

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101722\
 Data File : VL039735.D
 Acq On : 18 Oct 2022 9:01
 Operator : SY/AP
 Sample : QC101322 CAN 10607
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC101322 CAN 10607

Quant Time: Oct 19 05:09:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Oct 18 05:23:57 2022
 Response via : Initial Calibration

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

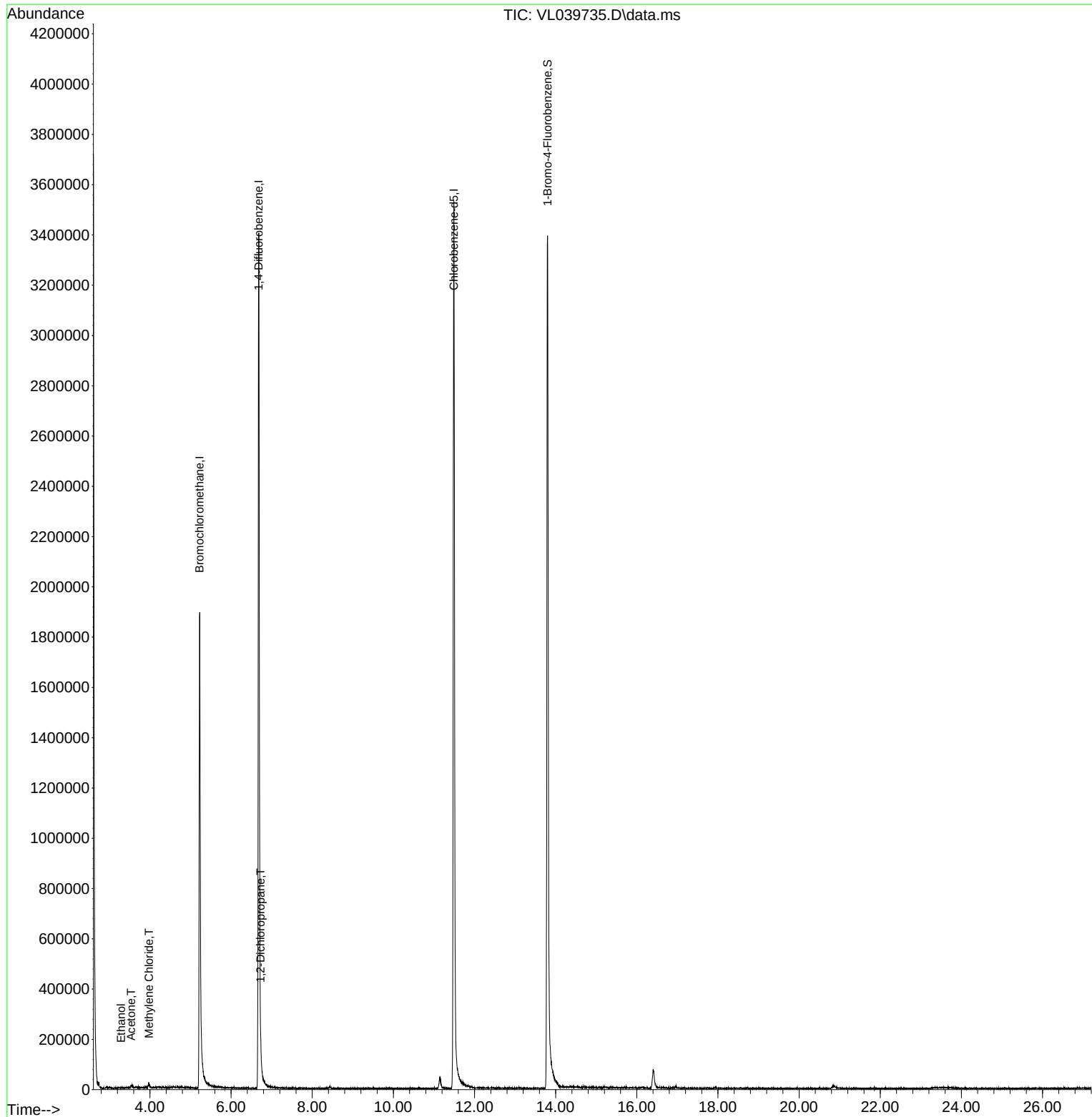
Internal Standards						
1) Bromochloromethane	5.224	49	1029551	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.681	114	2809478	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.491	117	2378089	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.802	95	1701945	9.587	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.900%
Target Compounds						
					Qvalue	
13) Ethanol	3.292	45	415	0.098	ppbv	63
15) Acetone	3.533	43	6647	0.058	ppbv #	85
20) Methylene Chloride	3.973	84	6088	0.115	ppbv #	69
39) 1,2-Dichloropropane	6.726	63	20306	0.245	ppbv #	23

