

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110922\
 Data File : VL039847.D
 Acq On : 9 Nov 2022 14:18
 Operator : SY/AP
 Sample : QC110722 CAN 1032
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC110722 CAN 10329

Quant Time: Nov 10 03:48:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Nov 03 09:27:12 2022
 Response via : Initial Calibration

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

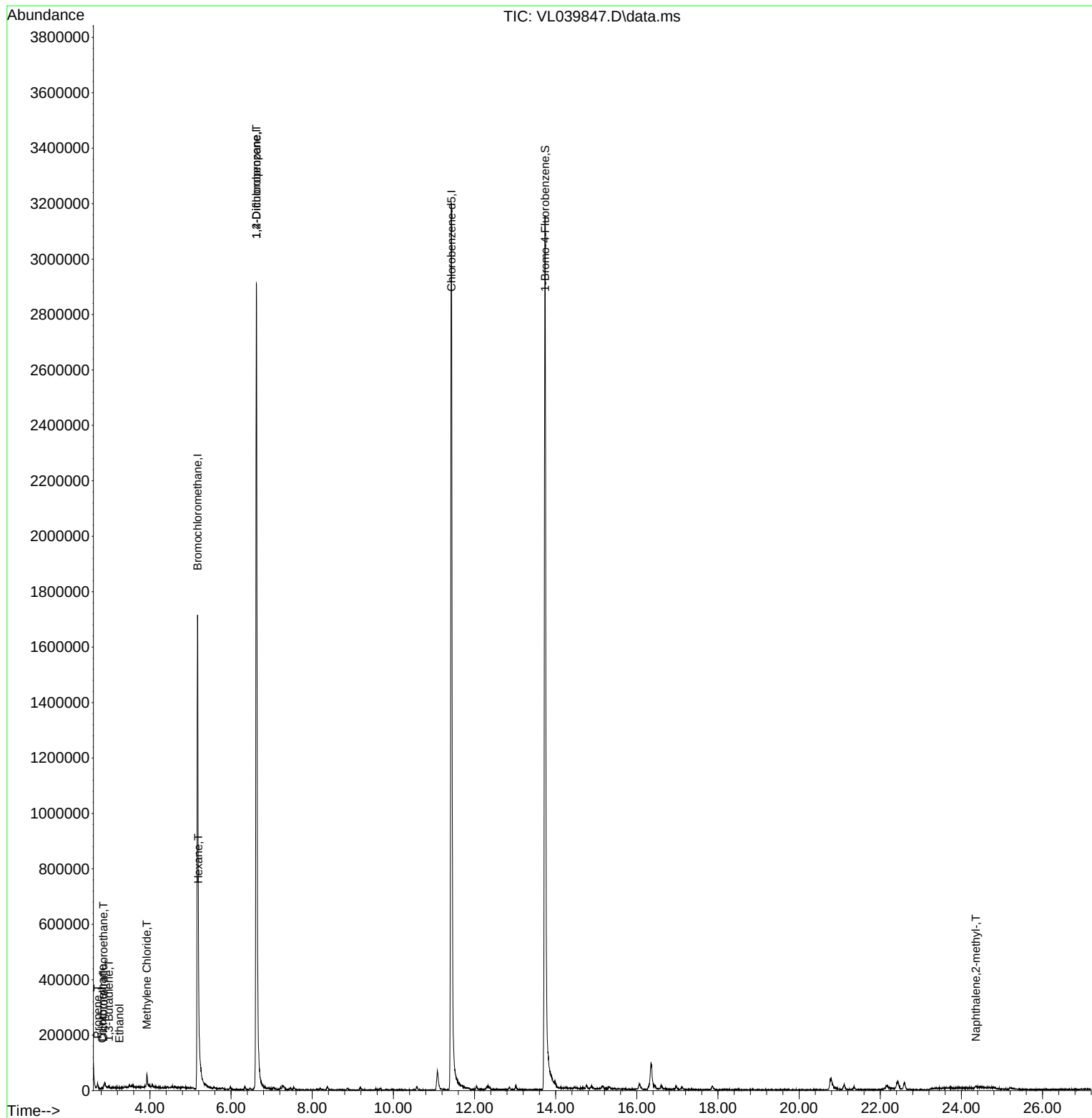
Internal Standards							
1) Bromochloromethane		5.173	49	899308	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene		6.626	114	2423788	10.000	ppbv	-0.02
55) Chlorobenzene-d5		11.430	117	2170864	10.000	ppbv	-0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene		13.741	95	1741872	10.720	ppbv	-0.02
Spiked Amount		10.000	Range 65 - 135		Recovery	= 107.200%	
Target Compounds							
							Qvalue
4) Chloromethane		2.822	50	2247	0.034	ppbv	97
8) Dichlorotetrafluoroethane		2.857	85	4032	0.031	ppbv	95
9) Propene		2.710	41	5306	0.095	ppbv	99
13) Ethanol		3.247	45	188	0.048	ppbv #	34
16) 1,3-Butadiene		2.989	39	2052	0.040	ppbv	88
20) Methylene Chloride		3.925	84	8419	0.215	ppbv #	82
26) Hexane		5.195	57	6956	0.069	ppbv #	72
39) 1,2-Dichloropropane		6.626	63	615458	7.726	ppbv #	28
80) Naphthalene,2-methyl-		24.358	142	5579	0.074	ppbv #	87

