

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011923\
 Data File : VL040120.D
 Acq On : 19 Jan 2023 19:28
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Jan 20 02:09:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Jan 16 14:40:47 2023
 Response via : Initial Calibration

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

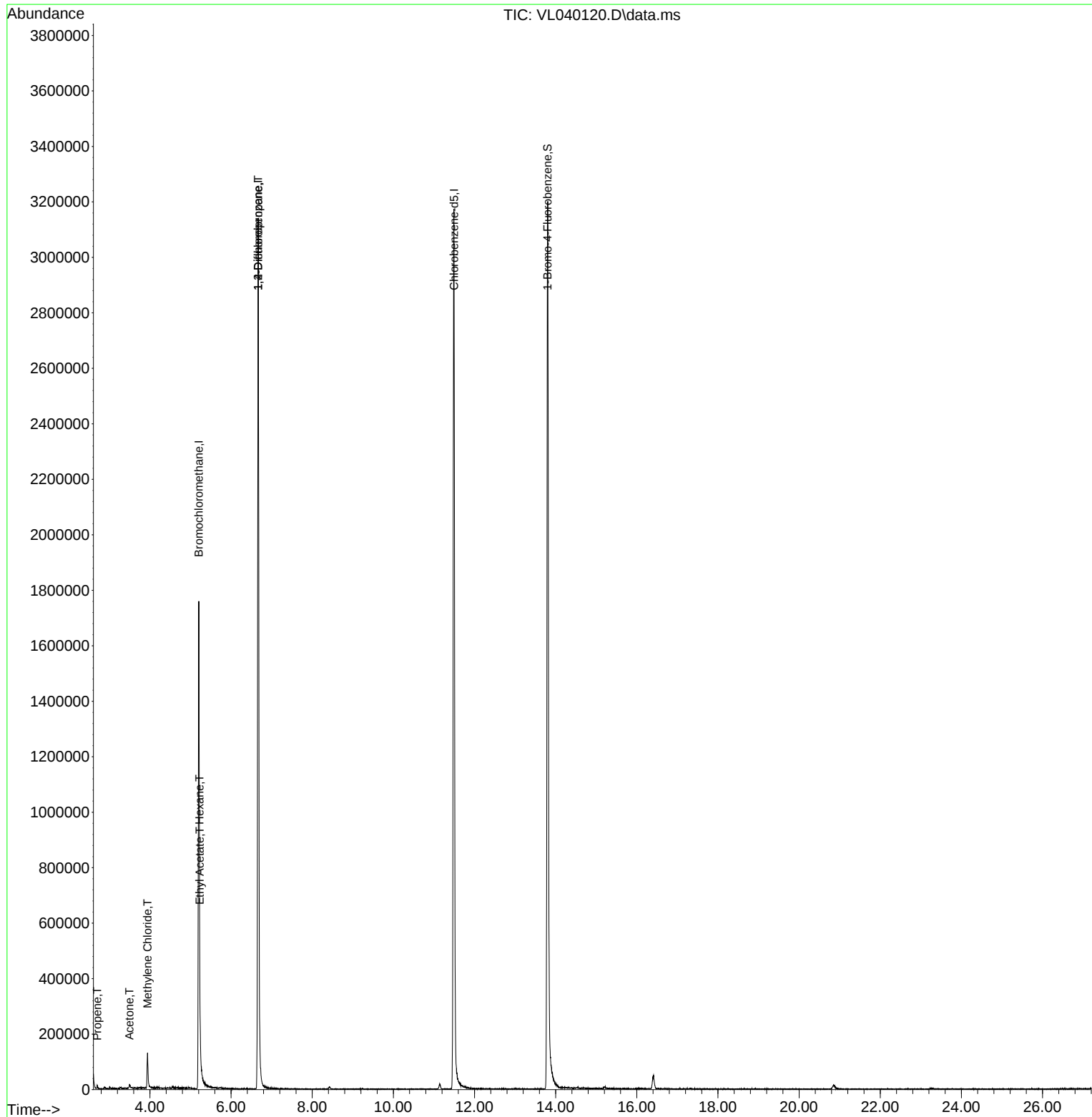
Internal Standards						
1) Bromochloromethane	5.205	49	926300	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.667	114	2529411	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.494	117	2231825	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.802	95	1753497	9.453	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.500%
Target Compounds						
					Qvalue	
9) Propene	2.700	41	2469	0.053	ppbv	94
15) Acetone	3.494	43	5265	0.047	ppbv #	1
20) Methylene Chloride	3.941	84	40315	0.823	ppbv	90
25) Ethyl Acetate	5.227	43	14967	0.076	ppbv #	74
26) Hexane	5.221	57	22514	0.263	ppbv #	36
39) 1,2-Dichloropropane	6.667	63	621954	8.495	ppbv #	22

