

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022823\
 Data File : VL040242.D
 Acq On : 28 Feb 2023 9:47
 Operator : SY/MD
 Sample : VL0228ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0228ABL01

Quant Time: Mar 01 04:23:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Mar 01 04:21:39 2023
 Response via : Initial Calibration

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

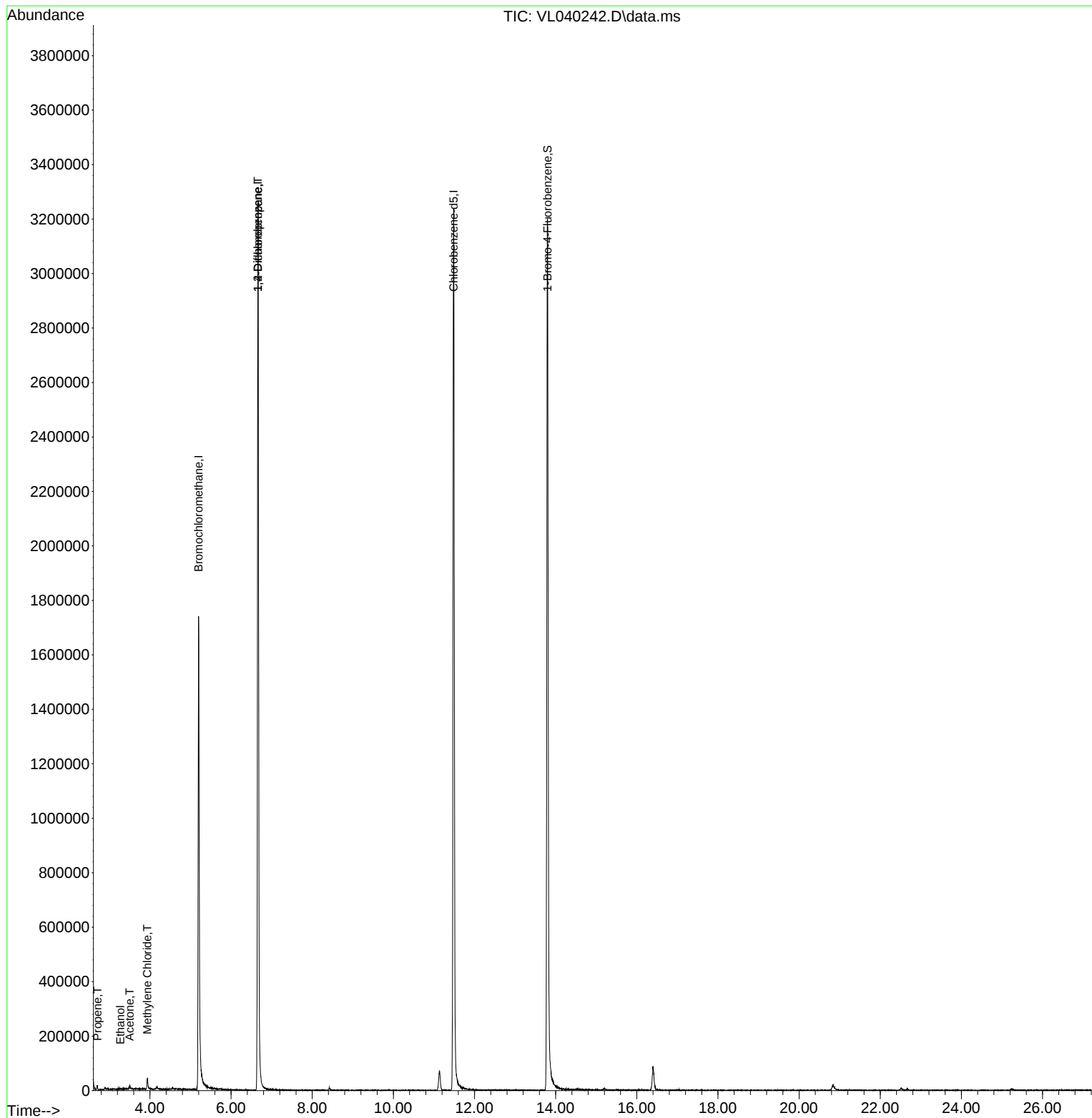
Internal Standards						
1) Bromochloromethane	5.198	49	894562	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.664	114	2447321	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.487	117	2085146	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.799	95	1626774	9.488	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.900%
Target Compounds						
					Qvalue	
9) Propene	2.703	41	2871	0.066	ppbv	90
13) Ethanol	3.269	45	711	0.177	ppbv	72
15) Acetone	3.501	43	11163	0.104	ppbv #	85
20) Methylene Chloride	3.935	84	7835	0.140	ppbv	85
39) 1,2-Dichloropropane	6.661	63	624355	8.427	ppbv #	26

