

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021524\
 Data File : VL041079.D
 Acq On : 16 Feb 2024 10:33
 Operator : SY/MD
 Sample : P1490-01DUPDL2 1200X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DUPDL3

Quant Time: Feb 17 00:13:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL012324AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Sat Feb 17 00:11:10 2024
 Response via : Initial Calibration

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

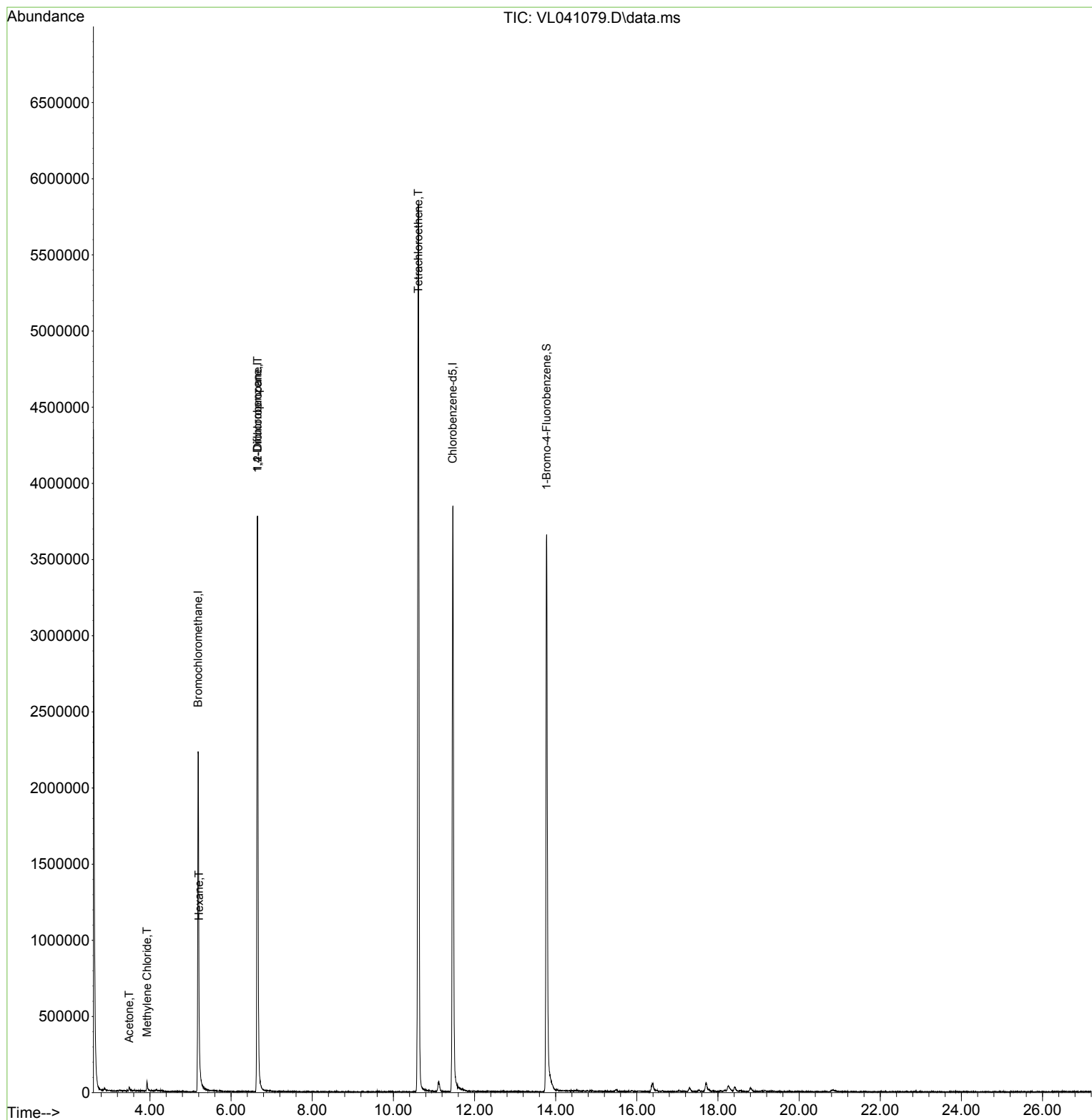
Internal Standards						
1) Bromochloromethane	5.188	49	1157222	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.648	114	2835734	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2486644	10.000	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	1901639	10.125	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.200%
Target Compounds						
					Qvalue	
15) Acetone	3.491	43	27395	0.185	ppbv #	82
20) Methylene Chloride	3.928	84	19116	0.336	ppbv #	89
26) Hexane	5.208	57	4279	0.037	ppbv #	1
39) 1,2-Dichloropropane	6.651	63	715672	7.757	ppbv #	23
52) Tetrachloroethene	10.616	164	1369743	17.612	ppbv	97