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
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Response via : Initial Calibration

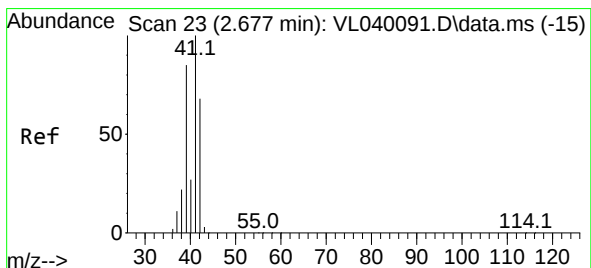
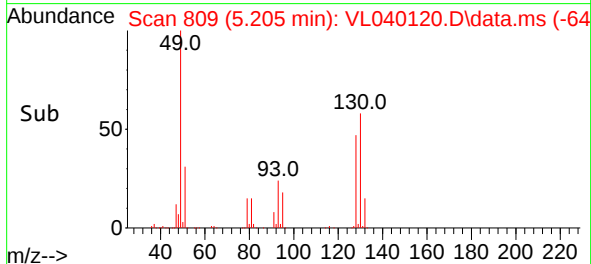
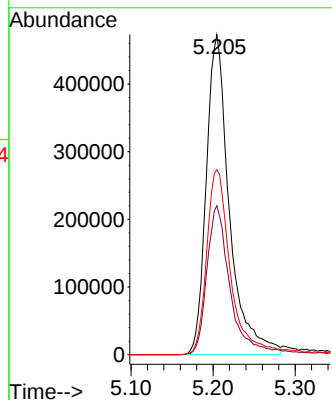
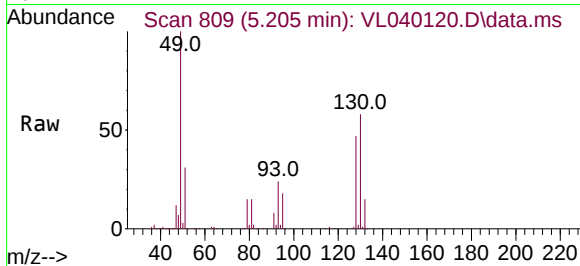




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.205 min Scan# 80
Delta R.T. 0.020 min
Lab File: VL040120.D
Acq: 19 Jan 2023 19:28

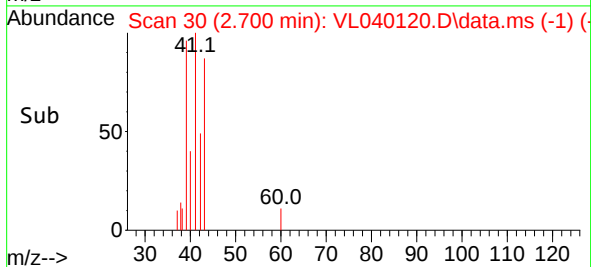
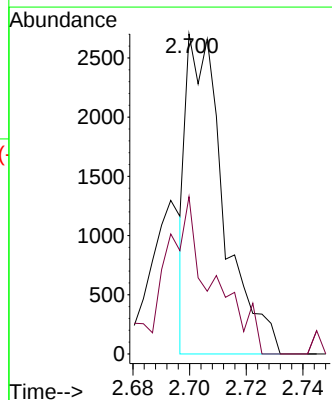
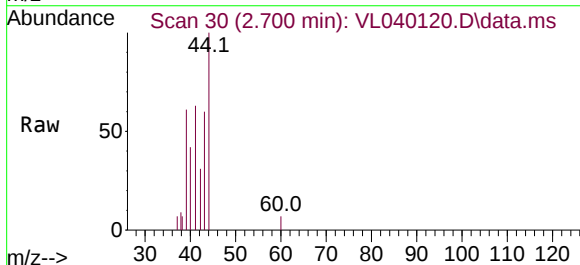
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