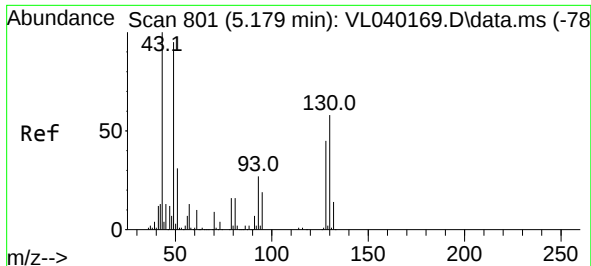
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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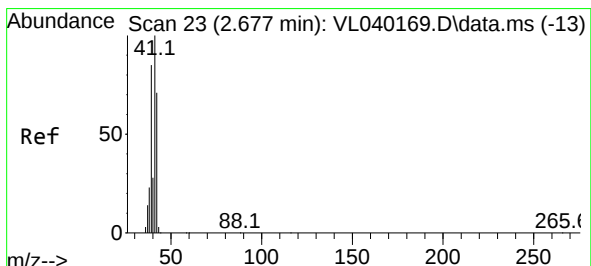
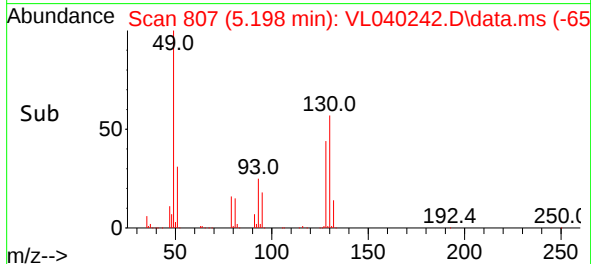
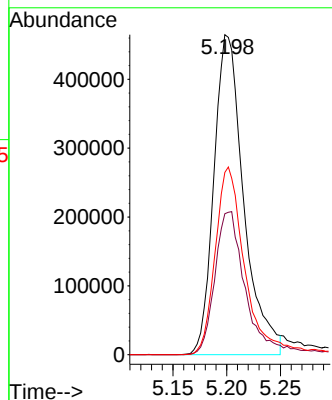
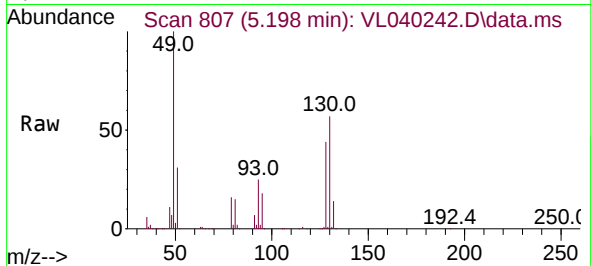




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 80
Delta R.T. -0.003 min
Lab File: VL040242.D
Acq: 28 Feb 2023 9:47

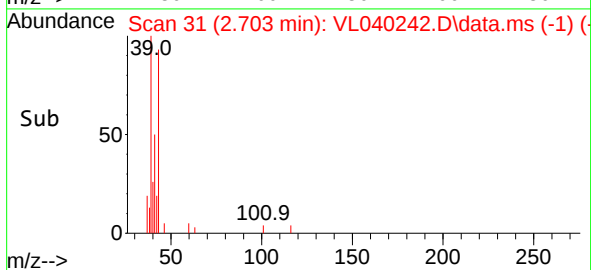
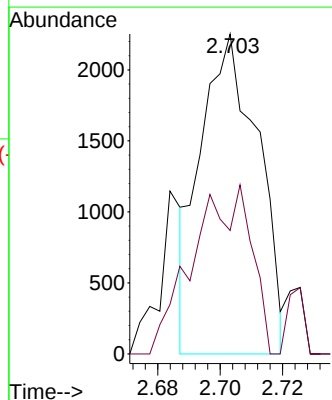
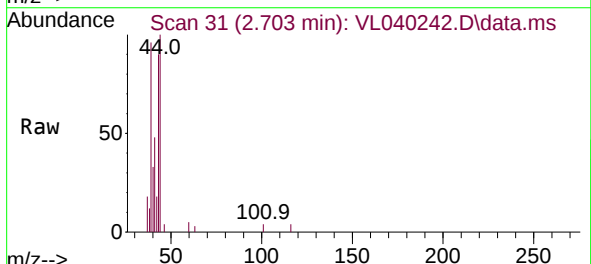
Instrument :
MSVOA_L
ClientSampleId :
VL0228ABL01

