

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042524\
 Data File : VL041165.D
 Acq On : 25 Apr 2024 10:22
 Operator : SY/MD
 Sample : VL0425ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0425ABL01

Quant Time: Apr 26 03:10:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL040424AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Apr 26 03:09:28 2024
 Response via : Initial Calibration

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

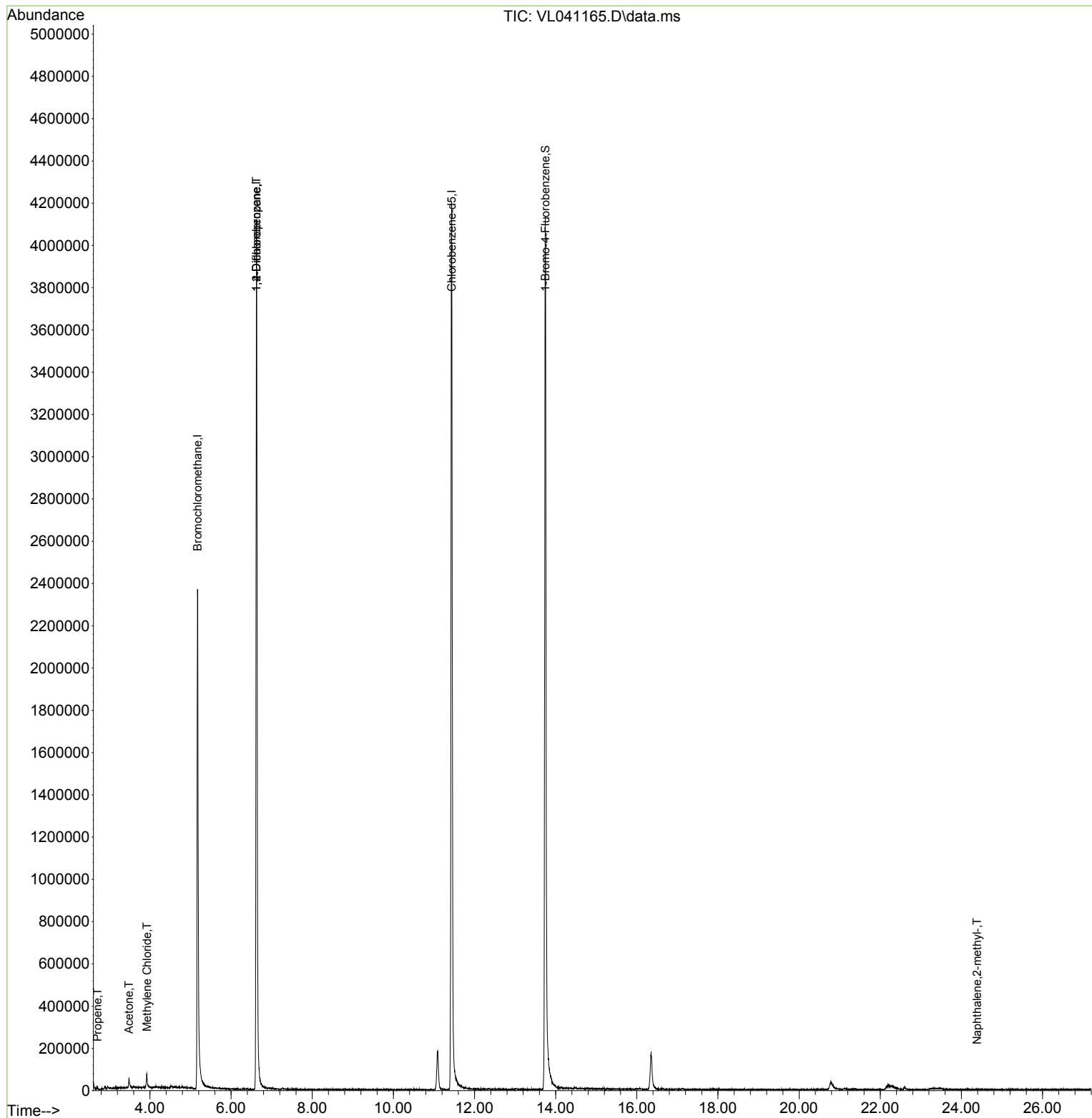
Internal Standards						
1) Bromochloromethane	5.176	49	1254975	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.629	114	3103858	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.436	117	2725049	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.744	95	2112901	9.642	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.400%
Target Compounds						
					Qvalue	
9) Propene	2.703	41	2964	0.048	ppbv #	80
15) Acetone	3.484	43	46588	0.343	ppbv #	88
20) Methylene Chloride	3.928	84	19110	0.341	ppbv #	74
39) 1,2-Dichloropropane	6.626	63	786549	8.752	ppbv #	24
80) Naphthalene,2-methyl-	24.387	142	1149	0.032	ppbv #	59