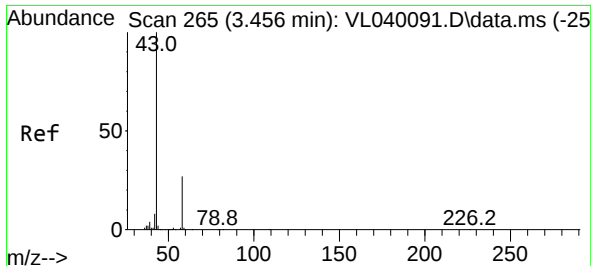
Tgt Ion: 49 Resp: 926300
Ion Ratio Lower Upper
49 100
128 48.2 23.6 71.0
130 61.7 29.8 89.3



#9
Propene
Concen: 0.053 ppbv
RT: 2.700 min Scan# 30
Delta R.T. 0.022 min
Lab File: VL040120.D
Acq: 19 Jan 2023 19:28

Tgt Ion: 41 Resp: 2469
Ion Ratio Lower Upper
41 100
42 64.4 55.6 83.4





#15

Acetone

Concen: 0.047 ppbv

RT: 3.494 min Scan# 21

Delta R.T. 0.038 min

Lab File: VL040120.D

Acq: 19 Jan 2023 19:28

Instrument :

MSVOA_L

ClientSampleId :

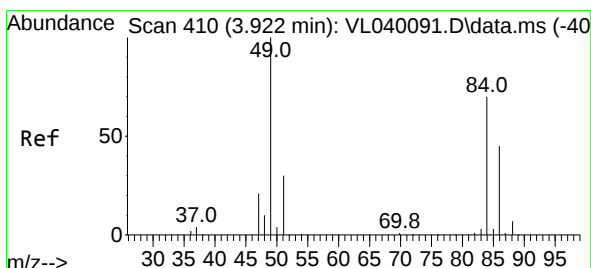
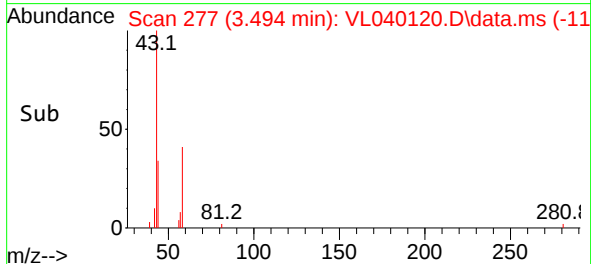
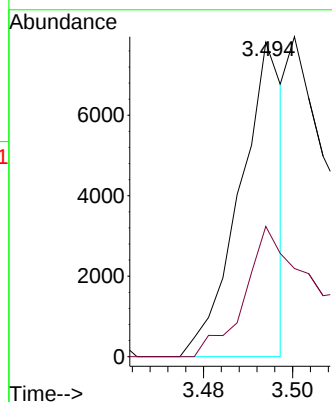
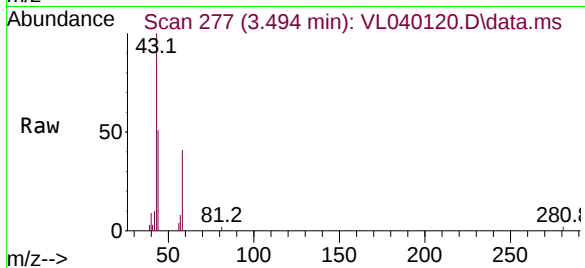
VIBLK