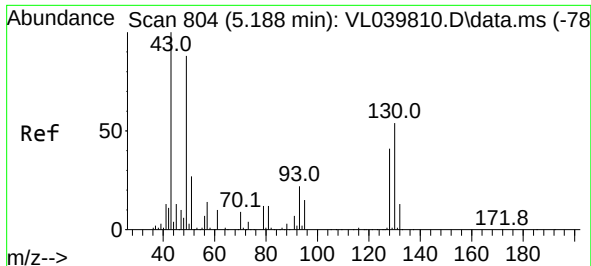
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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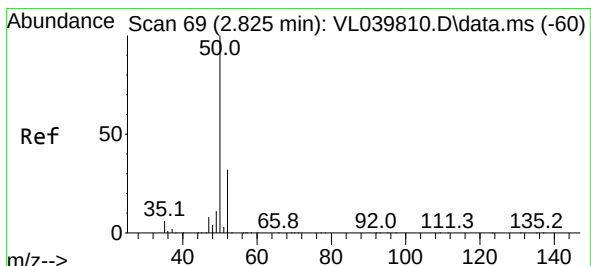
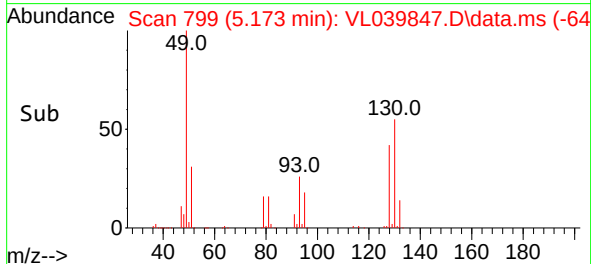
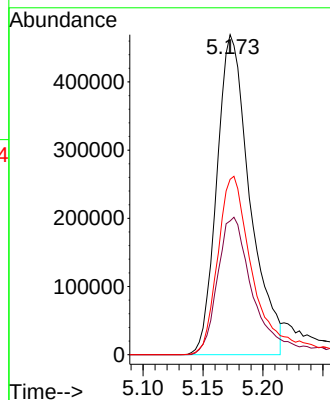
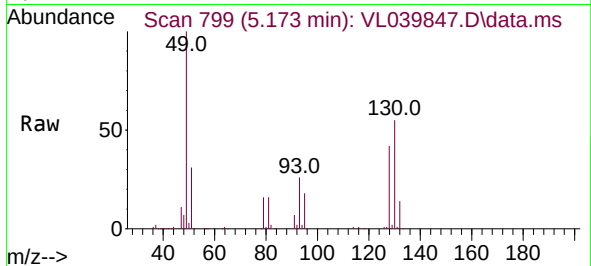




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.173 min Scan# 79
Delta R.T. -0.015 min
Lab File: VL039847.D
Acq: 9 Nov 2022 14:18

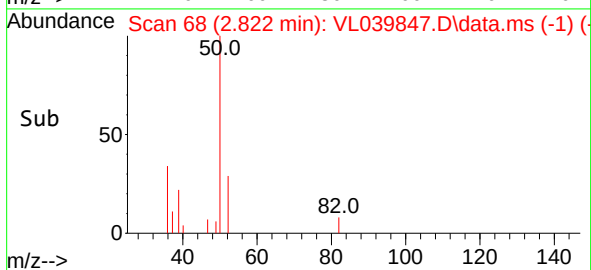
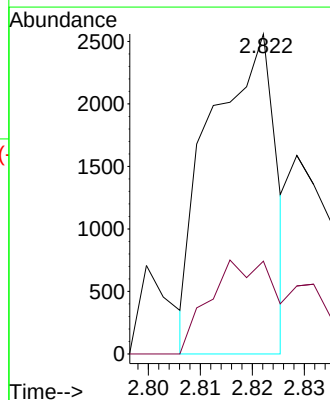
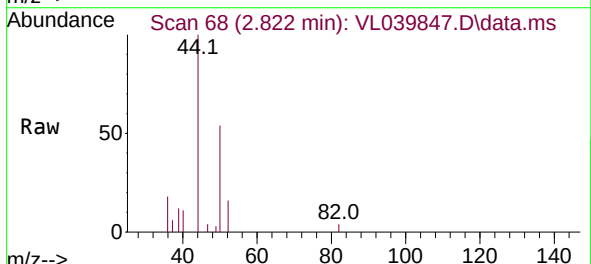
Instrument :
MSVOA_L
ClientSampleId :
QC110722 CAN 10329