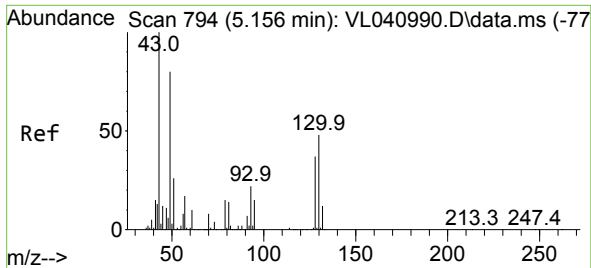
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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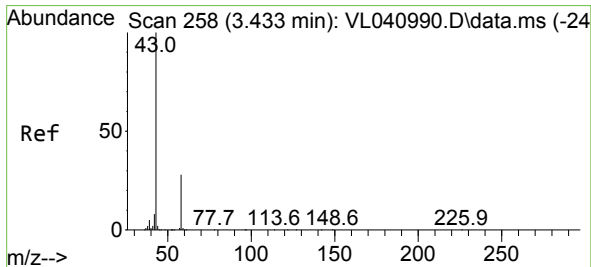
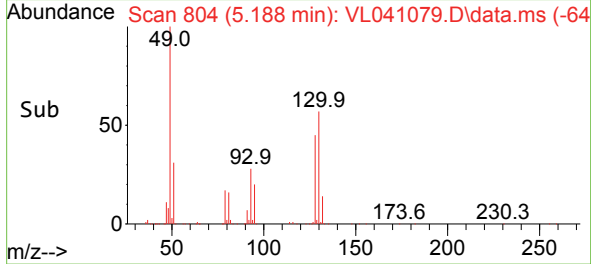
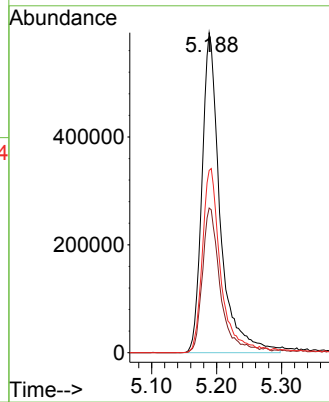
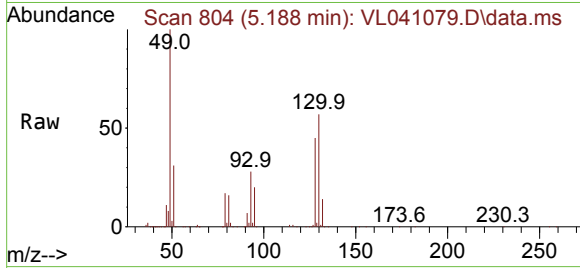




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.188 min Scan# 804
 Delta R.T. 0.012 min
 Lab File: VL041079.D
 Acq: 16 Feb 2024 10:33

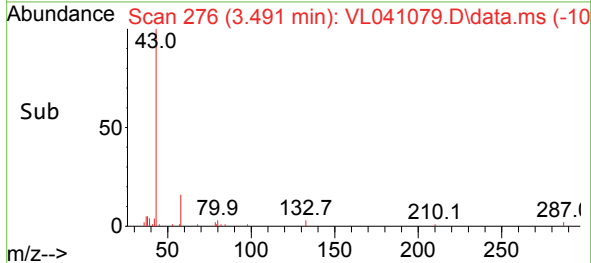
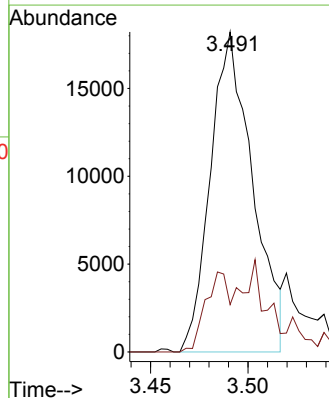
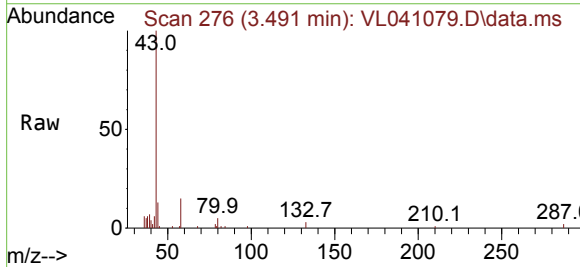
Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DUPDL3