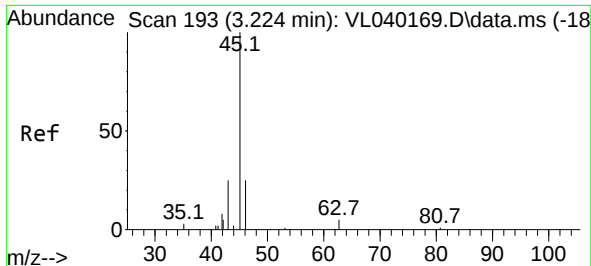
Tgt Ion: 49 Resp: 894562
Ion Ratio Lower Upper
49 100
128 48.6 24.1 72.3
130 61.2 30.9 92.8



#9
Propene
Concen: 0.066 ppbv
RT: 2.703 min Scan# 31
Delta R.T. 0.013 min
Lab File: VL040242.D
Acq: 28 Feb 2023 9:47

Tgt Ion: 41 Resp: 2871
Ion Ratio Lower Upper
41 100
42 63.2 56.9 85.3

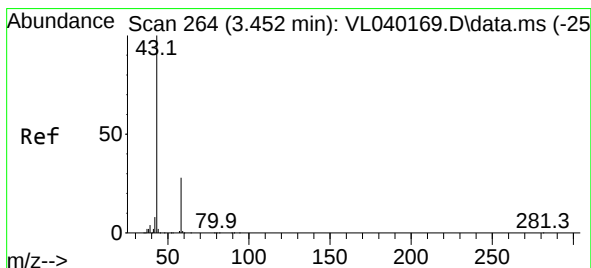
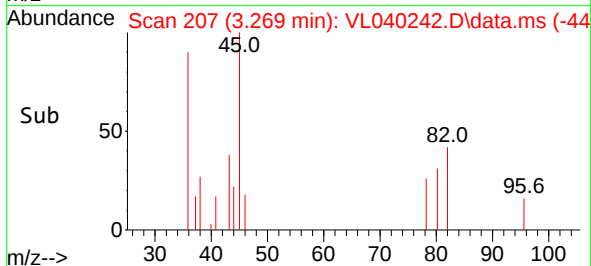
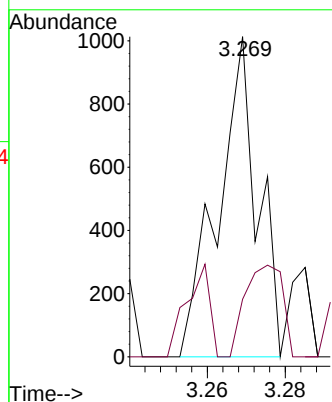
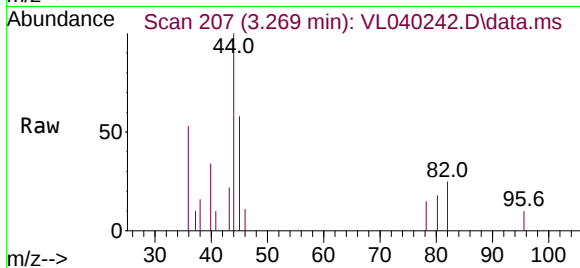




#13
Ethanol
Concen: 0.177 ppbv
RT: 3.269 min Scan# 207
Delta R.T. 0.023 min
Lab File: VL040242.D
Acq: 28 Feb 2023 9:47

