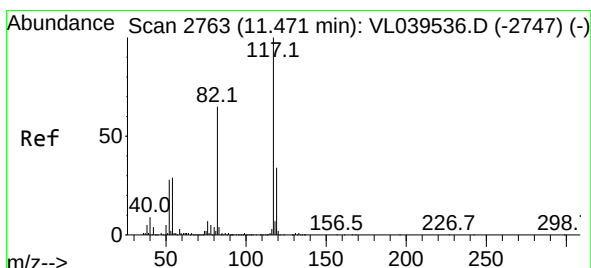
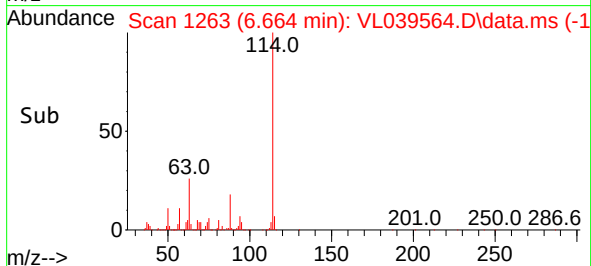
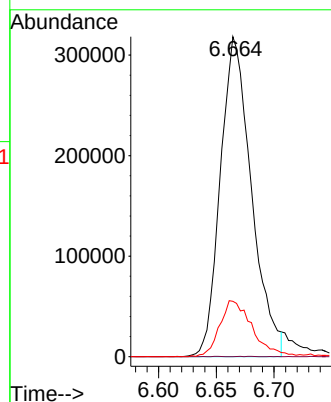
Tgt Ion: 63 Resp: 596929

Ion Ratio Lower Upper

63 100

41 0.0 58.0 87.0#

62 17.3 57.8 86.8#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.478 min Scan# 2760

Delta R.T. 0.007 min

Lab File: VL039564.D

Acq: 18 Aug 2022 18:22

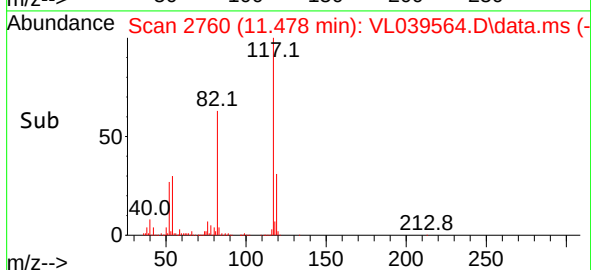
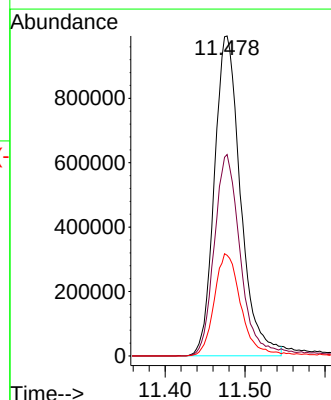
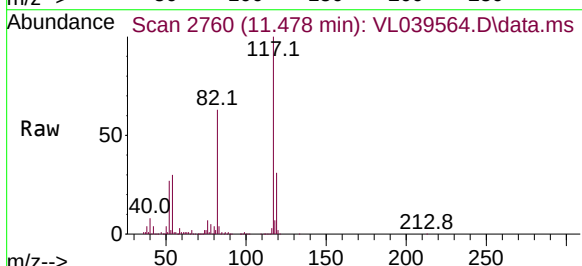
Tgt Ion: 117 Resp: 2257262

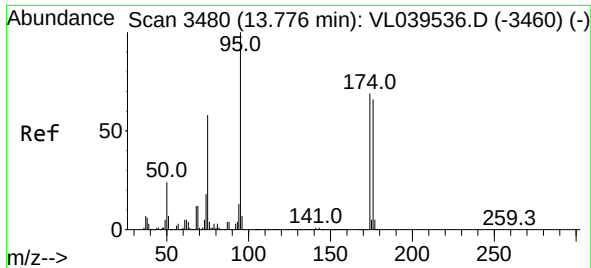
Ion Ratio Lower Upper

117 100

82 65.1 49.1 73.7

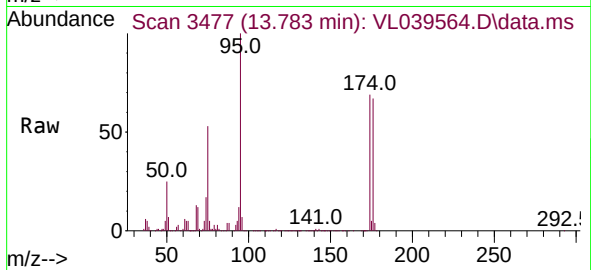
119 33.4 25.9 38.9





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.071 ppbv
 RT: 13.783 min Scan# 34
 Delta R.T. 0.007 min
 Lab File: VL039564.D
 Acq: 18 Aug 2022 18:22

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion: 95 Resp: 1711399

Ion	Ratio	Lower	Upper
95	100		
174	73.7	56.3	84.5
175	5.4	4.3	6.5