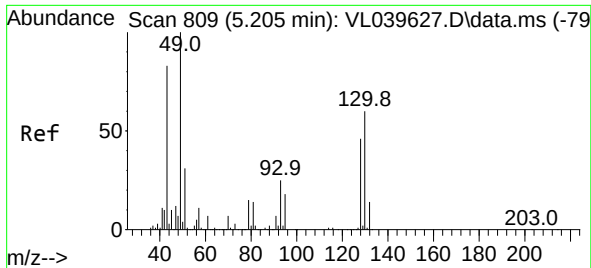
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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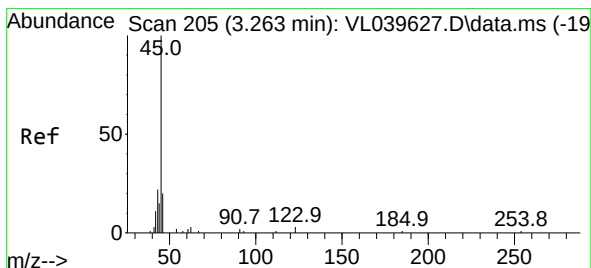
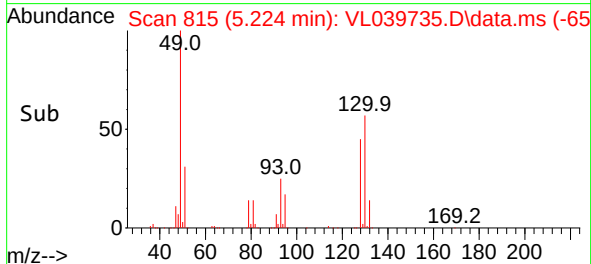
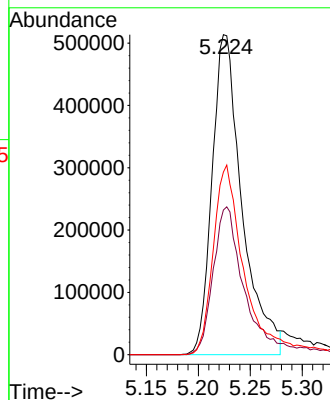
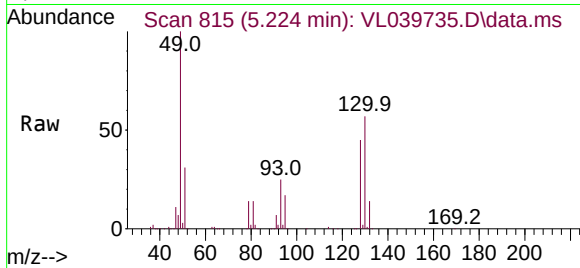




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.224 min Scan# 815
Delta R.T. 0.000 min
Lab File: VL039735.D
Acq: 18 Oct 2022 9:01

