

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021623\
 Data File : VL040182.D
 Acq On : 16 Feb 2023 16:33
 Operator : SY/MD
 Sample : VL0216ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0216ABL01

Quant Time: Feb 17 03:31:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Feb 15 17:01:01 2023
 Response via : Initial Calibration

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

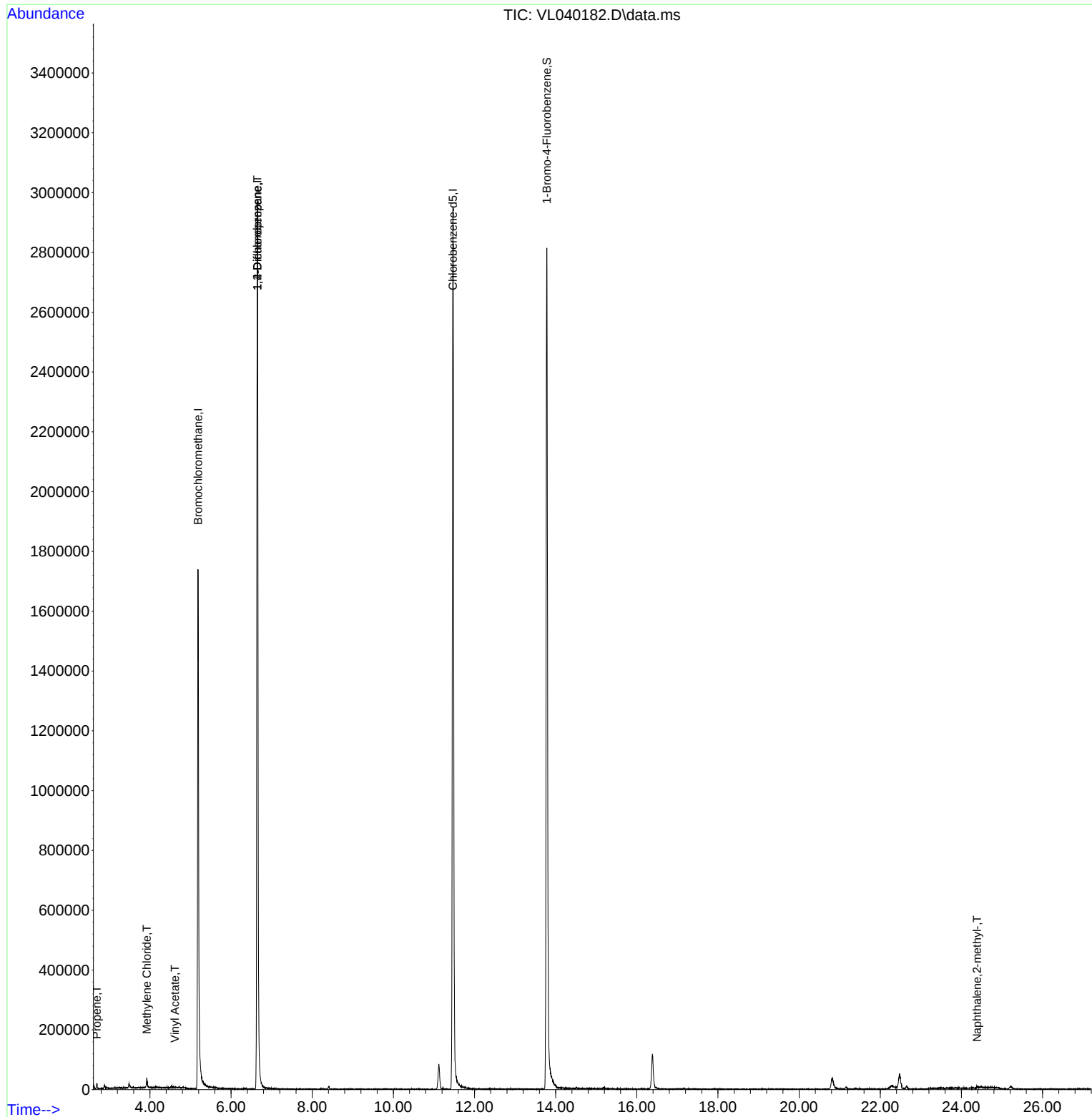
Internal Standards						
1) Bromochloromethane	5.185	49	887423	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	2254018	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	1896409	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	1479801	9.489	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.900%
Target Compounds						
					Qvalue	
9) Propene	2.690	41	3335	0.077	ppbv	94
20) Methylene Chloride	3.925	84	7096	0.128	ppbv	96
23) Vinyl Acetate	4.619	43	761	0.023	ppbv #	78
39) 1,2-Dichloropropane	6.648	63	562330	8.241	ppbv #	25
80) Naphthalene,2-methyl-	24.387	142	2492	0.070	ppbv #	88