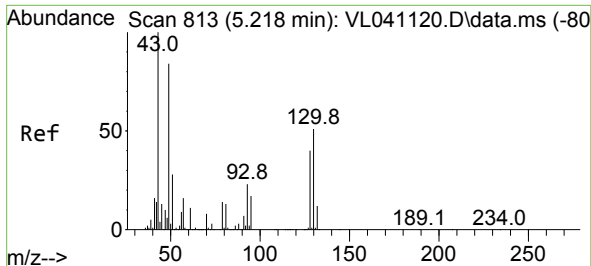
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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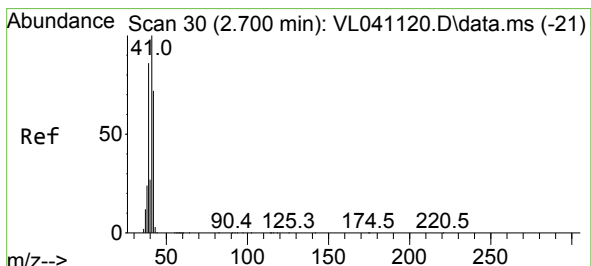
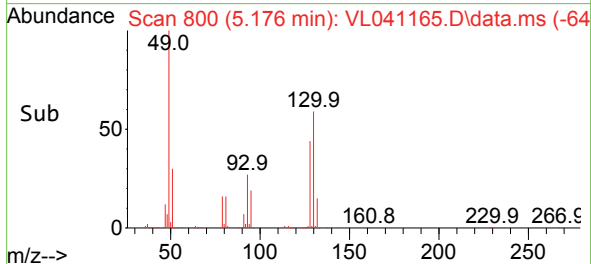
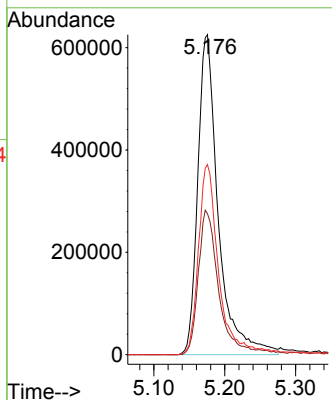
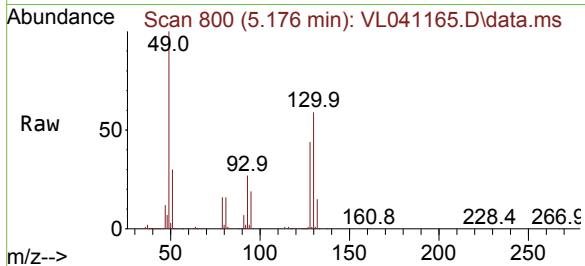




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.176 min Scan# 80
Delta R.T. -0.003 min
Lab File: VL041165.D
Acq: 25 Apr 2024 10:22

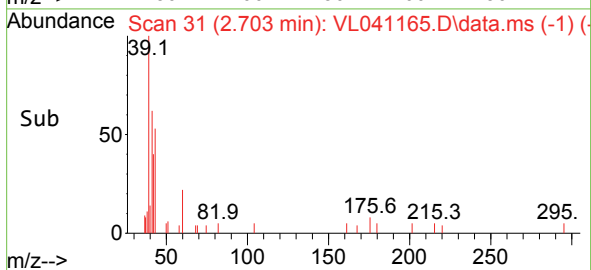
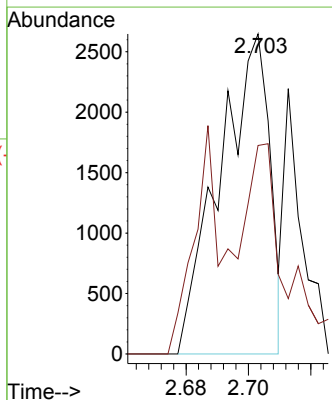
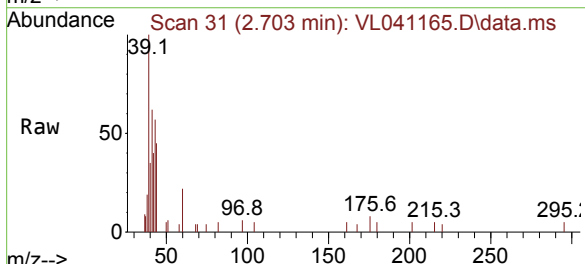
Instrument :
MSVOA_L
ClientSampleId :
VL0425ABL01