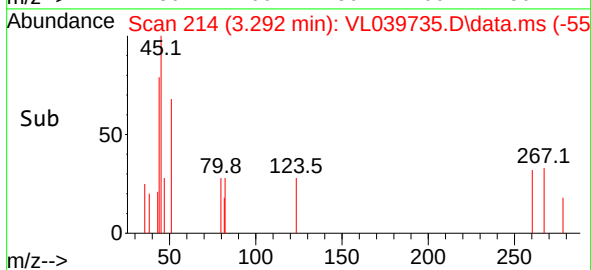
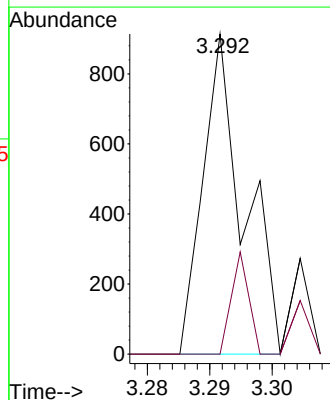
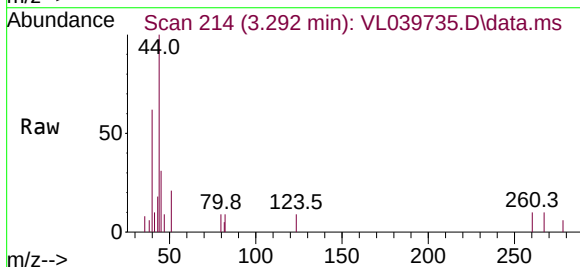
Instrument :
MSVOA_L
ClientSampleId :
QC101322 CAN 10607

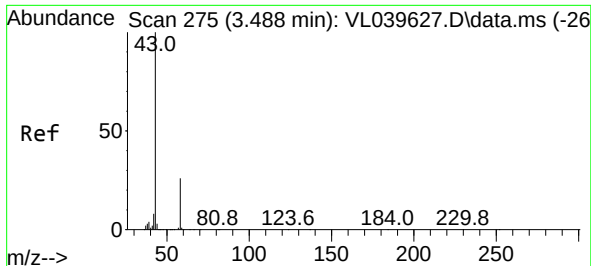
Tgt Ion: 49 Resp: 1029551
Ion Ratio Lower Upper
49 100
128 51.1 26.7 80.0
130 62.5 34.3 102.8



#13
Ethanol
Concen: 0.098 ppbv
RT: 3.292 min Scan# 214
Delta R.T. 0.010 min
Lab File: VL039735.D
Acq: 18 Oct 2022 9:01

Tgt Ion: 45 Resp: 415
Ion Ratio Lower Upper
45 100
46 30.1 22.8 91.2

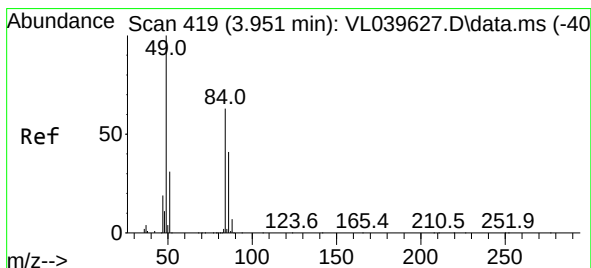
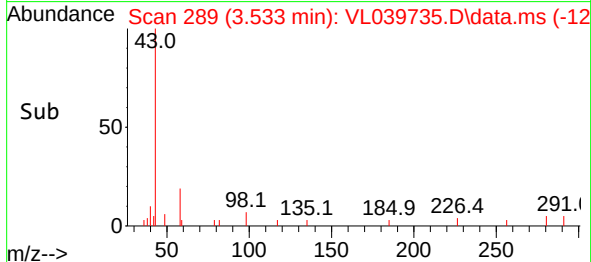
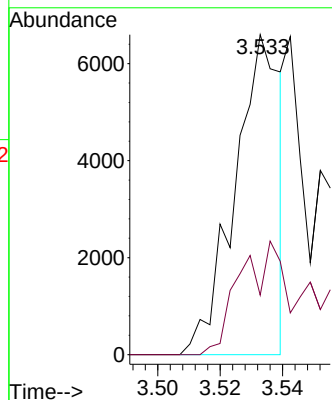
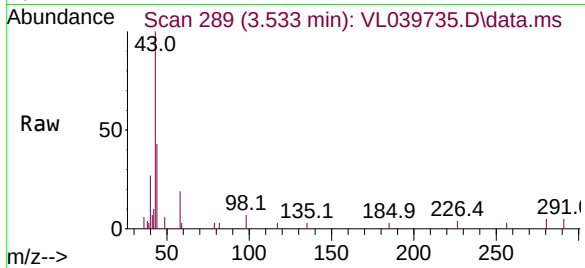




