

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121922\
 Data File : VL040028.D
 Acq On : 19 Dec 2022 14:53
 Operator : SY/MD
 Sample : VL1216ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1219ABL01

Quant Time: Dec 20 04:58:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Dec 20 04:50:21 2022
 Response via : Initial Calibration

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

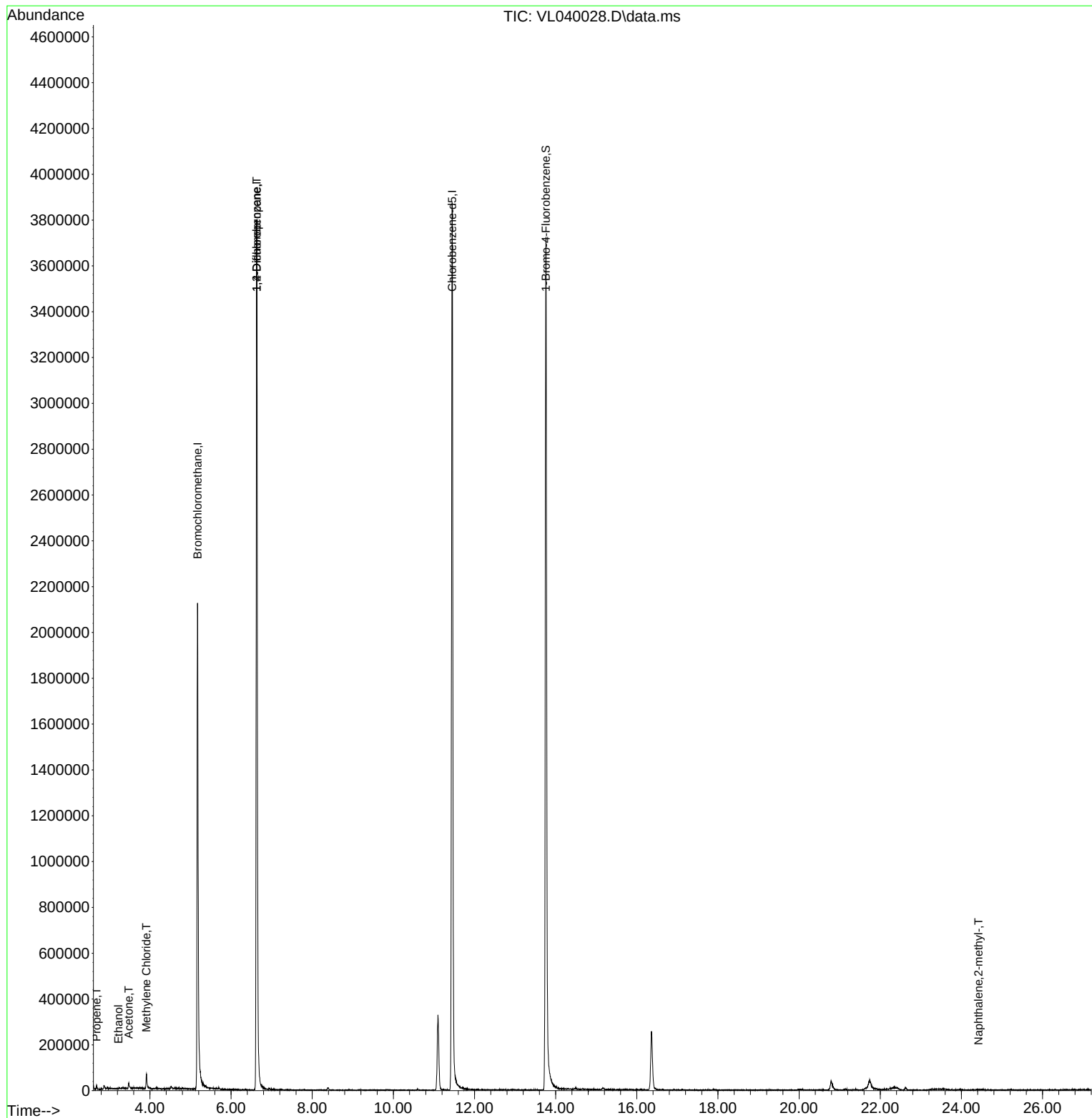
Internal Standards						
1) Bromochloromethane	5.173	49	1054586	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.632	114	2962255	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.449	117	2581318	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.761	95	1936209	9.819	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.200%
Target Compounds						
					Qvalue	
9) Propene	2.684	41	2755	0.042	ppbv	84
13) Ethanol	3.227	45	214	0.034	ppbv #	40
15) Acetone	3.478	43	22061	0.135	ppbv #	77
20) Methylene Chloride	3.909	84	9199	0.133	ppbv	87
39) 1,2-Dichloropropane	6.632	63	730741	7.369	ppbv #	23
80) Naphthalene,2-methyl-	24.426	142	4240	0.069	ppbv #	40