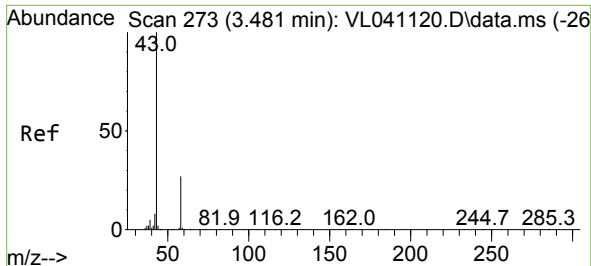
Tgt Ion: 49 Resp: 1254975
Ion Ratio Lower Upper
49 100
128 45.7 23.6 71.0
130 60.3 30.1 90.5



#9
Propene
Concen: 0.048 ppbv
RT: 2.703 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL041165.D
Acq: 25 Apr 2024 10:22

Tgt Ion: 41 Resp: 2964
Ion Ratio Lower Upper
41 100
42 92.0 60.1 90.1#





#15

Acetone

Concen: 0.343 ppbv

RT: 3.484 min Scan# 21

Delta R.T. 0.026 min

Lab File: VL041165.D

Acq: 25 Apr 2024 10:22

Instrument :

MSVOA_L

ClientSampleId :

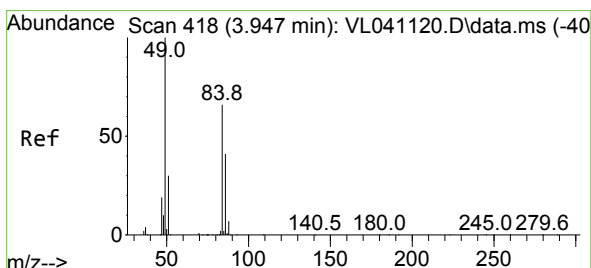
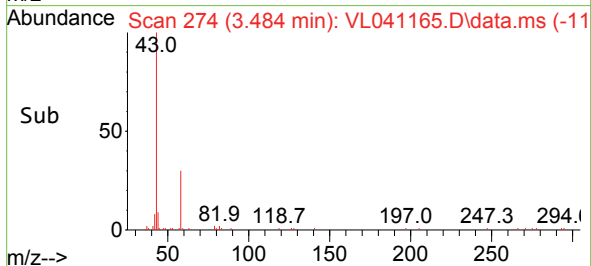
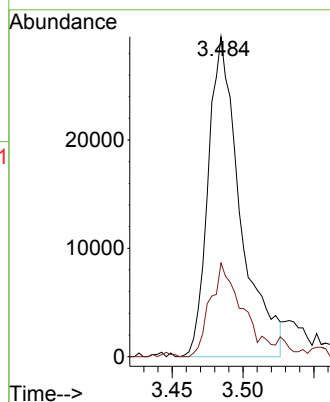
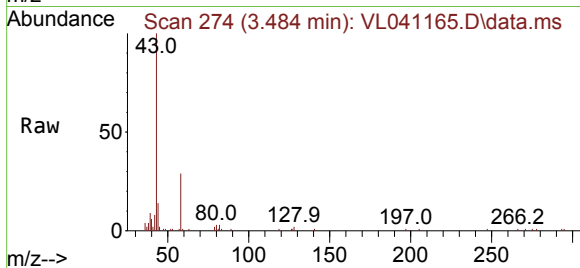
VL0425ABL01