#15
Acetone
Concen: 0.058 ppbv
RT: 3.533 min Scan# 21
Delta R.T. 0.029 min
Lab File: VL039735.D
Acq: 18 Oct 2022 9:01

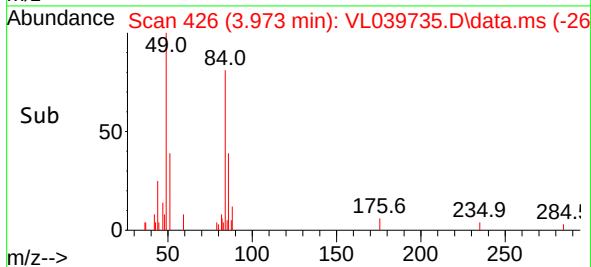
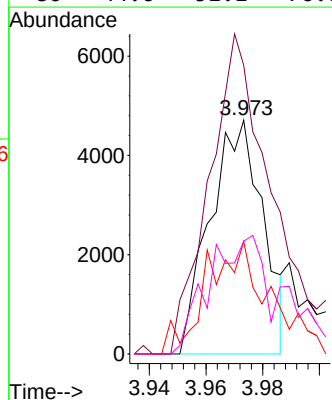
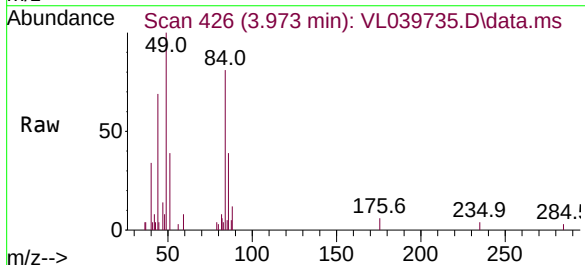
Instrument :
MSVOA_L
ClientSampleId :
QC101322 CAN 10607

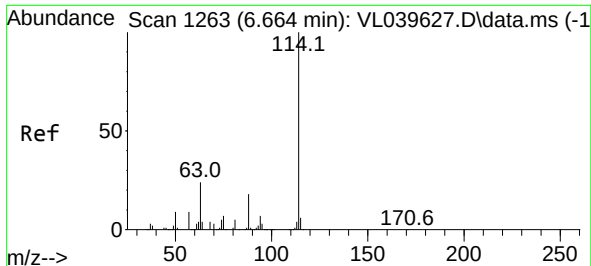
Tgt Ion: 43 Resp: 6647
Ion Ratio Lower Upper
43 100
58 34.2 21.0 31.6#



#20
Methylene Chloride
Concen: 0.115 ppbv
RT: 3.973 min Scan# 426
Delta R.T. 0.003 min
Lab File: VL039735.D
Acq: 18 Oct 2022 9:01

Tgt Ion: 84 Resp: 6088
Ion Ratio Lower Upper
84 100
49 100.4 123.1 184.7#
51 43.4 34.4 51.6
86 44.6 51.1 76.7#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.681 min Scan# 11

Delta R.T. -0.006 min

Lab File: VL039735.D

Acq: 18 Oct 2022 9:01

Instrument :