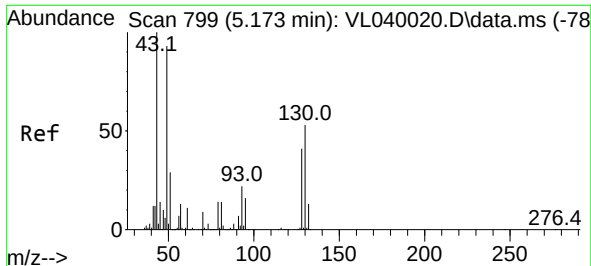
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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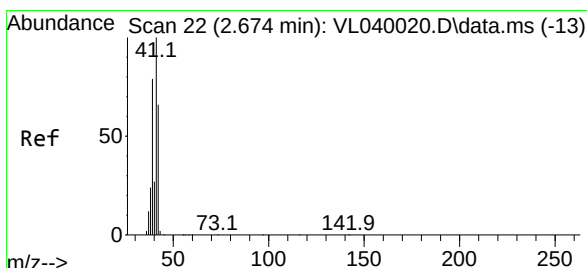
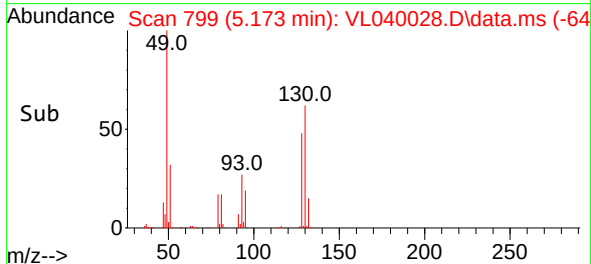
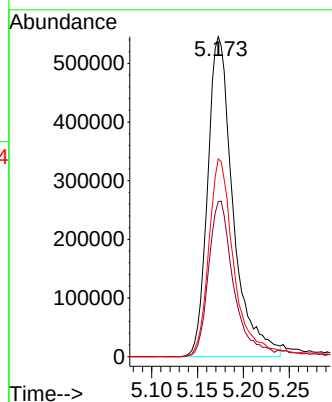
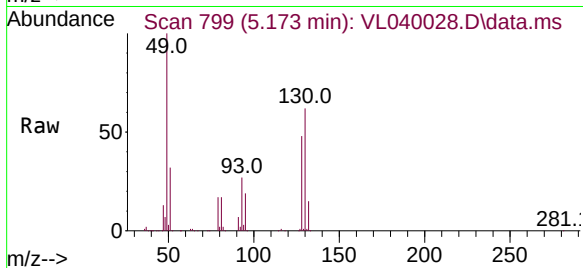




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.173 min Scan# 799
Delta R.T. -0.000 min
Lab File: VL040028.D
Acq: 19 Dec 2022 14:53