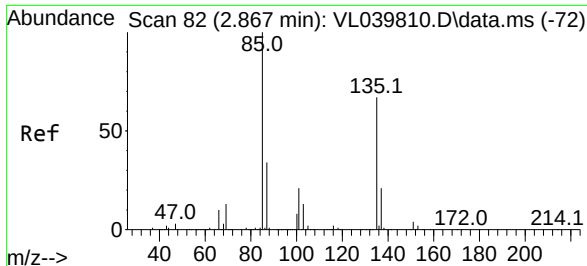
Tgt Ion: 49 Resp: 899308
Ion Ratio Lower Upper
49 100
128 48.9 24.6 73.6
130 64.5 31.1 93.2



#4
Chloromethane
Concen: 0.034 ppbv
RT: 2.822 min Scan# 68
Delta R.T. -0.003 min
Lab File: VL039847.D
Acq: 9 Nov 2022 14:18

Tgt Ion: 50 Resp: 2247
Ion Ratio Lower Upper
50 100
52 33.5 25.5 38.3

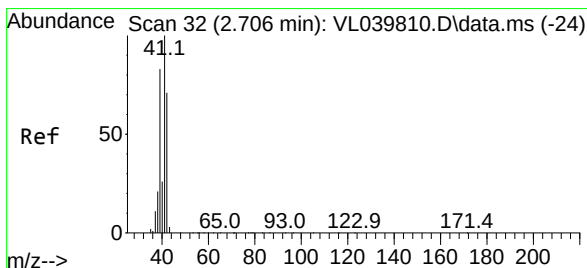
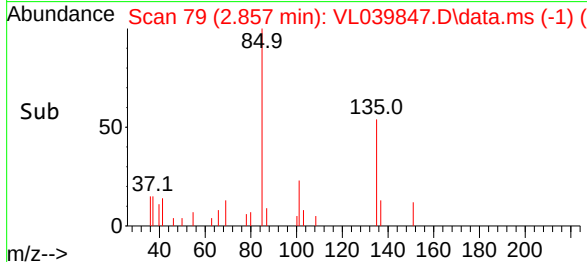
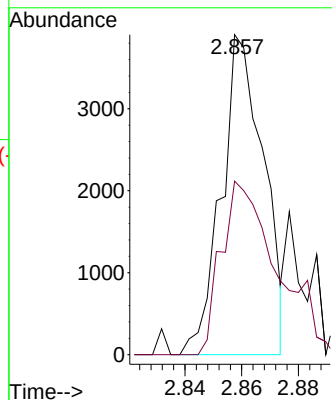
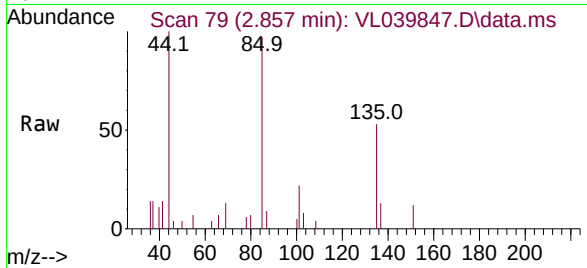




#8
 Dichlorotetrafluoroethane
 Concen: 0.031 ppbv
 RT: 2.857 min Scan# 79
 Delta R.T. -0.010 min
 Lab File: VL039847.D
 Acq: 9 Nov 2022 14:18