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

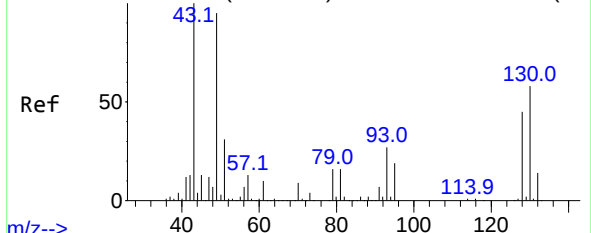
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021623\
Data File : VL040182.D
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Quant Time: Feb 17 03:31:20 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Wed Feb 15 17:01:01 2023
Response via : Initial Calibration

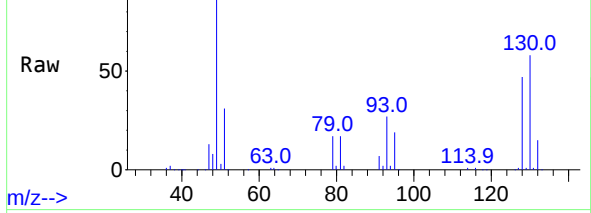


Abundance Scan 801 (5.179 min): VL040169.D\data.ms (-78



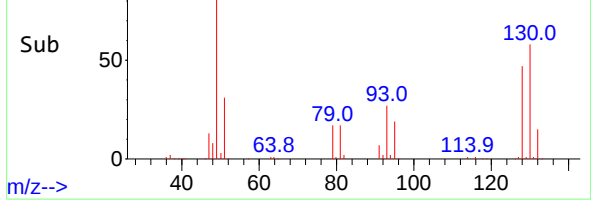
m/z-->

Abundance Scan 803 (5.185 min): VL040182.D\data.ms



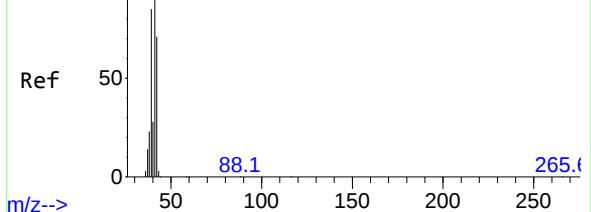
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Abundance Scan 803 (5.185 min): VL040182.D\data.ms (-64



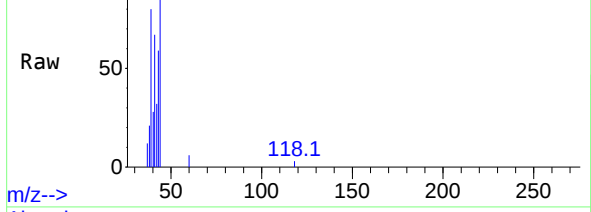
m/z-->

Abundance Scan 23 (2.677 min): VL040169.D\data.ms (-13)



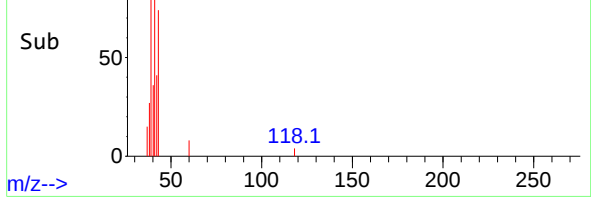
m/z-->

Abundance Scan 27 (2.690 min): VL040182.D\data.ms



m/z-->

Abundance Scan 27 (2.690 min): VL040182.D\data.ms (-1)

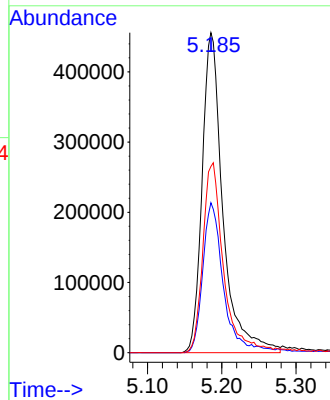


m/z-->

#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 80
Delta R.T. 0.006 min
Lab File: VL040182.D
Acq: 16 Feb 2023 16:33