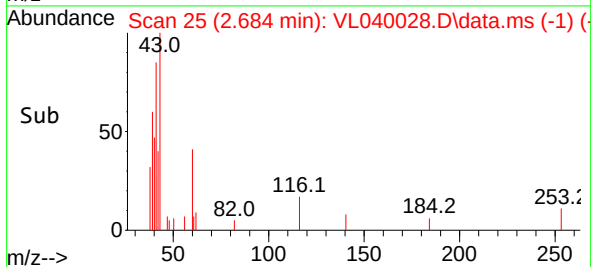
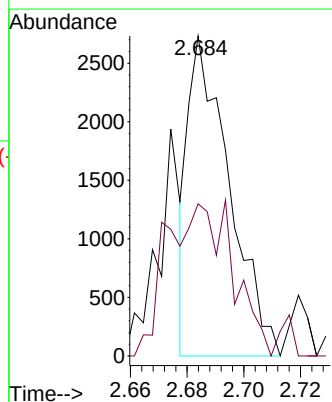
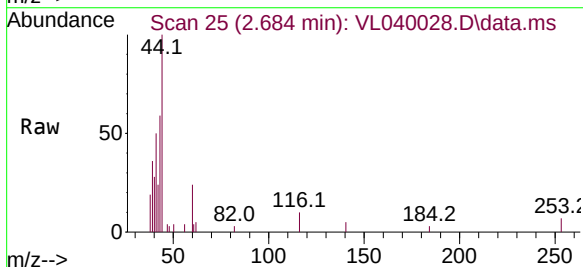
Instrument :
MSVOA_L
ClientSampleId :
VL1219ABL01

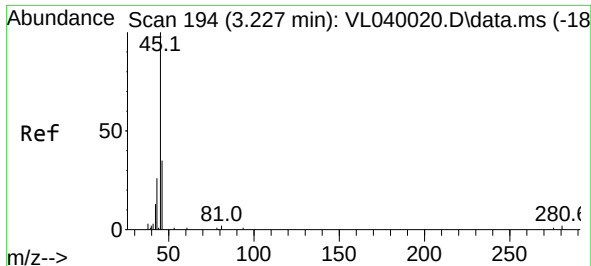
Tgt Ion: 49 Resp: 1054586
Ion Ratio Lower Upper
49 100
128 51.2 22.4 67.3
130 63.3 28.9 86.8



#9
Propene
Concen: 0.042 ppbv
RT: 2.684 min Scan# 25
Delta R.T. 0.010 min
Lab File: VL040028.D
Acq: 19 Dec 2022 14:53

Tgt Ion: 41 Resp: 2755
Ion Ratio Lower Upper
41 100
42 81.2 54.8 82.2

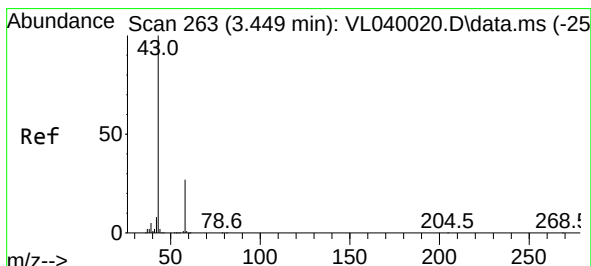
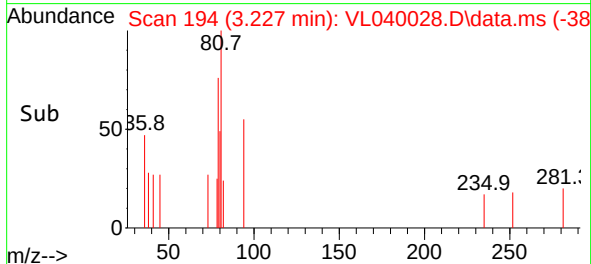
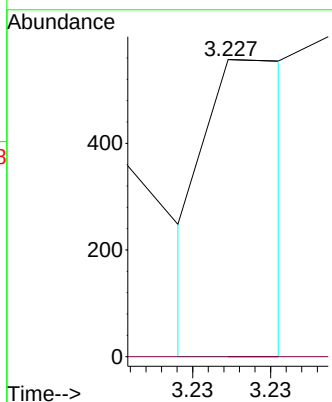
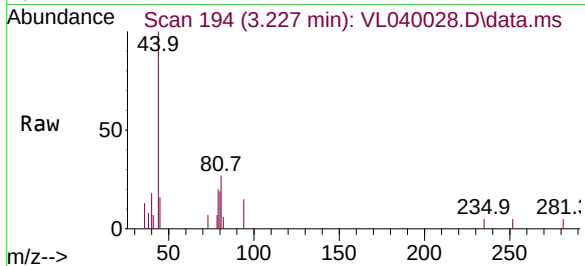