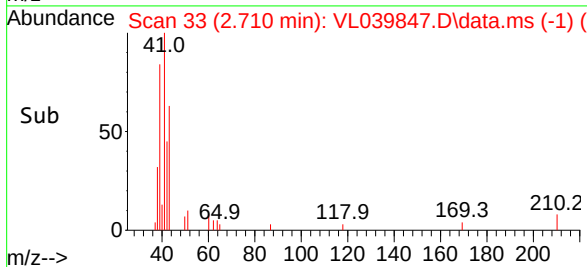
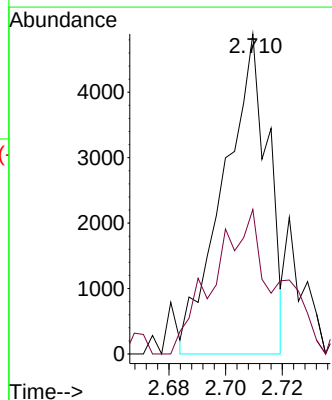
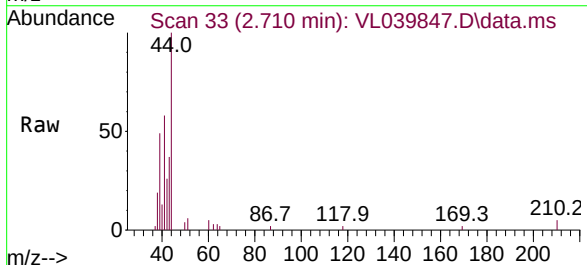
Instrument :
 MSVOA_L
 ClientSampleId :
 QC110722 CAN 10329

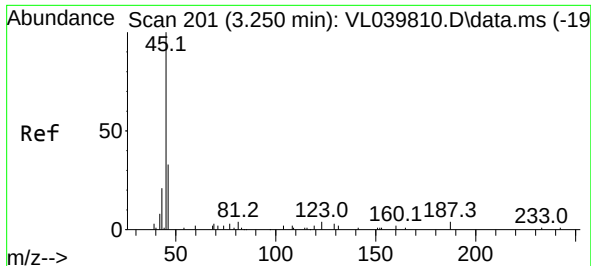
Tgt Ion: 85 Resp: 4032
 Ion Ratio Lower Upper
 85 100
 135 75.0 56.7 85.1



#9
 Propene
 Concen: 0.095 ppbv
 RT: 2.710 min Scan# 33
 Delta R.T. 0.003 min
 Lab File: VL039847.D
 Acq: 9 Nov 2022 14:18

Tgt Ion: 41 Resp: 5306
 Ion Ratio Lower Upper
 41 100
 42 71.2 56.3 84.5

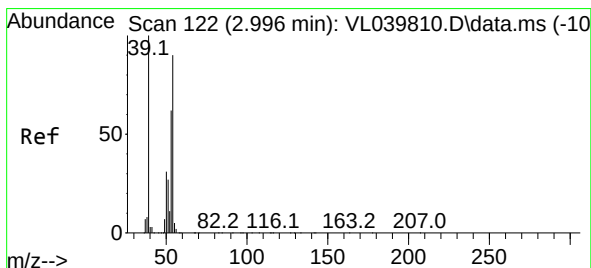
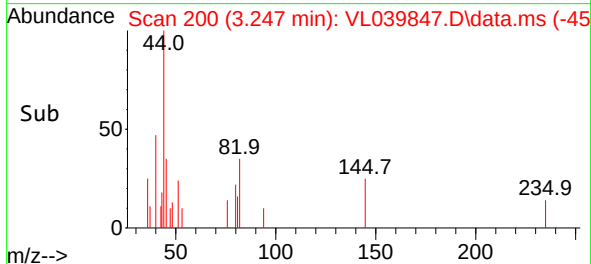
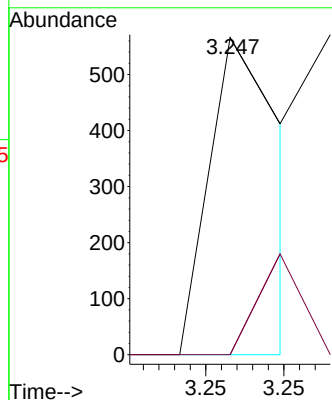
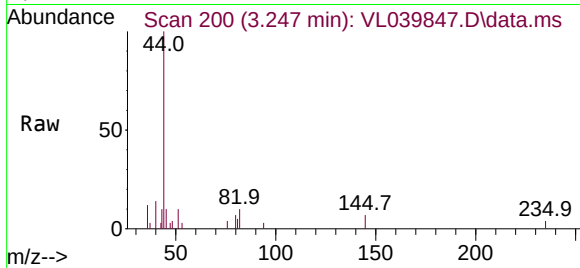




#13
Ethanol
Concen: 0.048 ppbv
RT: 3.247 min Scan# 20
Delta R.T. -0.003 min
Lab File: VL039847.D
Acq: 9 Nov 2022 14:18