Tgt Ion: 43 Resp: 46588

Ion Ratio Lower Upper

43 100

58 32.6 21.1 31.7#



#20

Methylene Chloride

Concen: 0.341 ppbv

RT: 3.928 min Scan# 412

Delta R.T. 0.003 min

Lab File: VL041165.D

Acq: 25 Apr 2024 10:22

Tgt Ion: 84 Resp: 19110

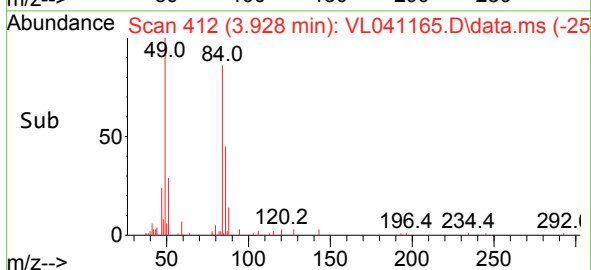
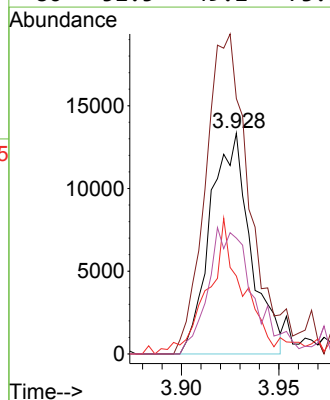
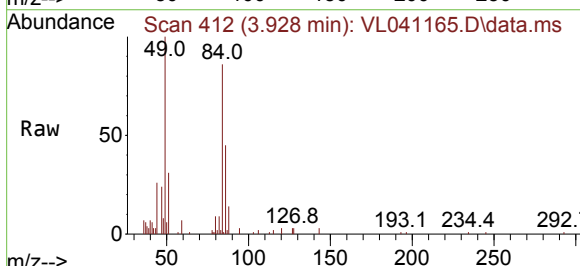
Ion Ratio Lower Upper

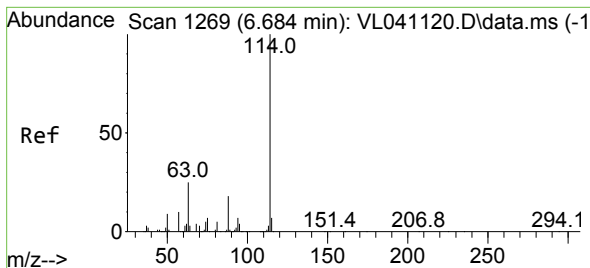
84 100

49 109.3 120.7 181.1#

51 31.2 36.6 54.8#

86 52.5 49.2 73.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.629 min Scan# 11

Delta R.T. -0.006 min

Lab File: VL041165.D

Acq: 25 Apr 2024 10:22

Instrument :

MSVOA_L

ClientSampleId :

VL0425ABL01

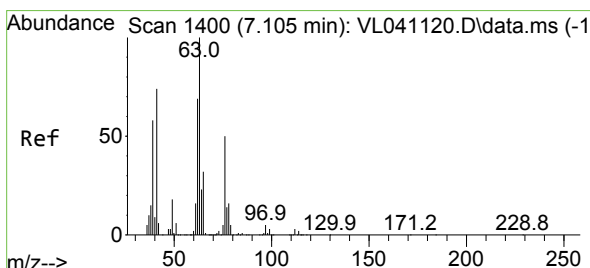
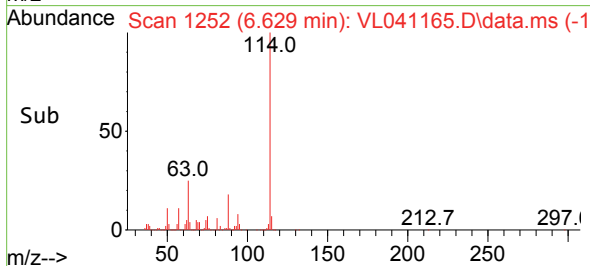
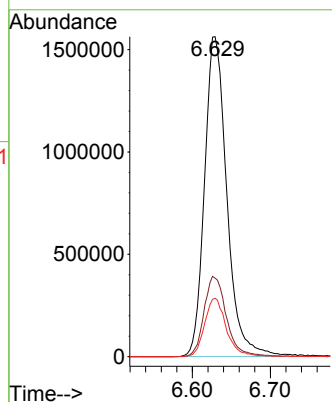
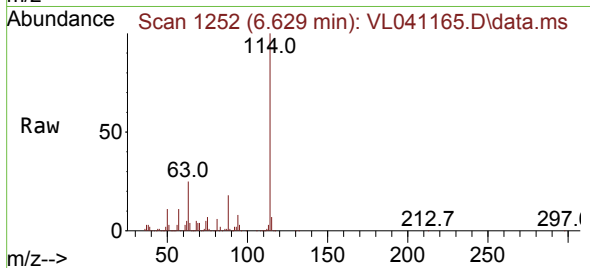
Tgt Ion:114 Resp: 3103858