Tgt Ion: 43 Resp: 5265

Ion Ratio Lower Upper

43 100

58 100.2 21.8 32.8#



#20

Methylene Chloride

Concen: 0.823 ppbv

RT: 3.941 min Scan# 416

Delta R.T. 0.019 min

Lab File: VL040120.D

Acq: 19 Jan 2023 19:28

Tgt Ion: 84 Resp: 40315

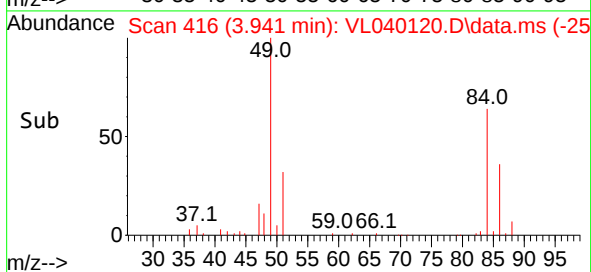
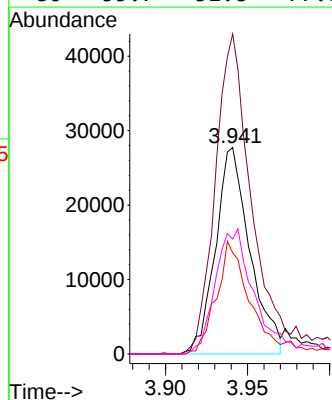
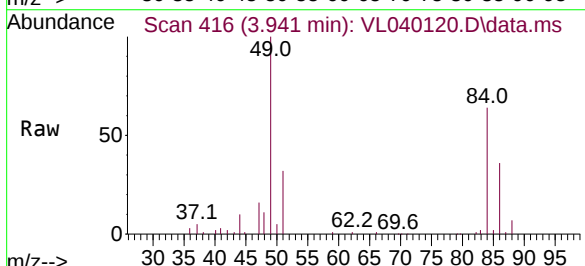
Ion Ratio Lower Upper