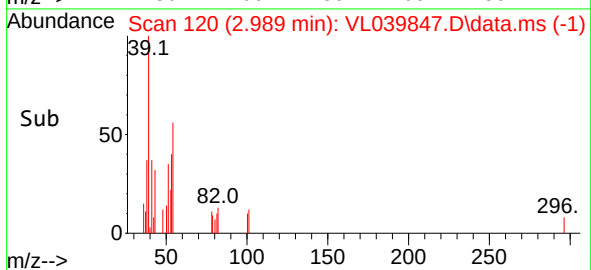
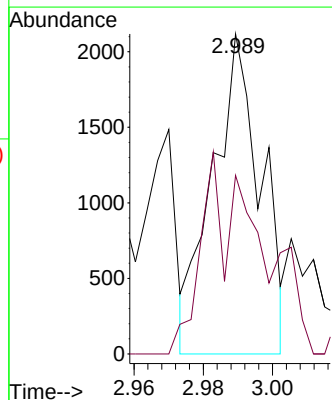
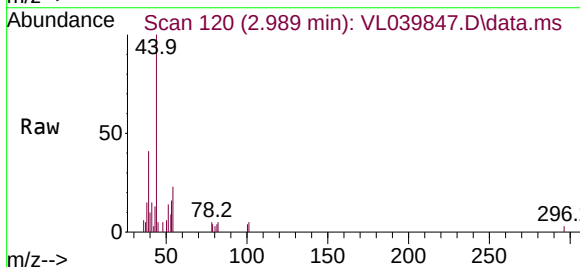
Instrument :
MSVOA_L
ClientSampleId :
QC110722 CAN 10329

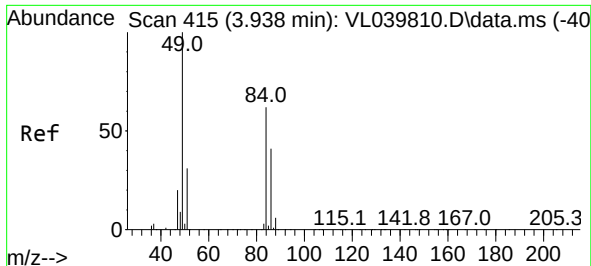
Tgt Ion: 45 Resp: 188
Ion Ratio Lower Upper
45 100
46 0.0 16.5 65.9#



#16
1,3-Butadiene
Concen: 0.040 ppbv
RT: 2.989 min Scan# 120
Delta R.T. -0.006 min
Lab File: VL039847.D
Acq: 9 Nov 2022 14:18

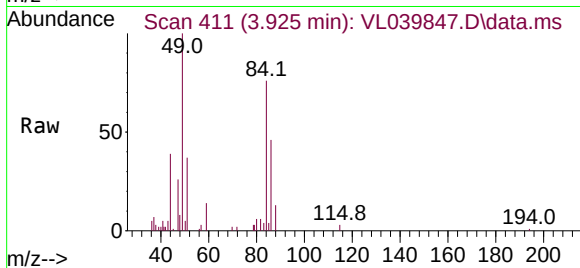
Tgt Ion: 39 Resp: 2052
Ion Ratio Lower Upper
39 100
54 77.8 71.0 106.4





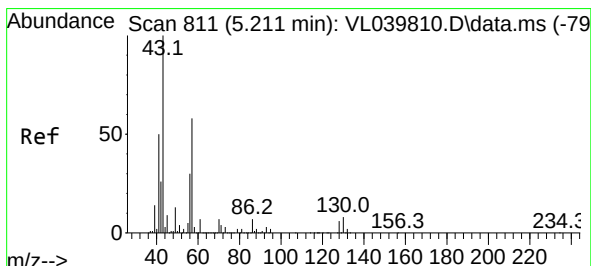
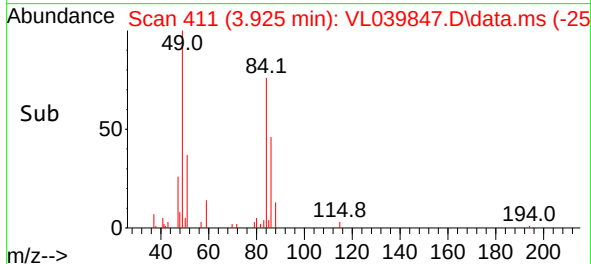
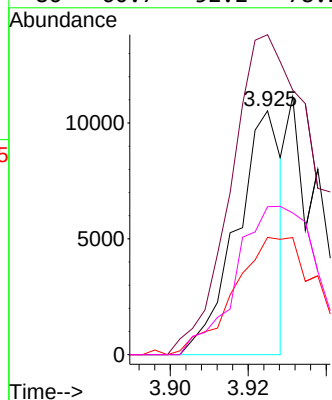
#20
Methylene Chloride
Concen: 0.215 ppbv
RT: 3.925 min Scan# 415
Delta R.T. -0.013 min
Lab File: VL039847.D
Acq: 9 Nov 2022 14:18