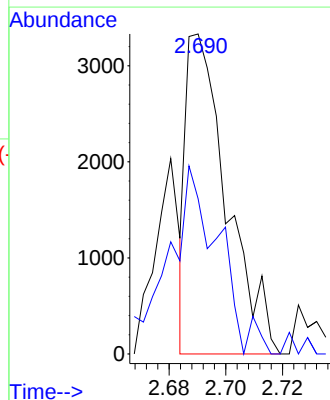
Instrument :
MSVOA_L
ClientSampleId :
VL0216ABL01

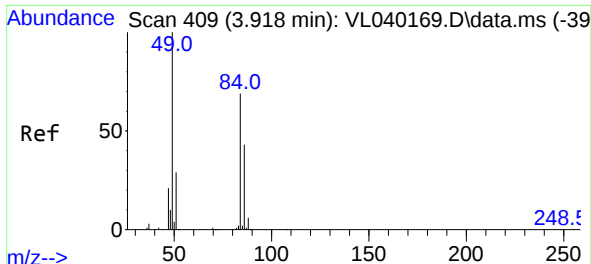
Tgt Ion: 49 Resp: 887423
Ion Ratio Lower Upper
49 100
128 47.3 24.1 72.3
130 60.6 30.9 92.8



#9
Propene
Concen: 0.077 ppbv
RT: 2.690 min Scan# 27
Delta R.T. 0.013 min
Lab File: VL040182.D
Acq: 16 Feb 2023 16:33

Tgt Ion: 41 Resp: 3335
Ion Ratio Lower Upper
41 100
42 75.7 56.9 85.3



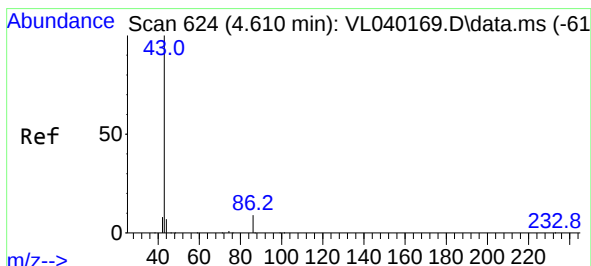
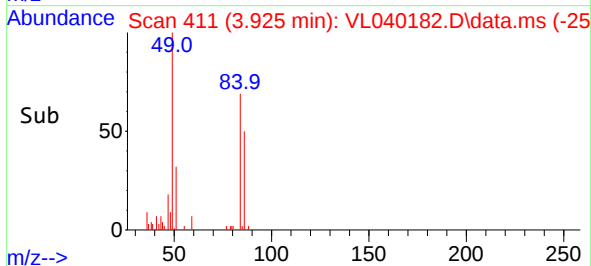
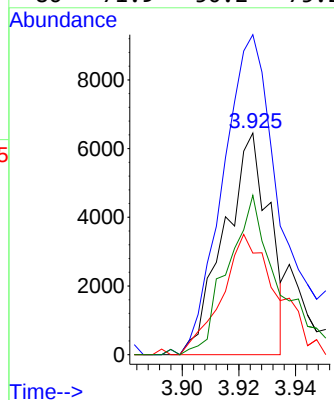
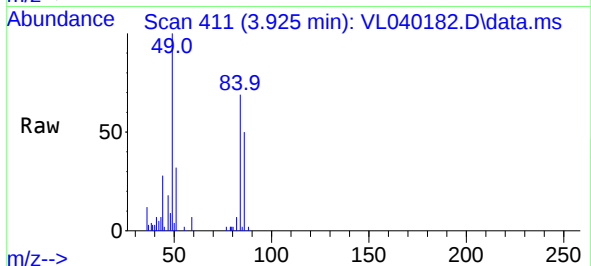


#20
Methylene Chloride
Concen: 0.128 ppbv
RT: 3.925 min Scan# 411
Delta R.T. 0.006 min
Lab File: VL040182.D
Acq: 16 Feb 2023 16:33