MSVOA_L

ClientSampleId :

QC101322 CAN 10607

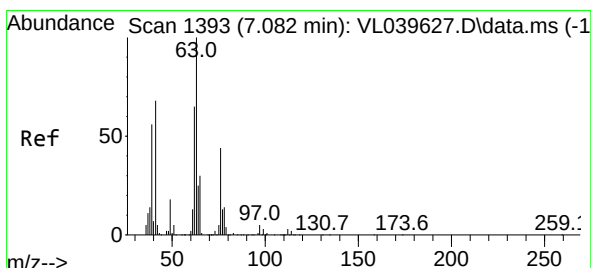
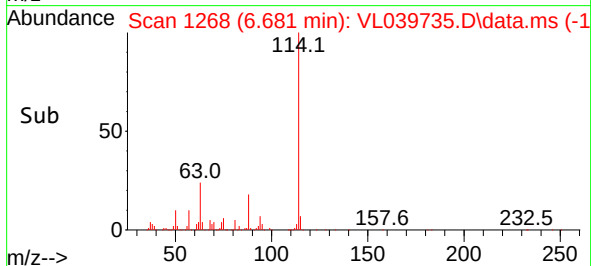
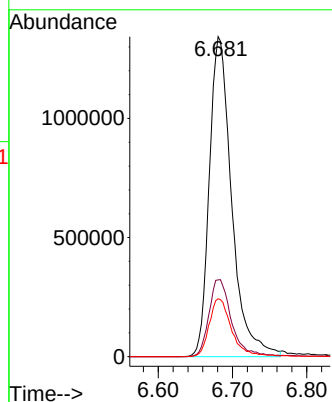
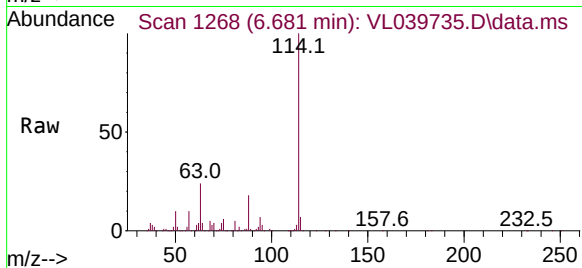
Tgt Ion:114 Resp: 2809478

Ion Ratio Lower Upper

114 100

63 24.8 20.2 30.4

88 18.4 14.5 21.7



#39

1,2-Dichloropropane

Concen: 0.245 ppbv

RT: 6.726 min Scan# 1282

Delta R.T. -0.379 min

Lab File: VL039735.D

Acq: 18 Oct 2022 9:01

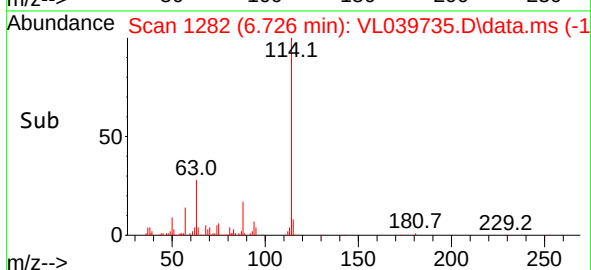
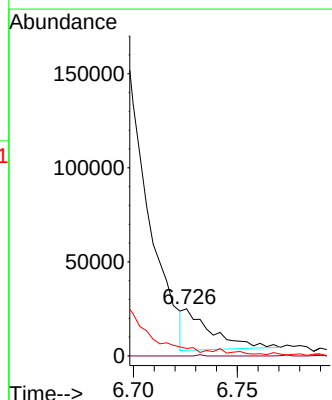
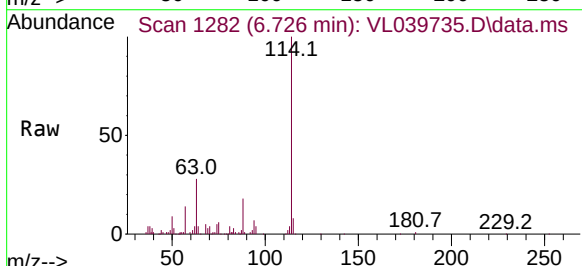
Tgt Ion: 63 Resp: 20306