#13
Ethanol
Concen: 0.034 ppbv
RT: 3.227 min Scan# 194
Delta R.T. 0.000 min
Lab File: VL040028.D
Acq: 19 Dec 2022 14:53

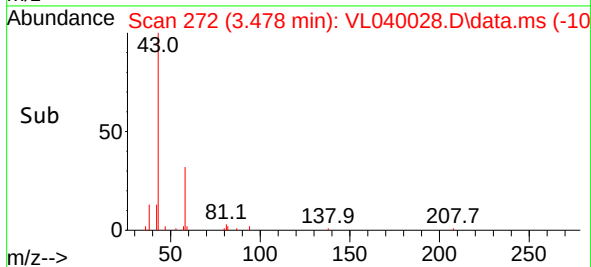
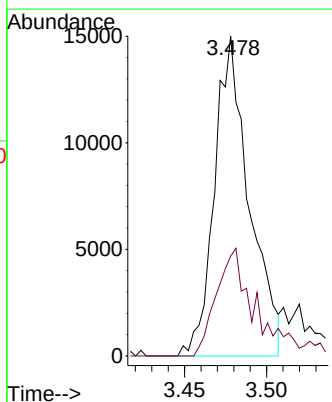
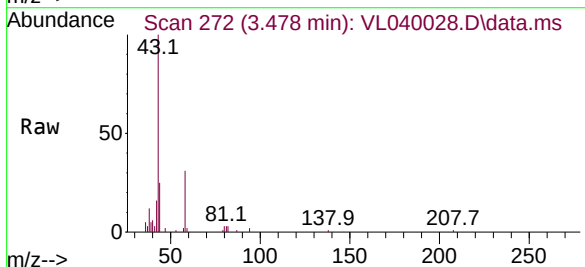
Instrument :
MSVOA_L
ClientSampleId :
VL1219ABL01

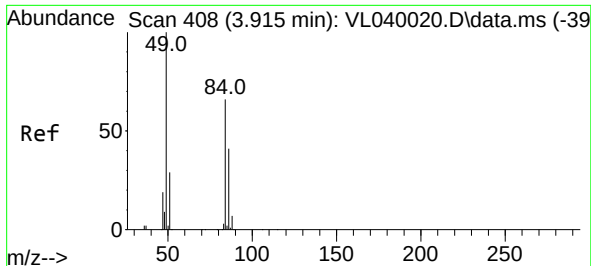
Tgt Ion: 45 Resp: 214
Ion Ratio Lower Upper
45 100
46 0.0 13.7 54.7#



#15
Acetone
Concen: 0.135 ppbv
RT: 3.478 min Scan# 272
Delta R.T. 0.029 min
Lab File: VL040028.D
Acq: 19 Dec 2022 14:53

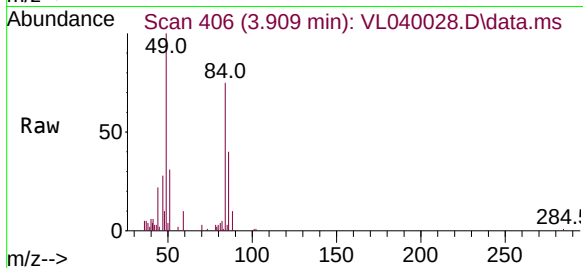
Tgt Ion: 43 Resp: 22061
Ion Ratio Lower Upper
43 100
58 39.0 21.8 32.8#