Instrument :
MSVOA_1
ClientSampleId :
VL0216ABL01

Tgt Ion: 84 Resp: 7096

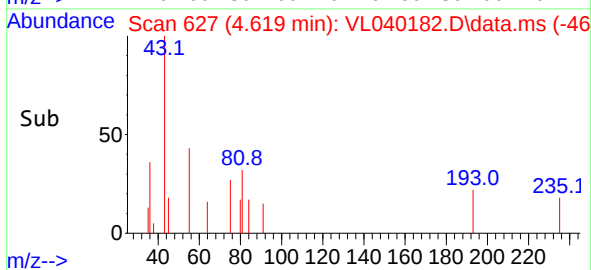
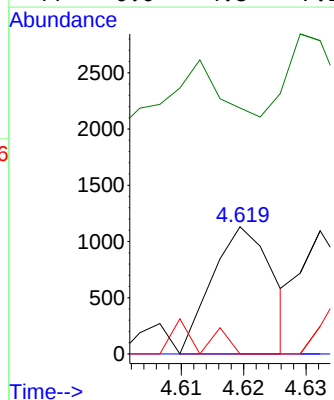
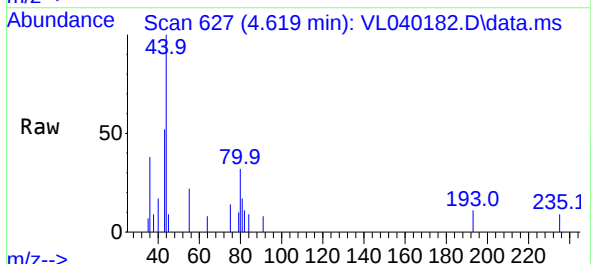
Ion	Ratio	Lower	Upper
84	100		
49	144.4	115.5	173.3
51	45.9	33.1	49.7
86	71.9	50.2	75.2

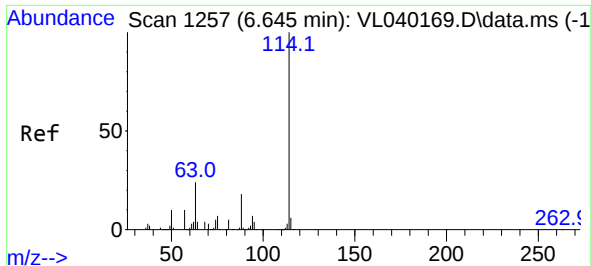


#23
Vinyl Acetate
Concen: 0.023 ppbv
RT: 4.619 min Scan# 627
Delta R.T. 0.010 min
Lab File: VL040182.D
Acq: 16 Feb 2023 16:33

Tgt Ion: 43 Resp: 761

Ion	Ratio	Lower	Upper
43	100		
86	0.0	5.6	8.4#
42	0.0	7.6	11.4#
44	0.0	4.8	7.2#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.648 min Scan# 1258

Delta R.T. 0.003 min

Lab File: VL040182.D

Acq: 16 Feb 2023 16:33

Instrument :

MSVOA_1

ClientSampleId :

VL0216ABL01

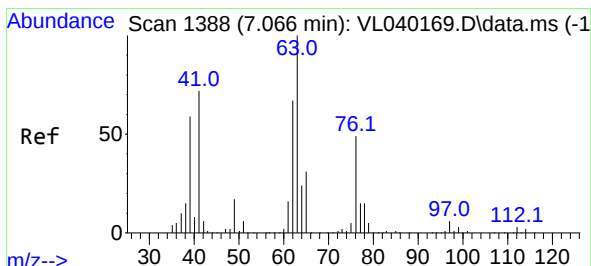
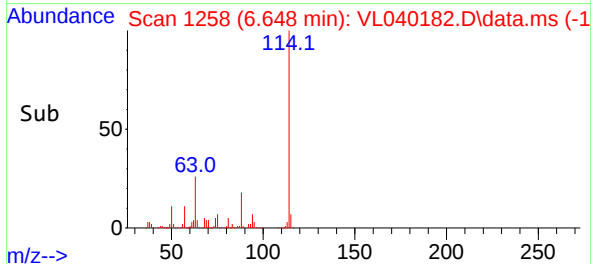
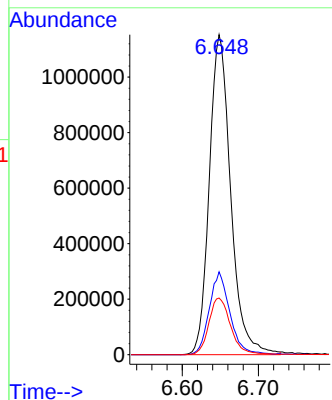
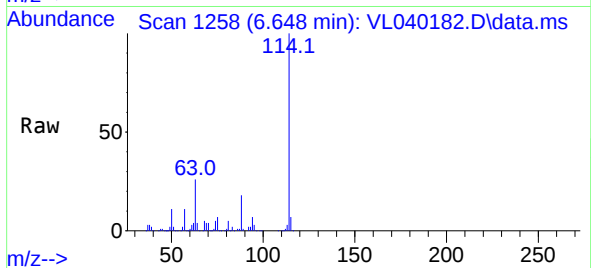
Tgt Ion:114 Resp: 2254018