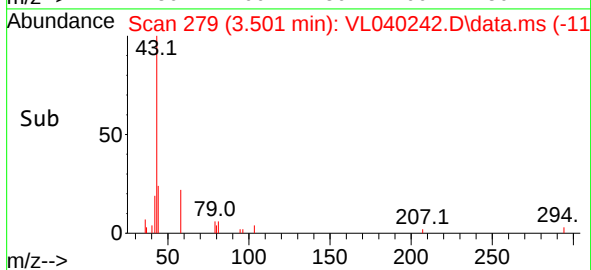
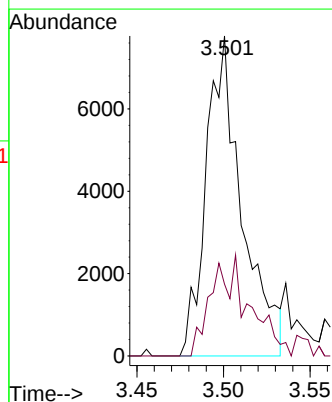
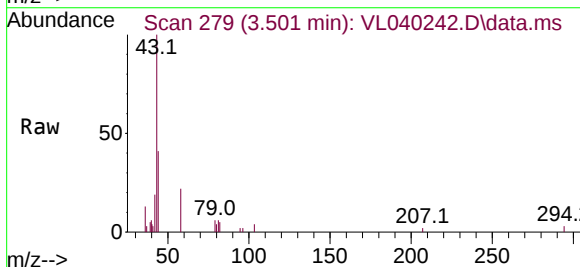
Instrument :
MSVOA_L
ClientSampleId :
VL0228ABL01

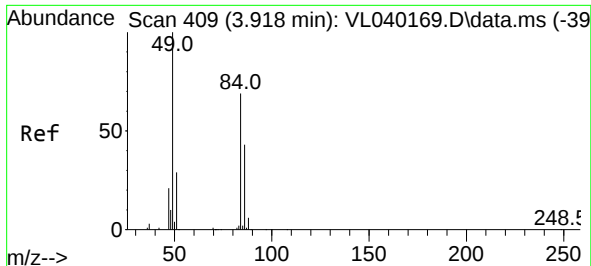
Tgt Ion: 45 Resp: 711
Ion Ratio Lower Upper
45 100
46 49.2 13.3 53.1



#15
Acetone
Concen: 0.104 ppbv
RT: 3.501 min Scan# 279
Delta R.T. 0.032 min
Lab File: VL040242.D
Acq: 28 Feb 2023 9:47

Tgt Ion: 43 Resp: 11163
Ion Ratio Lower Upper
43 100
58 35.9 22.4 33.6#

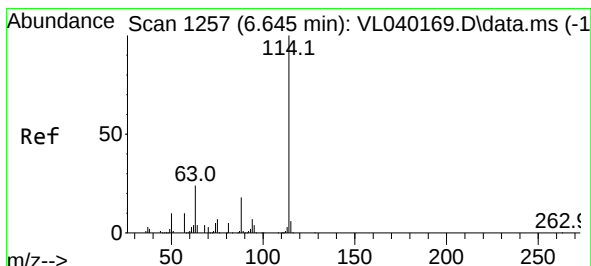
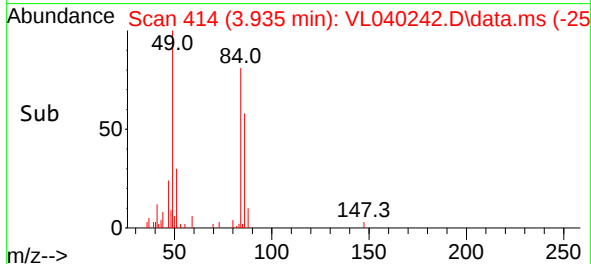
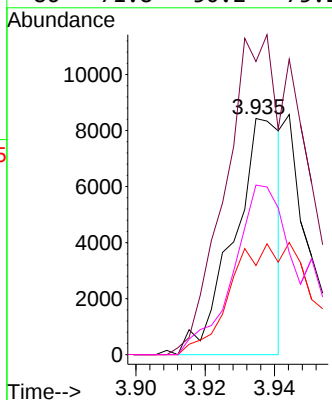
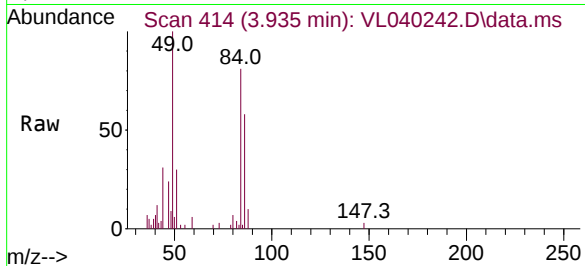