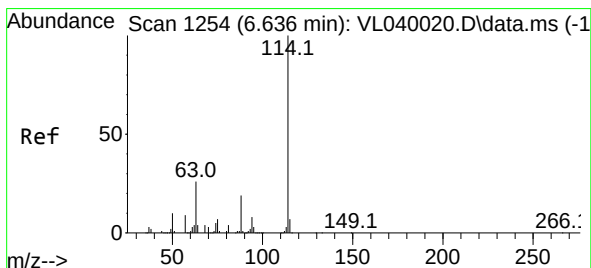
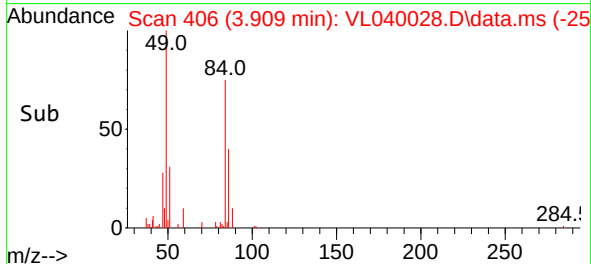
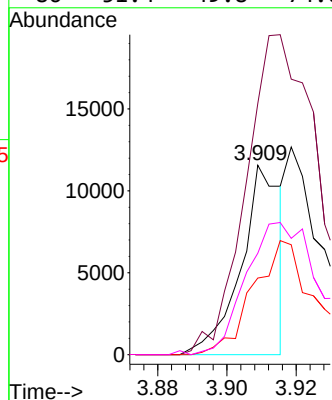


#20
Methylene Chloride
Concen: 0.133 ppbv
RT: 3.909 min Scan# 406
Delta R.T. -0.006 min
Lab File: VL040028.D
Acq: 19 Dec 2022 14:53

Instrument :
MSVOA_L
ClientSampleId :
VL1219ABL01

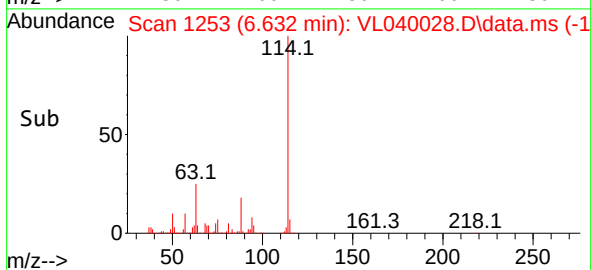
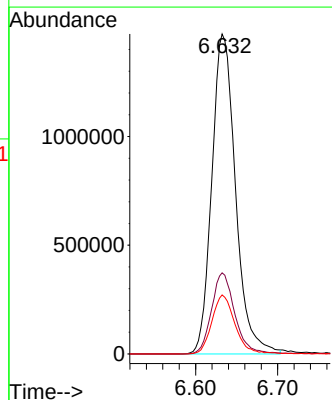
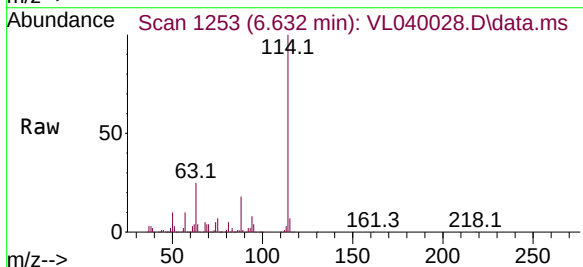


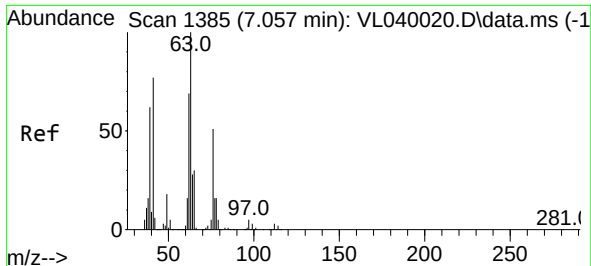
Tgt Ion: 84	Resp: 9199
Ion Ratio	Lower Upper
84 100	
49 132.6	120.5 180.7
51 40.5	35.2 52.8
86 51.4	49.8 74.6



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.632 min Scan# 1253
Delta R.T. -0.003 min
Lab File: VL040028.D
Acq: 19 Dec 2022 14:53