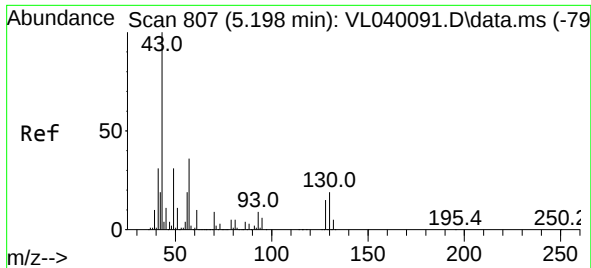
84 100

49 155.1 114.6 171.8

51 49.0 34.3 51.5

86 55.7 51.8 77.8

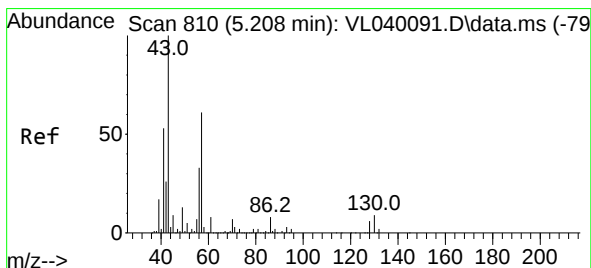
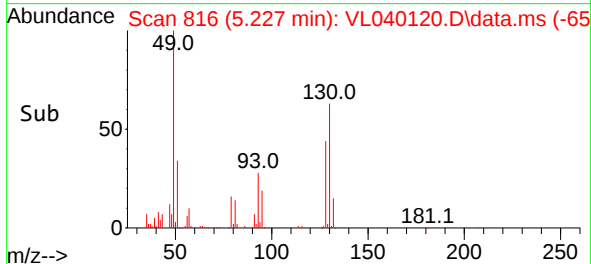
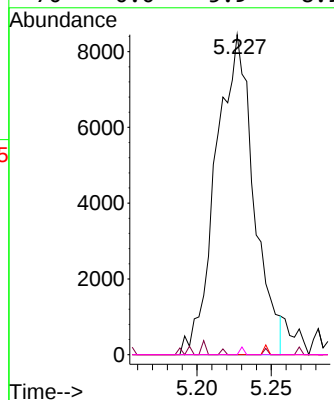
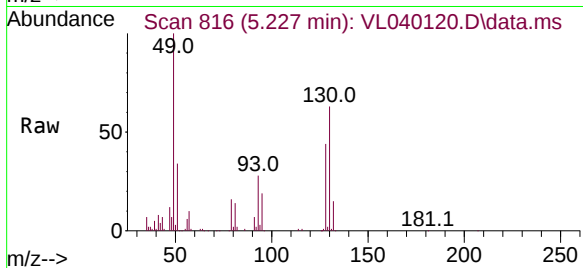




#25
Ethyl Acetate
Concen: 0.076 ppbv
RT: 5.227 min Scan# 816
Delta R.T. 0.029 min
Lab File: VL040120.D
Acq: 19 Jan 2023 19:28

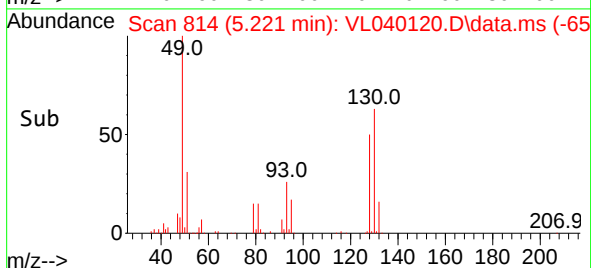
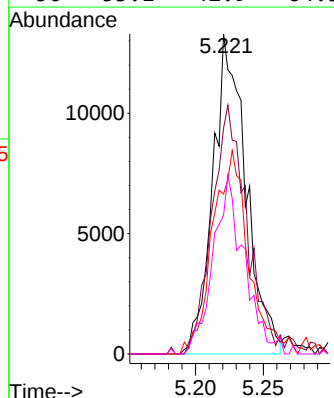
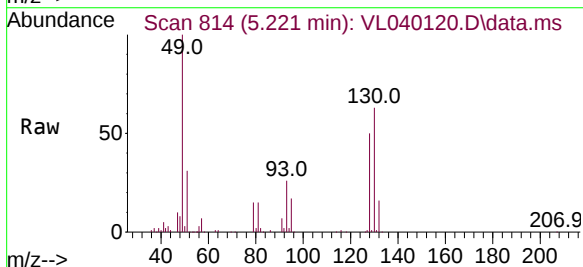
Instrument :
MSVOA_L
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VIBLK

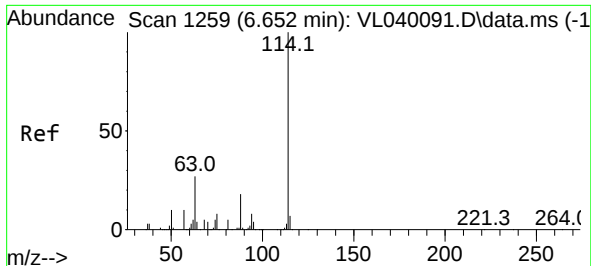
Tgt Ion: 43	Resp: 14967
Ion Ratio	Lower Upper
43	100
45	0.2 8.5 12.7#
61	0.0 8.4 12.6#
70	0.0 5.9 8.9#



#26
Hexane
Concen: 0.263 ppbv
RT: 5.221 min Scan# 814
Delta R.T. 0.013 min
Lab File: VL040120.D
Acq: 19 Jan 2023 19:28