#20
Methylene Chloride
Concen: 0.140 ppbv
RT: 3.935 min Scan# 414
Delta R.T. 0.000 min
Lab File: VL040242.D
Acq: 28 Feb 2023 9:47

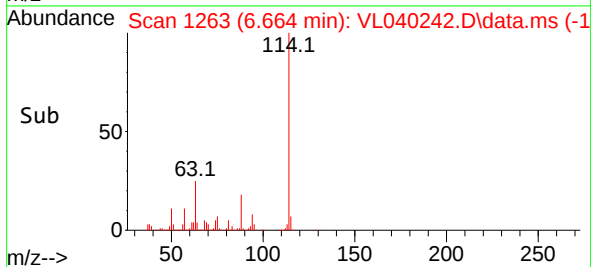
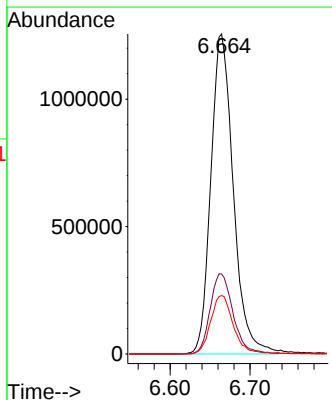
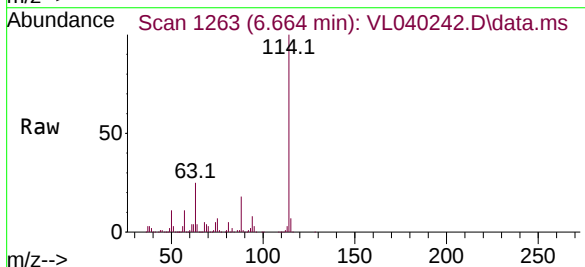
Instrument :
MSVOA_L
ClientSampleId :
VL0228ABL01

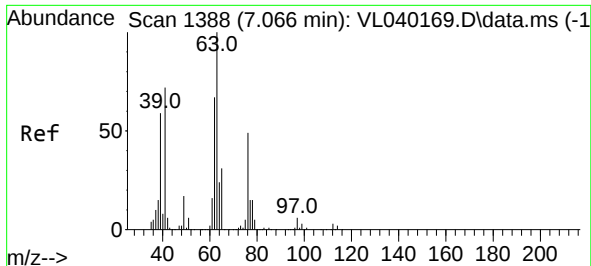
Tgt Ion: 84 Resp: 7835
Ion Ratio Lower Upper
84 100
49 121.2 115.5 173.3
51 37.7 33.1 49.7
86 71.8 50.2 75.2



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.664 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VL040242.D
Acq: 28 Feb 2023 9:47

Tgt Ion: 114 Resp: 2447321
Ion Ratio Lower Upper
114 100
63 25.8 20.4 30.6
88 18.6 14.3 21.5





#39

1,2-Dichloropropane

Concen: 8.427 ppbv

RT: 6.661 min Scan# 11

Delta R.T. -0.424 min

Lab File: VL040242.D

Acq: 28 Feb 2023 9:47

Instrument :

MSVOA_L

ClientSampleId :