Instrument :
MSVOA_L
ClientSampleId :
QC110722 CAN 10329



Tgt Ion: 84 Resp: 8419

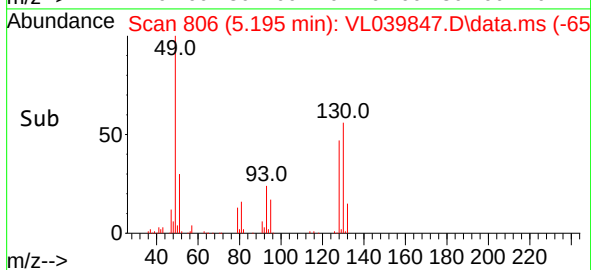
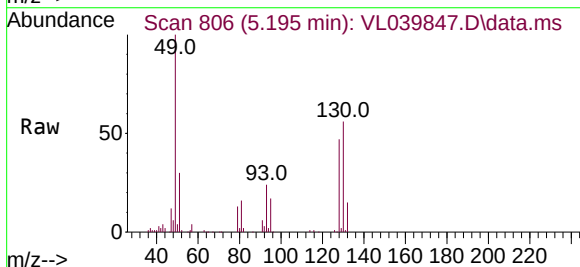
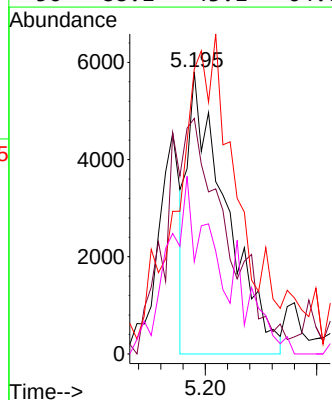
Ion	Ratio	Lower	Upper
84	100		
49	124.8	128.6	192.8#
51	46.5	40.2	60.4
86	60.7	52.2	78.2

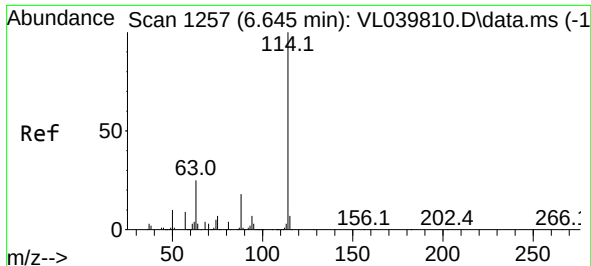


#26
Hexane
Concen: 0.069 ppbv
RT: 5.195 min Scan# 806
Delta R.T. -0.016 min
Lab File: VL039847.D
Acq: 9 Nov 2022 14:18

Tgt Ion: 57 Resp: 6956

Ion	Ratio	Lower	Upper
57	100		
41	133.5	73.7	110.5#
43	206.4	189.8	284.8
56	88.1	43.1	64.7#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.626 min Scan# 1

Delta R.T. -0.019 min

Lab File: VL039847.D

Acq: 9 Nov 2022 14:18

Instrument :

MSVOA_L

ClientSampleId :

QC110722 CAN 10329

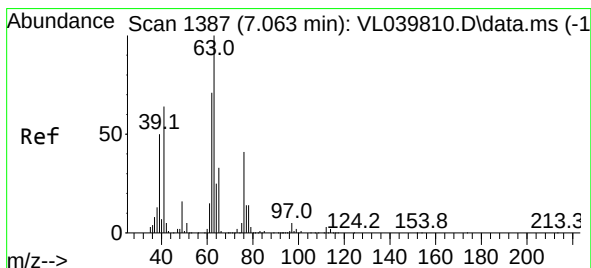
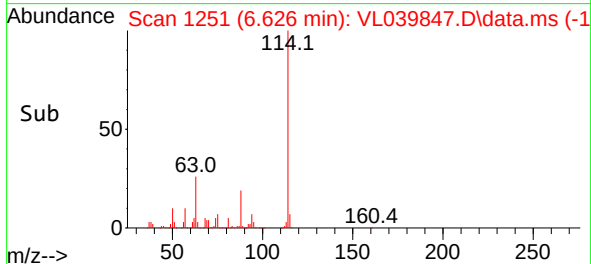
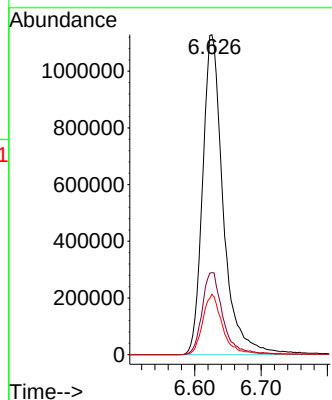
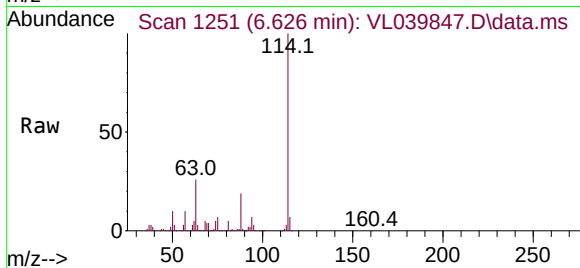
Tgt Ion:114 Resp: 2423788