Tgt Ion:114	Resp: 2962255		
Ion	Ratio	Lower	Upper
114	100		
63	25.2	20.2	30.2
88	18.1	14.6	21.8





#39

1,2-Dichloropropane

Concen: 7.369 ppbv

RT: 6.632 min Scan# 11

Delta R.T. -0.424 min

Lab File: VL040028.D

Acq: 19 Dec 2022 14:53

Instrument :

MSVOA_1

ClientSampleId :

VL1219ABL01

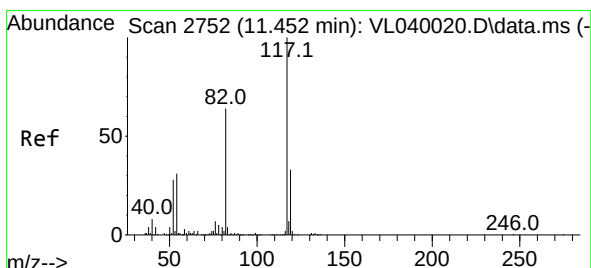
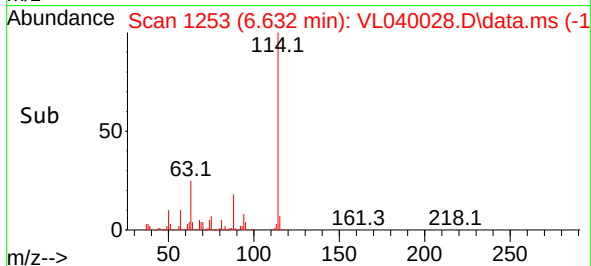
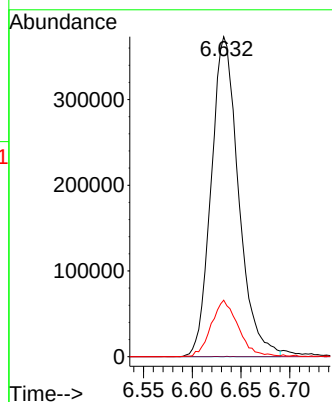
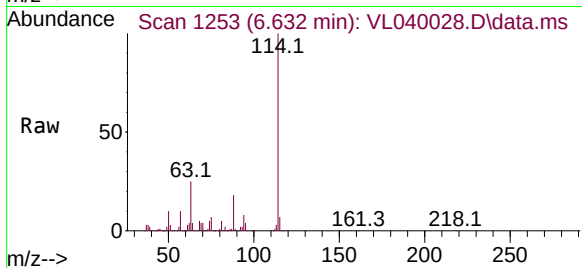
Tgt Ion: 63 Resp: 730741

Ion Ratio Lower Upper

63 100

41 0.0 61.4 92.0#

62 17.7 55.4 83.2#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.449 min Scan# 2751

Delta R.T. -0.003 min

Lab File: VL040028.D

Acq: 19 Dec 2022 14:53

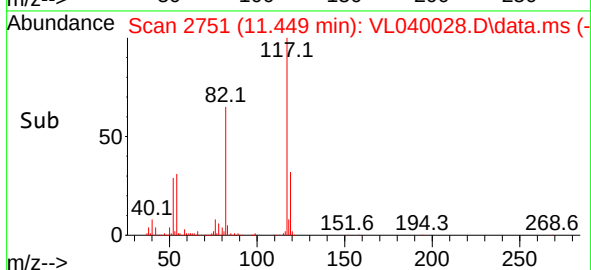
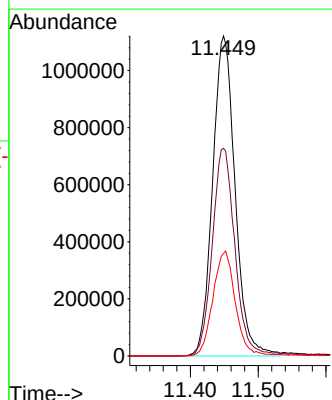
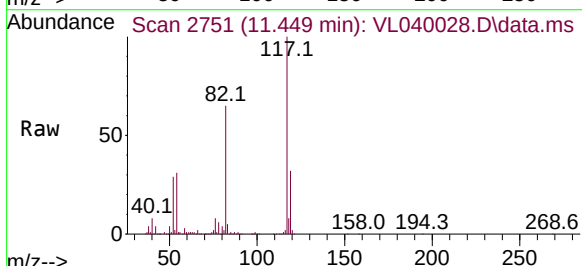
Tgt Ion: 117 Resp: 2581318