VL0228ABL01

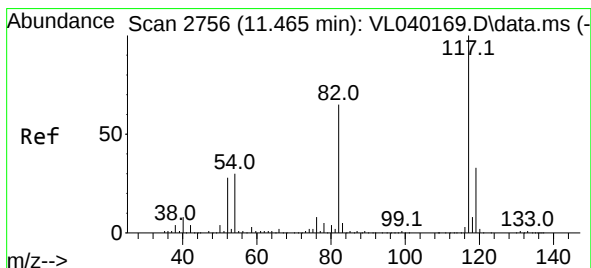
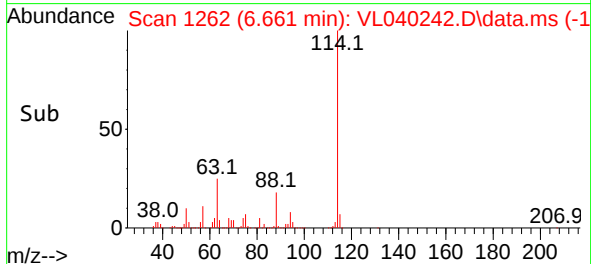
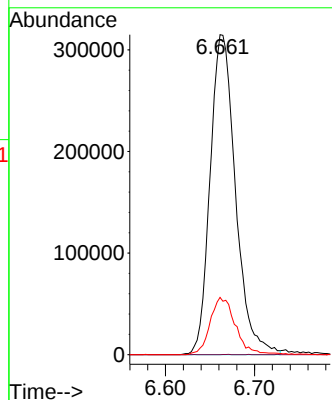
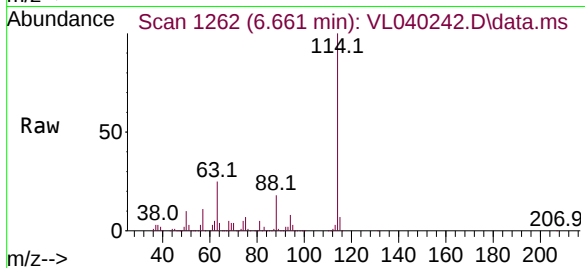
Tgt Ion: 63 Resp: 624355

Ion Ratio Lower Upper

63 100

41 0.0 57.6 86.4#

62 17.9 54.0 81.0#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.487 min Scan# 2763

Delta R.T. 0.000 min

Lab File: VL040242.D

Acq: 28 Feb 2023 9:47

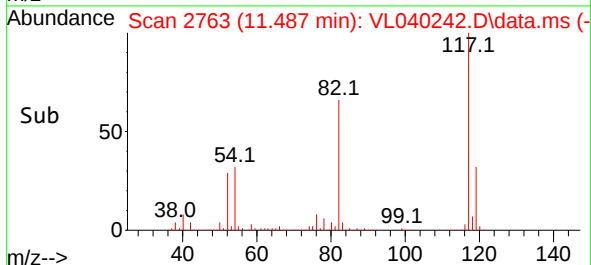
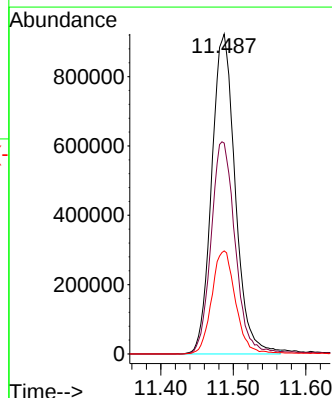
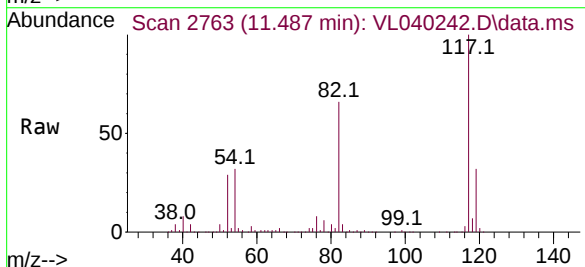
Tgt Ion: 117 Resp: 2085146

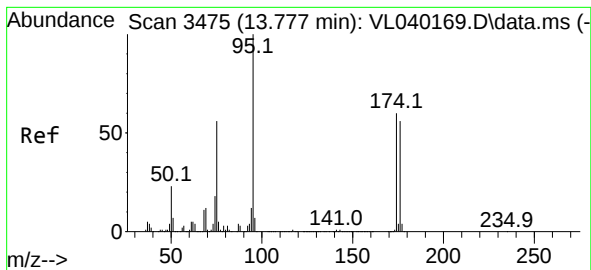
Ion Ratio Lower Upper

117 100

82 68.7 53.3 79.9

119 32.8 24.6 37.0





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.488 ppbv
 RT: 13.799 min Scan# 34
 Delta R.T. 0.003 min
 Lab File: VL040242.D
 Acq: 28 Feb 2023 9:47

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0228ABL01

Tgt Ion: 95 Resp: 1626774

Ion	Ratio	Lower	Upper
95	100		
174	58.6	48.2	72.2
175	4.2	3.4	5.2