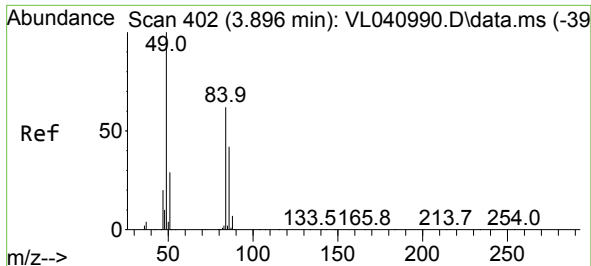
Tgt Ion: 49 Resp: 1157222
 Ion Ratio Lower Upper
 49 100
 128 46.5 23.9 71.7
 130 60.1 31.1 93.5



#15
 Acetone
 Concen: 0.185 ppbv
 RT: 3.491 min Scan# 276
 Delta R.T. 0.045 min
 Lab File: VL041079.D
 Acq: 16 Feb 2024 10:33

Tgt Ion: 43 Resp: 27395
 Ion Ratio Lower Upper
 43 100
 58 37.4 22.2 33.2#

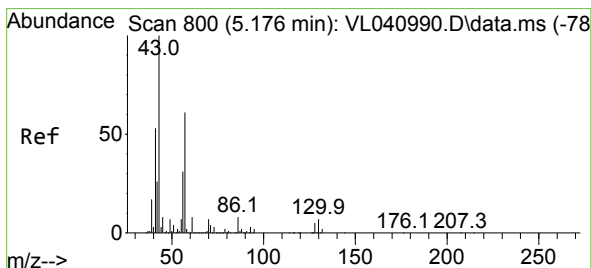
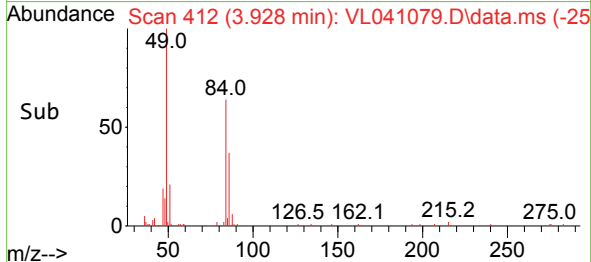
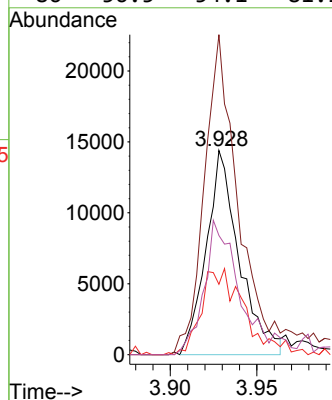
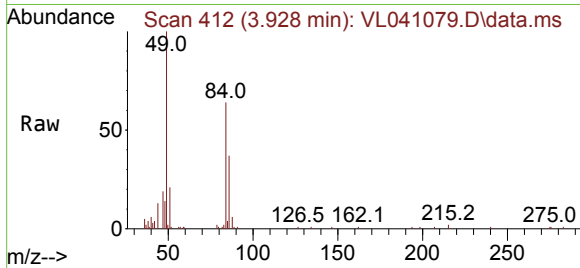




#20
Methylene Chloride
Concen: 0.336 ppbv
RT: 3.928 min Scan# 412
Delta R.T. 0.016 min
Lab File: VL041079.D
Acq: 16 Feb 2024 10:33