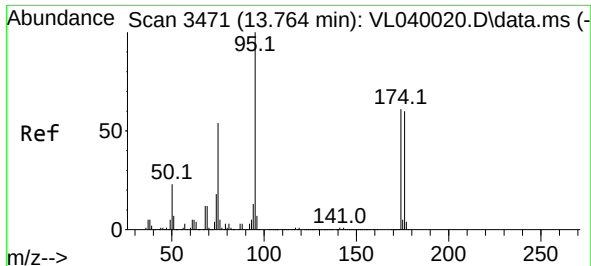
Ion Ratio Lower Upper

117 100

82 66.3 51.2 76.8

119 33.0 23.2 34.8

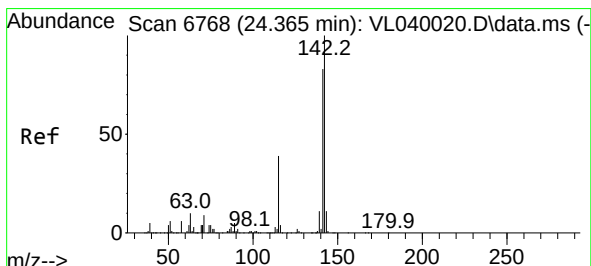
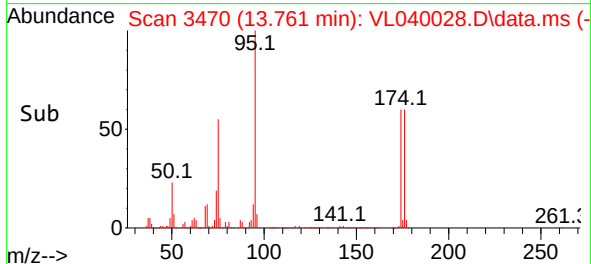
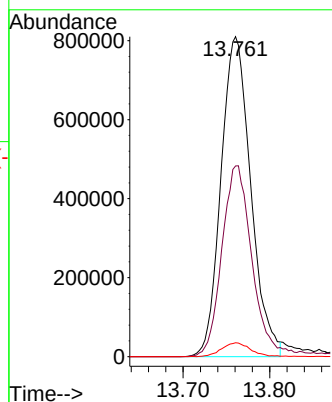
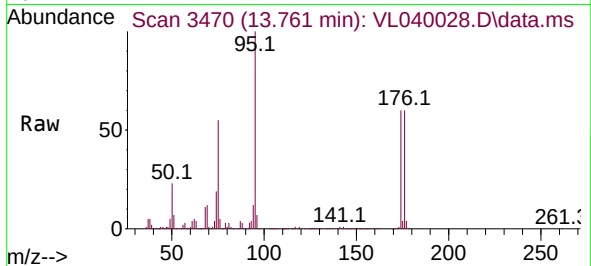




#68
1-Bromo-4-Fluorobenzene
Concen: 9.819 ppbv
RT: 13.761 min Scan# 3471
Delta R.T. -0.003 min
Lab File: VL040028.D
Acq: 19 Dec 2022 14:53

Instrument :
MSVOA_1
ClientSampleId :
VL1219ABL01

Tgt Ion: 95 Resp: 1936209
Ion Ratio Lower Upper
95 100
174 62.1 48.6 73.0
175 4.4 3.4 5.2



#80
Naphthalene,2-methyl-
Concen: 0.069 ppbv
RT: 24.426 min Scan# 6787
Delta R.T. 0.061 min
Lab File: VL040028.D
Acq: 19 Dec 2022 14:53

Tgt Ion:142 Resp: 4240
Ion Ratio Lower Upper
142 100
141 18.8 65.3 97.9#
115 15.3 31.9 47.9#