Ion Ratio Lower Upper

114 100

63 25.2 20.4 30.6

88 18.2 14.3 21.5



#39

1,2-Dichloropropane

Concen: 8.241 ppbv

RT: 6.648 min Scan# 1258

Delta R.T. -0.418 min

Lab File: VL040182.D

Acq: 16 Feb 2023 16:33

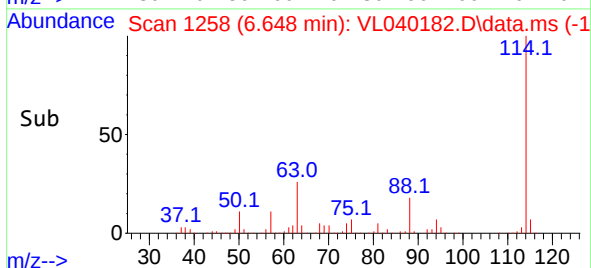
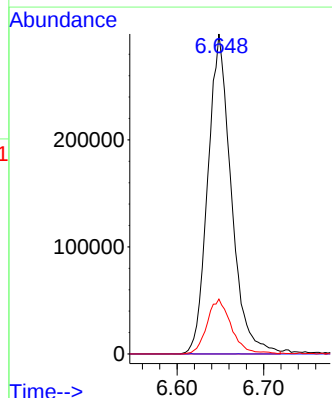
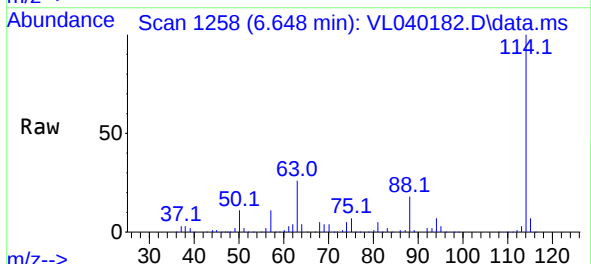
Tgt Ion: 63 Resp: 562330

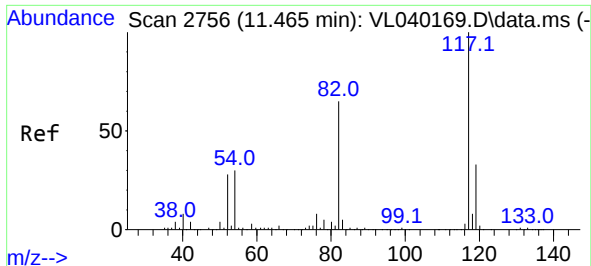
Ion Ratio Lower Upper

63 100

41 0.0 57.6 86.4#

62 17.1 54.0 81.0#

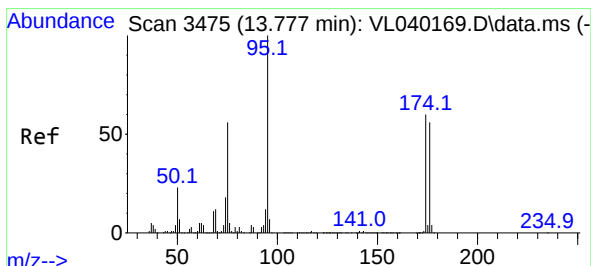
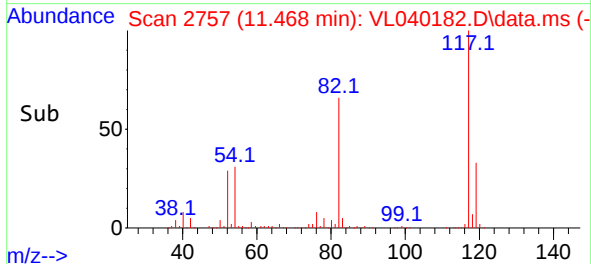
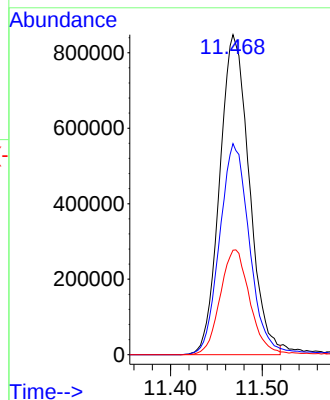
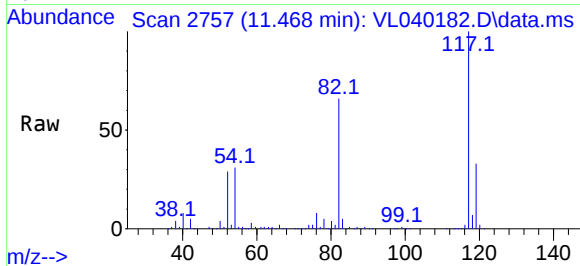