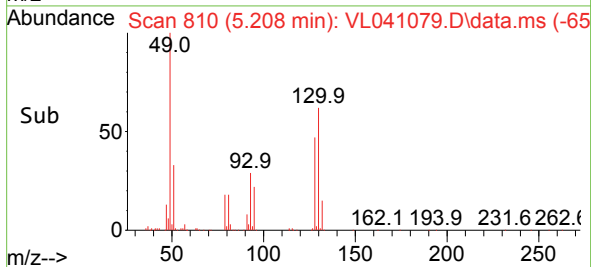
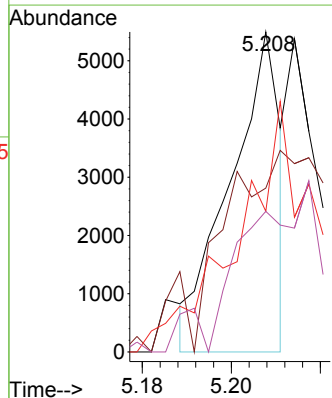
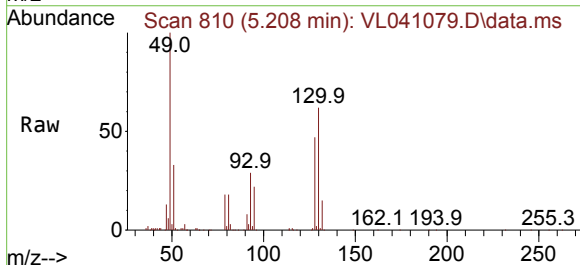
Instrument :
MSVOA_L
ClientSampleId :
SV1DUPDL3

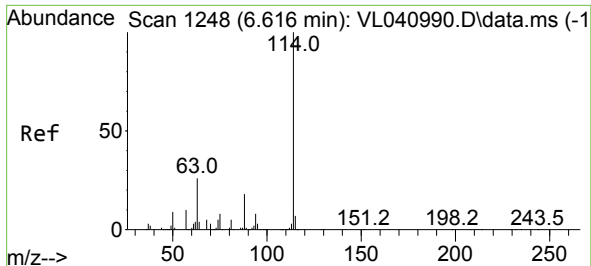
Tgt Ion: 84 Resp: 19116
Ion Ratio Lower Upper
84 100
49 151.3 128.1 192.1
51 32.0 36.5 54.7#
86 56.5 54.1 81.1



#26
Hexane
Concen: 0.037 ppbv
RT: 5.208 min Scan# 810
Delta R.T. 0.013 min
Lab File: VL041079.D
Acq: 16 Feb 2024 10:33

Tgt Ion: 57 Resp: 4279
Ion Ratio Lower Upper
57 100
41 0.0 74.4 111.6#
43 0.0 190.6 285.8#
56 0.0 43.0 64.4#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.648 min Scan# 11

Delta R.T. 0.009 min

Lab File: VL041079.D

Acq: 16 Feb 2024 10:33

Instrument :

MSVOA_L

ClientSampleId :

SV1DUPDL3

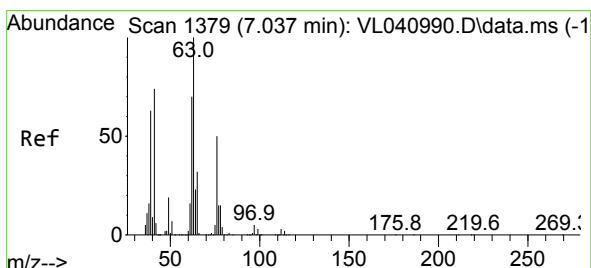
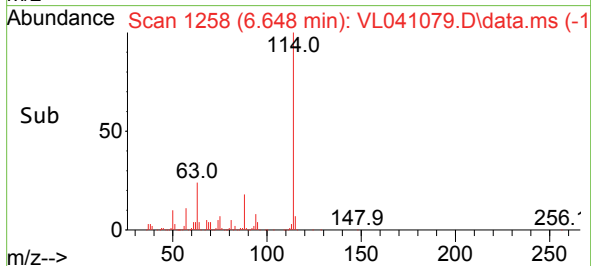
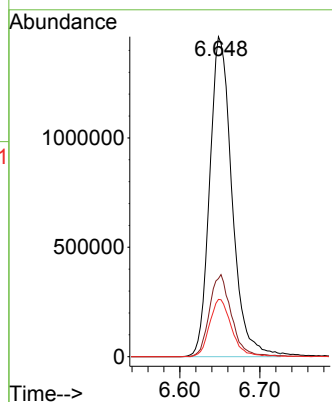
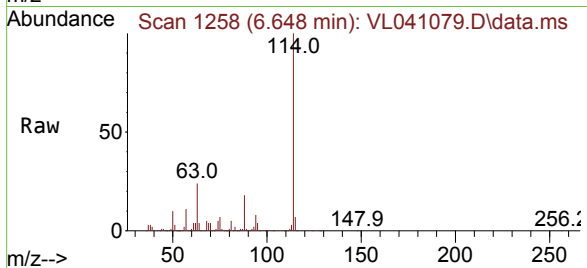
Tgt Ion:114 Resp: 2835734