Ion Ratio Lower Upper

114 100

63 26.2 19.8 29.6

88 18.7 14.4 21.6



#39

1,2-Dichloropropane

Concen: 7.726 ppbv

RT: 6.626 min Scan# 1251

Delta R.T. -0.437 min

Lab File: VL039847.D

Acq: 9 Nov 2022 14:18

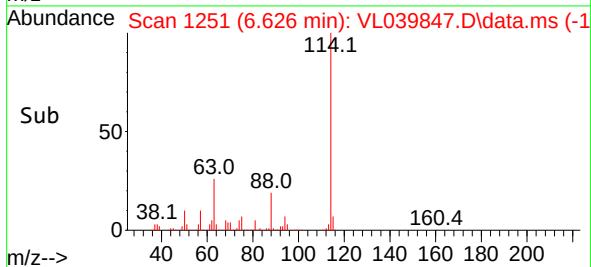
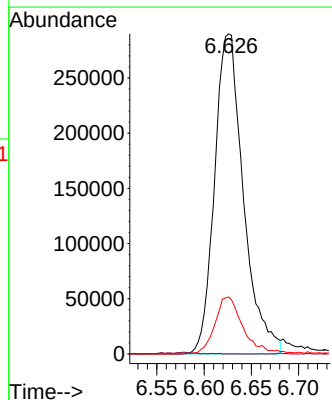
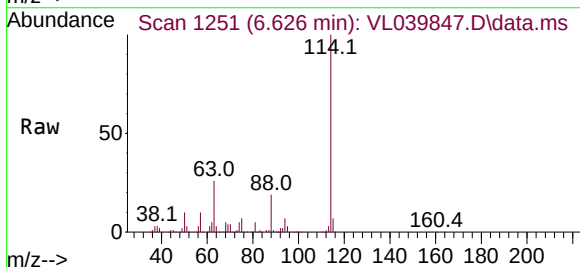
Tgt Ion: 63 Resp: 615458

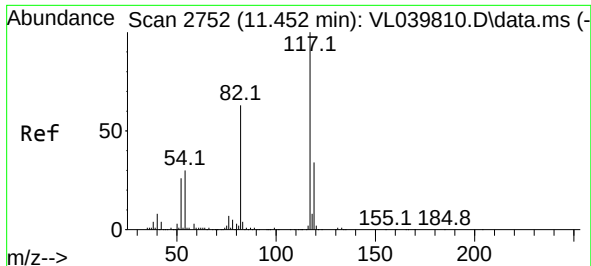
Ion Ratio Lower Upper

63 100

41 0.0 51.0 76.4#

62 17.8 56.6 85.0#

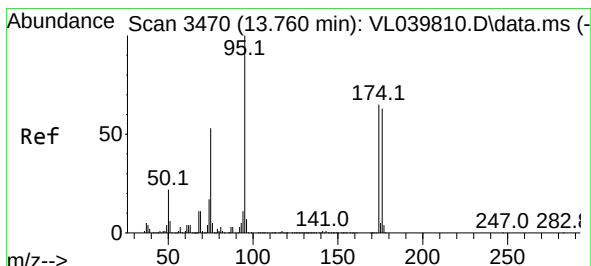
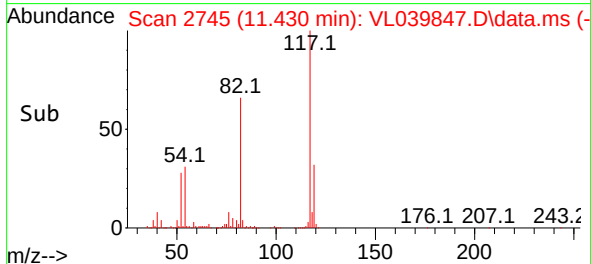
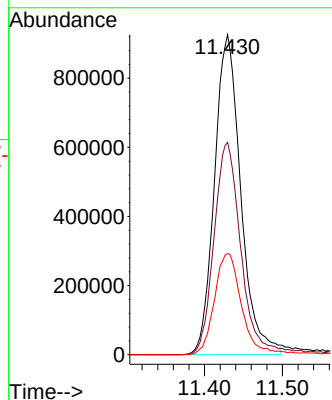
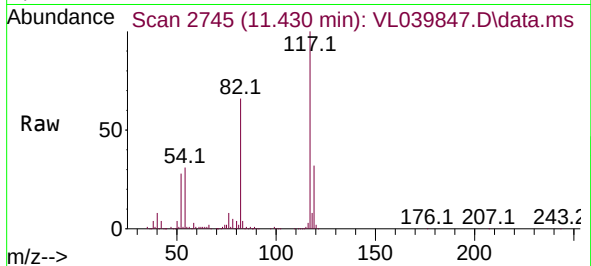