Tgt Ion: 57	Resp: 22514
Ion Ratio	Lower Upper
57	100
41	83.8 72.2 108.4
43	70.8 192.1 288.1#
56	53.1 42.9 64.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.667 min Scan# 1264

Delta R.T. 0.016 min

Lab File: VL040120.D

Acq: 19 Jan 2023 19:28

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

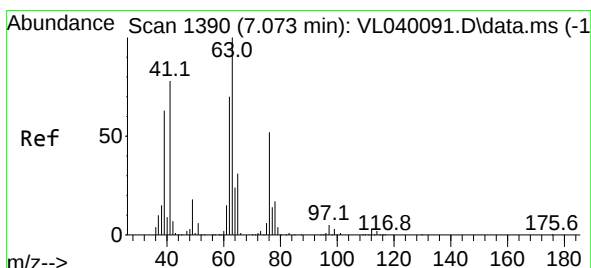
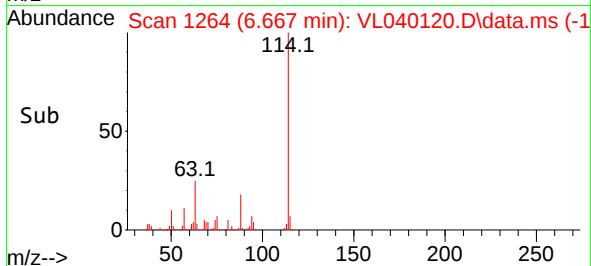
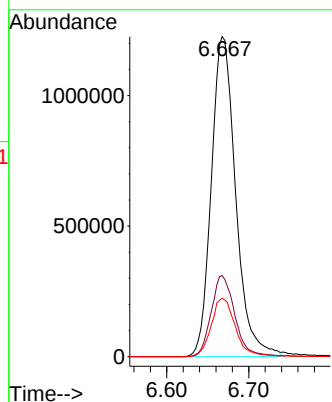
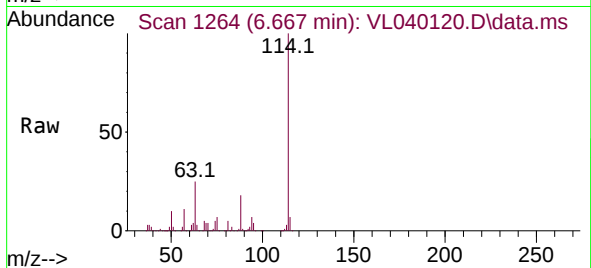
Tgt Ion:114 Resp: 2529411

Ion Ratio Lower Upper

114 100

63 25.0 21.8 32.8

88 18.1 14.8 22.2



#39

1,2-Dichloropropane

Concen: 8.495 ppbv

RT: 6.667 min Scan# 1264

Delta R.T. -0.405 min

Lab File: VL040120.D

Acq: 19 Jan 2023 19:28

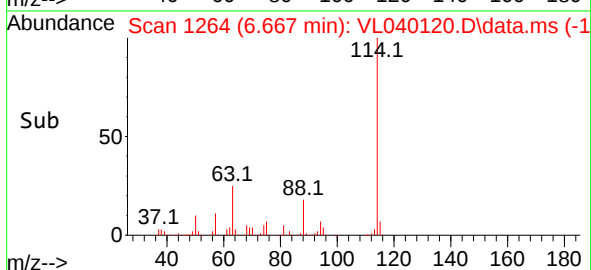
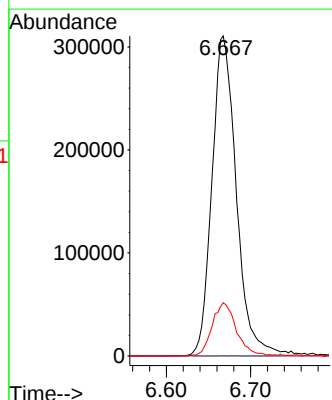
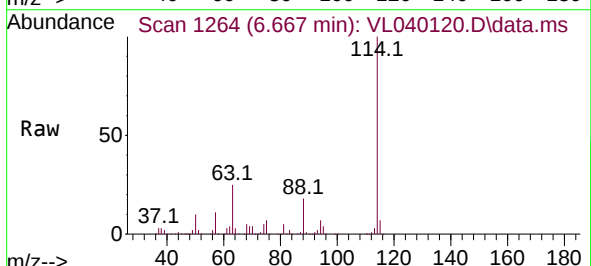
Tgt Ion: 63 Resp: 621954