Ion Ratio Lower Upper

114 100

63 25.6 20.8 31.2

88 17.9 14.3 21.5



#39

1,2-Dichloropropane

Concen: 7.757 ppbv

RT: 6.651 min Scan# 1259

Delta R.T. -0.405 min

Lab File: VL041079.D

Acq: 16 Feb 2024 10:33

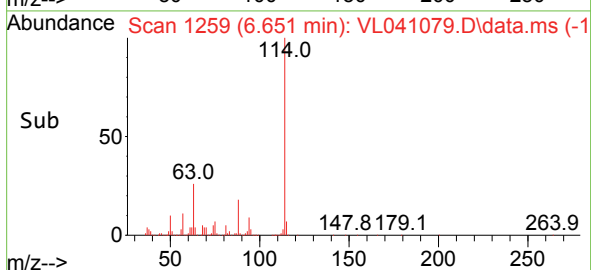
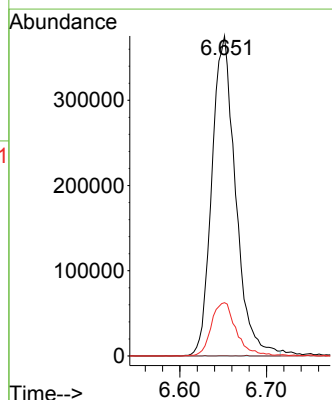
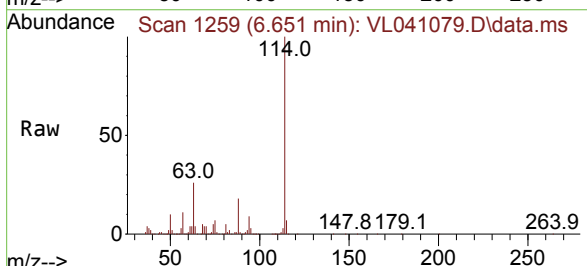
Tgt Ion: 63 Resp: 715672

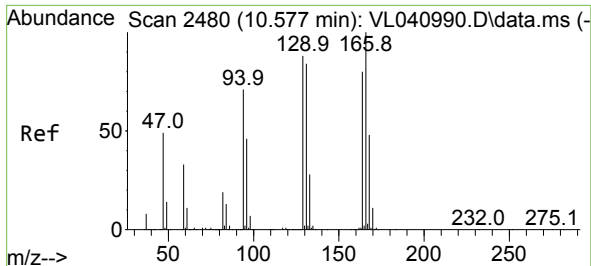
Ion Ratio Lower Upper

63 100

41 0.1 59.6 89.4#

62 16.7 55.6 83.4#

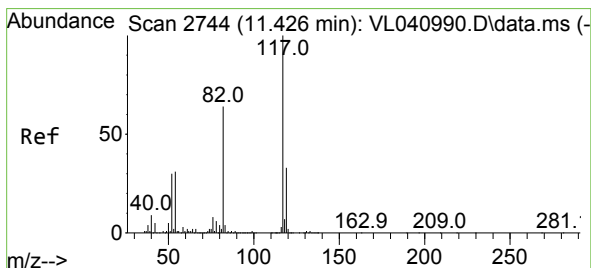
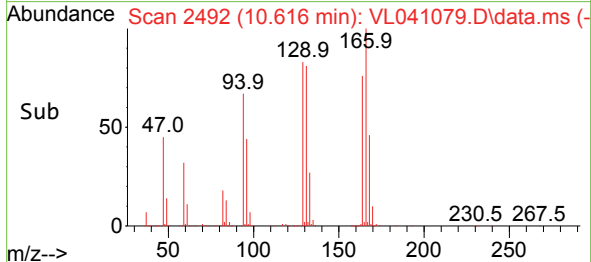
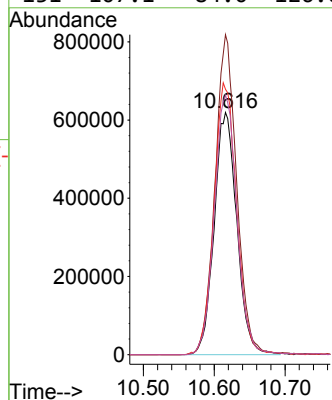
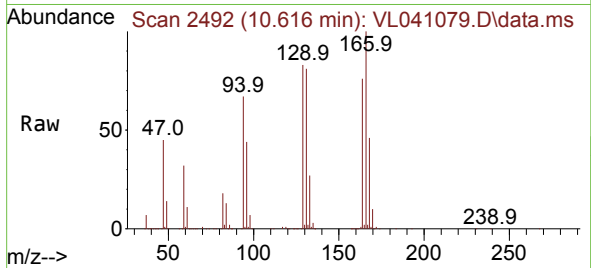