Ion Ratio Lower Upper

114 100

63 25.6 20.9 31.3

88 18.0 14.5 21.7



#39

1,2-Dichloropropane

Concen: 8.752 ppbv

RT: 6.626 min Scan# 1251

Delta R.T. -0.431 min

Lab File: VL041165.D

Acq: 25 Apr 2024 10:22

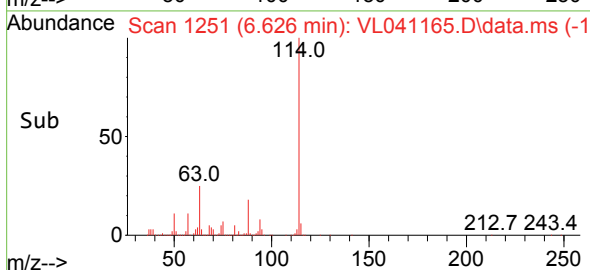
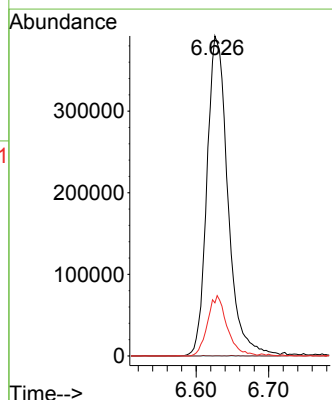
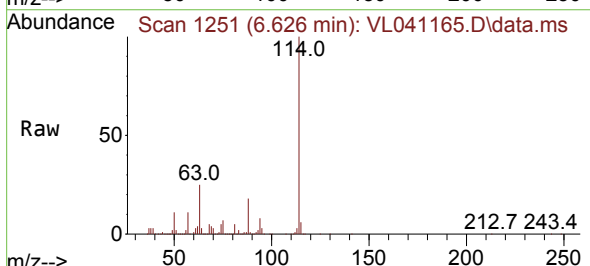
Tgt Ion: 63 Resp: 786549

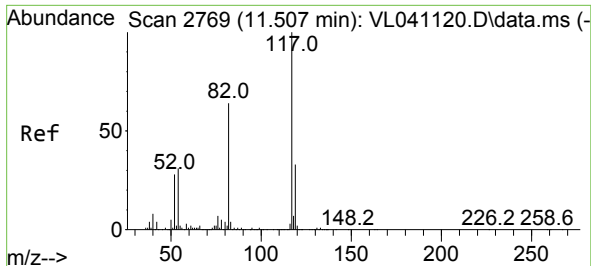
Ion Ratio Lower Upper

63 100

41 0.0 58.7 88.1#

62 16.6 55.5 83.3#

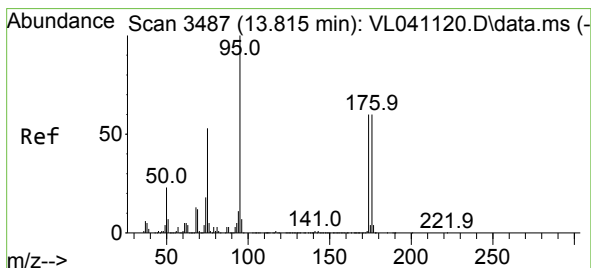
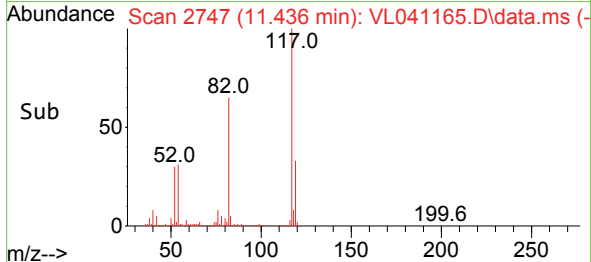
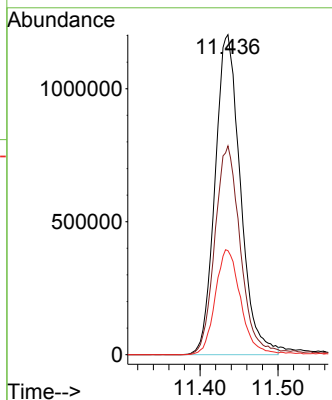
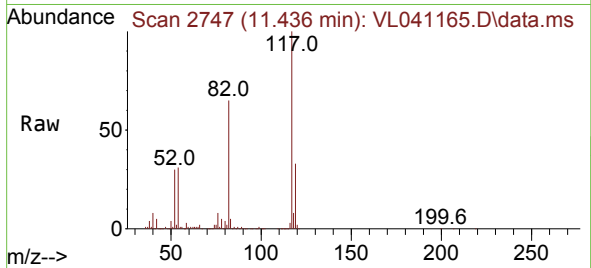