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.468 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL040182.D
Acq: 16 Feb 2023 16:33

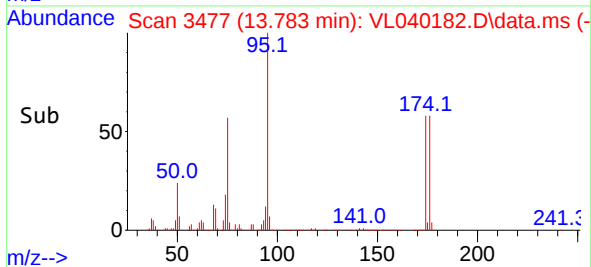
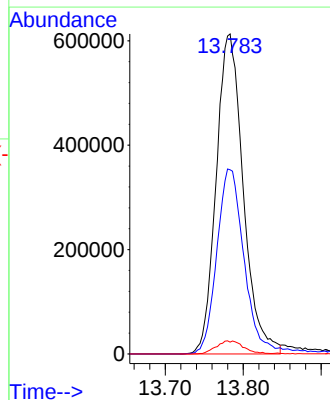
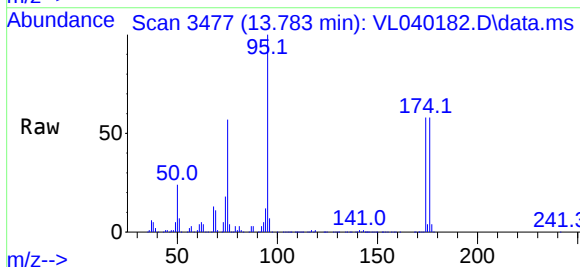
Instrument :
MSVOA_1
ClientSampleId :
VL0216ABL01

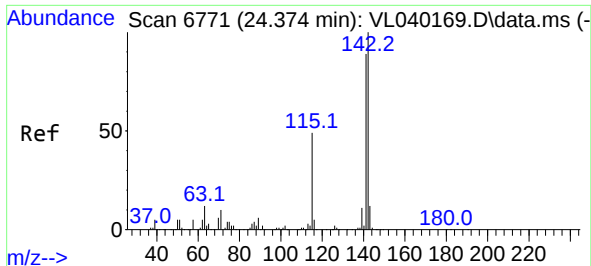
Tgt Ion:117 Resp: 1896409
Ion Ratio Lower Upper
117 100
82 68.2 53.3 79.9
119 33.4 24.6 37.0



#68
1-Bromo-4-Fluorobenzene
Concen: 9.489 ppbv
RT: 13.783 min Scan# 3477
Delta R.T. 0.006 min
Lab File: VL040182.D
Acq: 16 Feb 2023 16:33

Tgt Ion: 95 Resp: 1479801
Ion Ratio Lower Upper
95 100
174 60.3 48.2 72.2
175 4.3 3.4 5.2





#80
Naphthalene, 2-methyl-
Concen: 0.070 ppbv
RT: 24.387 min Scan# 61
Delta R.T. 0.013 min
Lab File: VL040182.D
Acq: 16 Feb 2023 16:33

Instrument :
MSVOA_L
ClientSampleId :
VL0216ABL01

Tgt Ion:142 Resp: 2492
Ion Ratio Lower Upper
142 100
141 84.0 67.3 100.9
115 68.1 36.5 54.7#