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.430 min Scan# 21
Delta R.T. -0.022 min
Lab File: VL039847.D
Acq: 9 Nov 2022 14:18

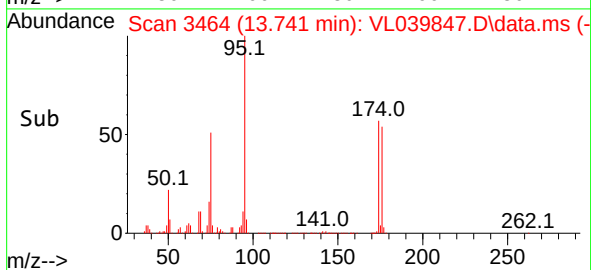
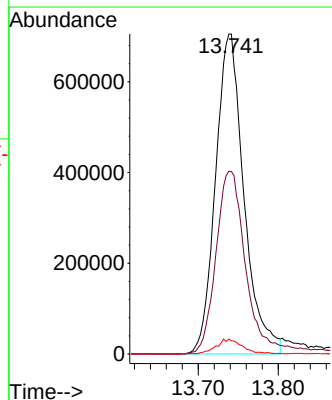
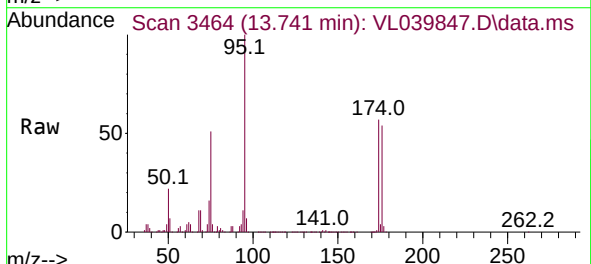
Instrument :
MSVOA_1
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QC110722 CAN 10329

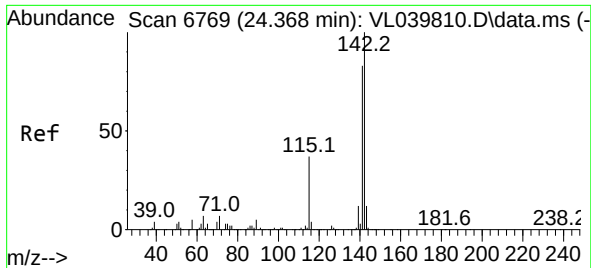
Tgt Ion:117 Resp: 2170864
Ion Ratio Lower Upper
117 100
82 70.1 51.0 76.6
119 33.5 24.7 37.1



#68
1-Bromo-4-Fluorobenzene
Concen: 10.720 ppbv
RT: 13.741 min Scan# 3464
Delta R.T. -0.019 min
Lab File: VL039847.D
Acq: 9 Nov 2022 14:18

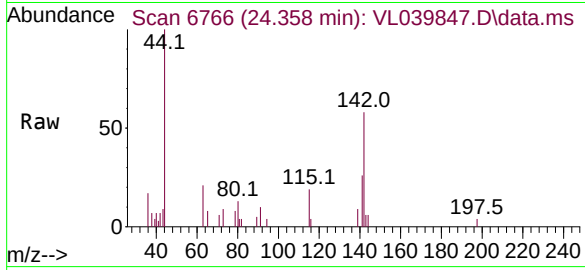
Tgt Ion: 95 Resp: 1741872
Ion Ratio Lower Upper
95 100
174 62.9 53.4 80.0
175 4.3 4.1 6.1





#80
Naphthalene, 2-methyl-
Concen: 0.074 ppbv
RT: 24.358 min Scan# 61
Delta R.T. -0.009 min
Lab File: VL039847.D
Acq: 9 Nov 2022 14:18

Instrument :
MSVOA_L
ClientSampleId :
QC110722 CAN 10329



Tgt Ion:142 Resp: 5579
Ion Ratio Lower Upper
142 100
141 92.0 65.1 97.7
115 46.6 29.1 43.7#