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.436 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL041165.D
Acq: 25 Apr 2024 10:22

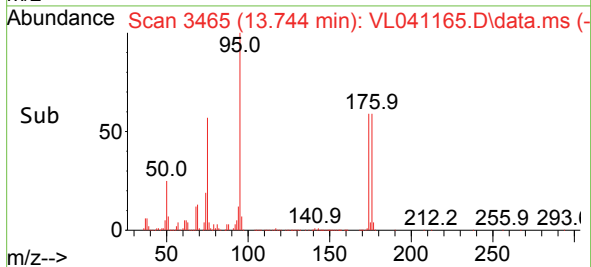
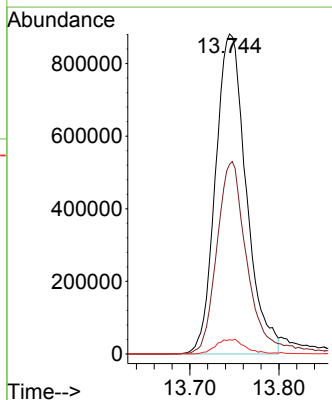
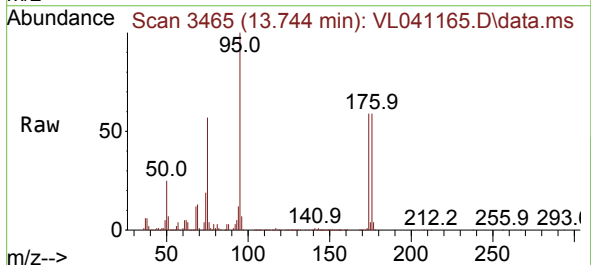
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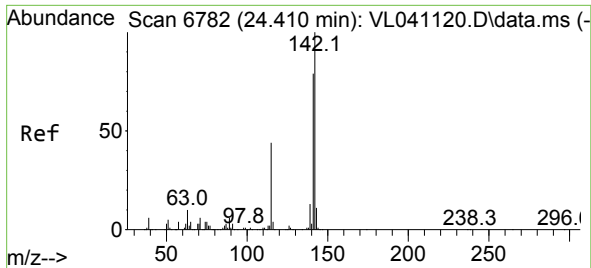
Tgt Ion:117 Resp: 2725049
Ion Ratio Lower Upper
117 100
82 67.8 51.0 76.6
119 33.7 25.2 37.8



#68
1-Bromo-4-Fluorobenzene
Concen: 9.642 ppbv
RT: 13.744 min Scan# 3465
Delta R.T. -0.003 min
Lab File: VL041165.D
Acq: 25 Apr 2024 10:22

Tgt Ion: 95 Resp: 2112901
Ion Ratio Lower Upper
95 100
174 61.7 49.3 73.9
175 4.6 3.6 5.4





#80
Naphthalene, 2-methyl-
Concen: 0.032 ppbv
RT: 24.387 min Scan# 611
Delta R.T. 0.032 min
Lab File: VL041165.D
Acq: 25 Apr 2024 10:22

Instrument :
MSVOA_L
ClientSampleId :
VL0425ABL01

Tgt Ion	Ratio	Lower	Upper
142	100		
141	134.5	64.4	96.6#
115	40.3	33.5	50.3