#52
Tetrachloroethene
Concen: 17.612 ppbv
RT: 10.616 min Scan# 2480
Delta R.T. 0.016 min
Lab File: VL041079.D
Acq: 16 Feb 2024 10:33

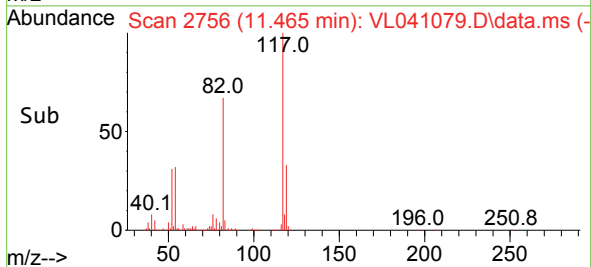
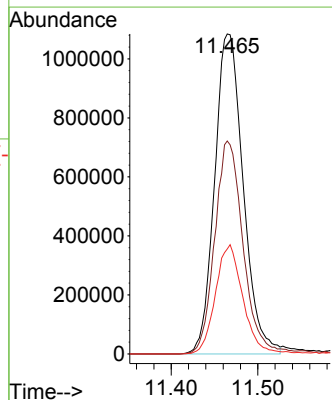
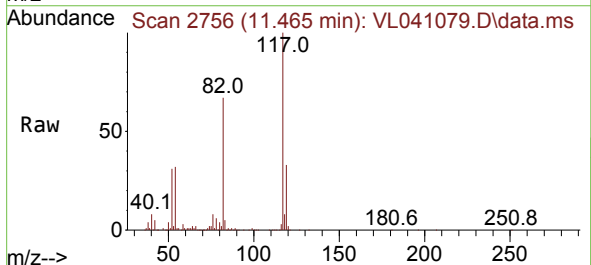
Instrument :
MSVOA_L
ClientSampleId :
SV1DUPDL3

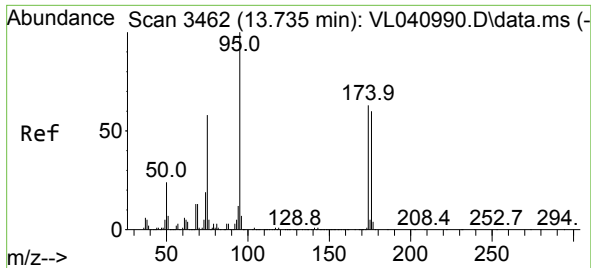
Tgt Ion:164 Resp: 1369743
Ion Ratio Lower Upper
164 100
166 132.1 100.2 150.2
129 109.6 87.9 131.9
131 107.1 84.0 126.0



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 2756
Delta R.T. 0.013 min
Lab File: VL041079.D
Acq: 16 Feb 2024 10:33

Tgt Ion:117 Resp: 2486644
Ion Ratio Lower Upper
117 100
82 67.6 51.7 77.5
119 33.5 23.8 35.6





#68

1-Bromo-4-Fluorobenzene

Concen: 10.125 ppbv

RT: 13.777 min Scan# 34

Delta R.T. 0.016 min

Lab File: VL041079.D

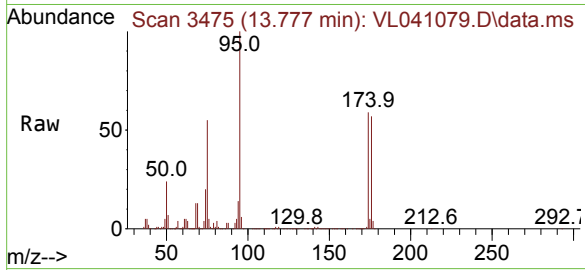
Acq: 16 Feb 2024 10:33

Instrument :

MSVOA_L

ClientSampleId :

SV1DUPDL3



Tgt Ion: 95 Resp: 1901639

Ion Ratio Lower Upper

95 100

174 61.4 49.1 73.7

175 4.4 3.7 5.5