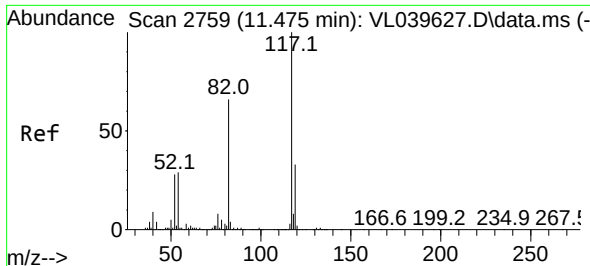
Ion Ratio Lower Upper

63 100

41 0.0 59.6 89.4#

62 14.2 51.4 77.0#

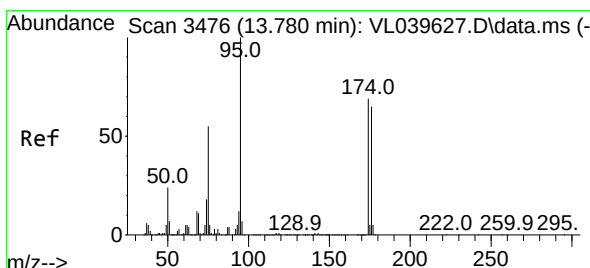
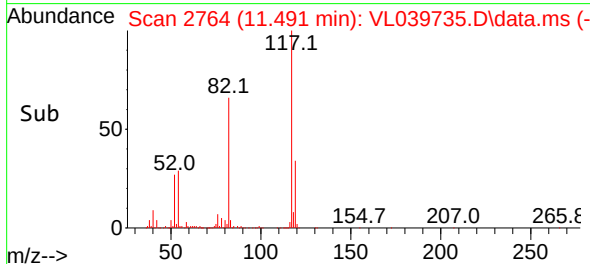
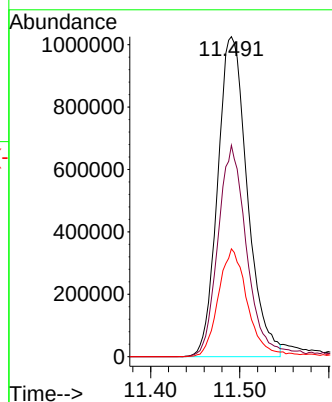
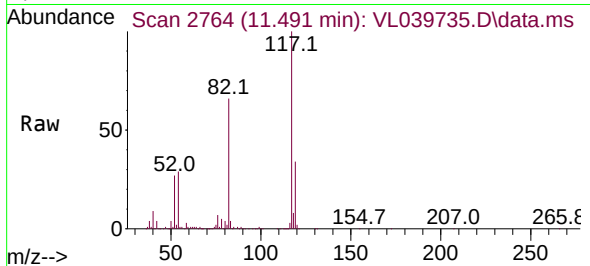




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.491 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL039735.D
Acq: 18 Oct 2022 9:01

Instrument :
MSVOA_1
ClientSampleId :
QC101322 CAN 10607

Tgt Ion:117 Resp: 2378089
Ion Ratio Lower Upper
117 100
82 66.1 50.8 76.2
119 34.4 24.1 36.1



#68
1-Bromo-4-Fluorobenzene
Concen: 9.587 ppbv
RT: 13.802 min Scan# 3483
Delta R.T. 0.003 min
Lab File: VL039735.D
Acq: 18 Oct 2022 9:01

Tgt Ion: 95 Resp: 1701945
Ion Ratio Lower Upper
95 100
174 74.2 55.9 83.9
175 5.5 4.2 6.4