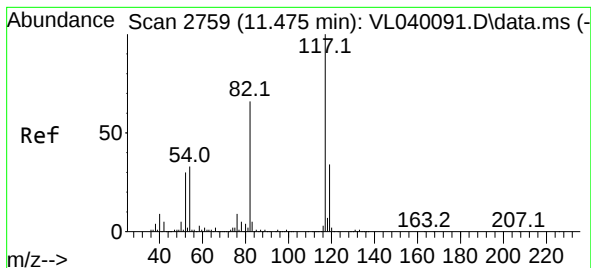
Ion Ratio Lower Upper

63 100

41 0.1 62.2 93.4#

62 16.6 55.8 83.8#

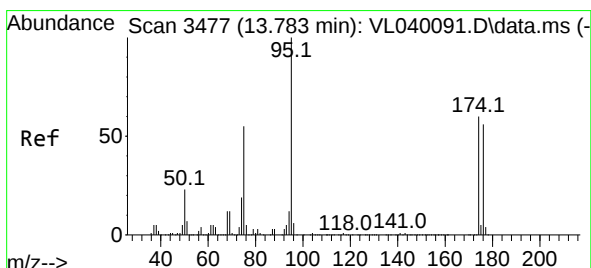
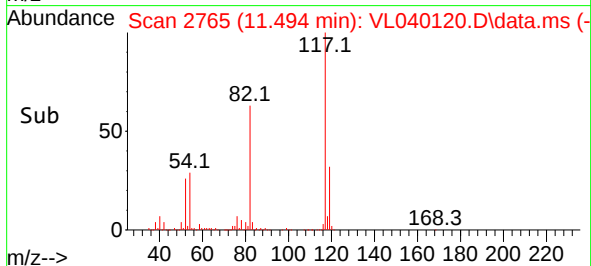
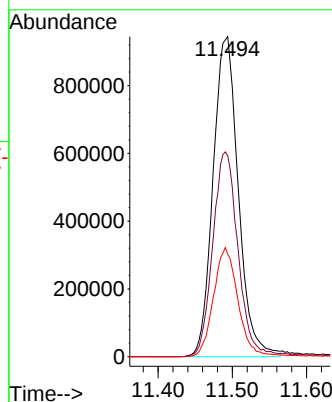
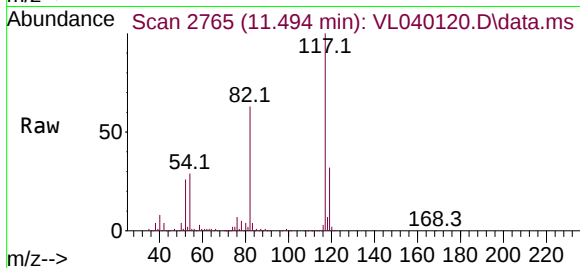




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.494 min Scan# 211
Delta R.T. 0.019 min
Lab File: VL040120.D
Acq: 19 Jan 2023 19:28

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 2231825
Ion Ratio Lower Upper
117 100
82 65.4 54.4 81.6
119 33.3 26.8 40.2



#68
1-Bromo-4-Fluorobenzene
Concen: 9.453 ppbv
RT: 13.802 min Scan# 3483
Delta R.T. 0.019 min
Lab File: VL040120.D
Acq: 19 Jan 2023 19:28

Tgt Ion: 95 Resp: 1753497
Ion Ratio Lower Upper
95 100
174 64.4 47.7 71.5
175 4.6 3.4 5.2

