

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072524\
 Data File : VL041404.D
 Acq On : 25 Jul 2024 17:24
 Operator : SY/MD
 Sample : VSTDIC0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jul 26 02:45:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Jul 25 14:31:18 2024
 Response via : Initial Calibration

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

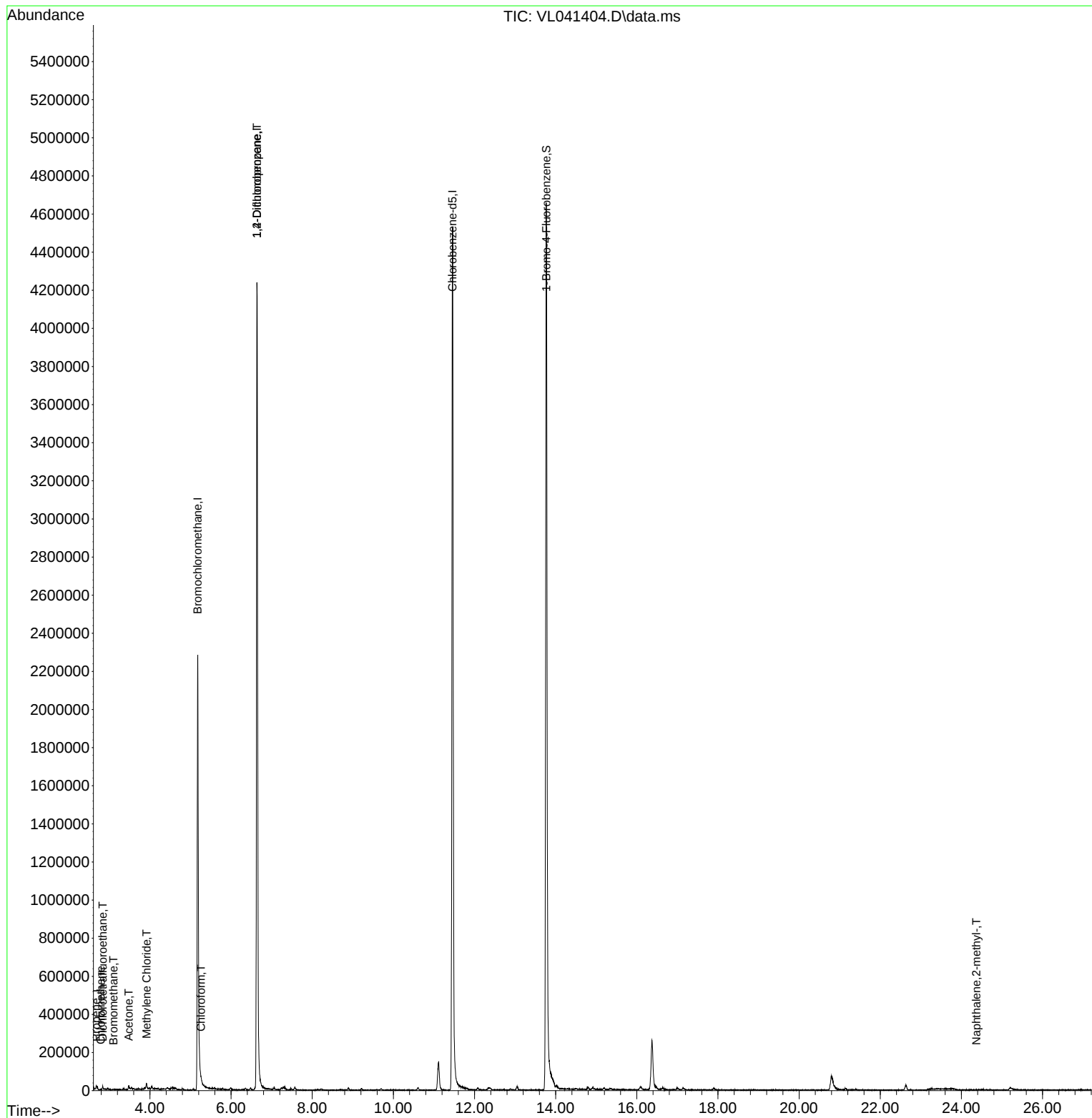
Internal Standards						
1) Bromochloromethane	5.176	49	1173154	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.639	114	3272729	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.458	117	3056197	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	2360153	10.303	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.000%
Target Compounds						
					Qvalue	
4) Chloromethane	2.790	50	2770	0.036	ppbv	93
6) Bromomethane	3.102	94	1279	0.048	ppbv #	12
8) Dichlorotetrafluoroethane	2.835	85	6246	0.032	ppbv	94
9) Propene	2.674	41	5228	0.075	ppbv #	62
15) Acetone	3.475	43	13365	0.086	ppbv #	46
20) Methylene Chloride	3.918	84	8523	0.152	ppbv #	87
29) Chloroform	5.259	83	6929	0.036	ppbv #	82
39) 1,2-Dichloropropane	6.639	63	800118	7.644	ppbv #	26
80) Naphthalene,2-methyl-	24.371	142	304	0.560	ppbv #	35

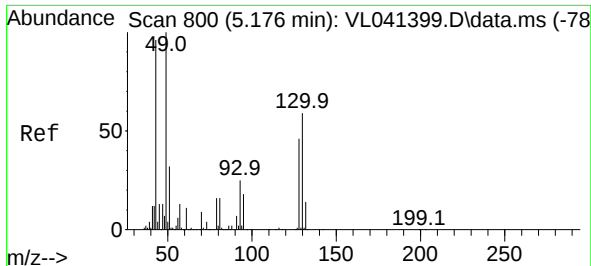
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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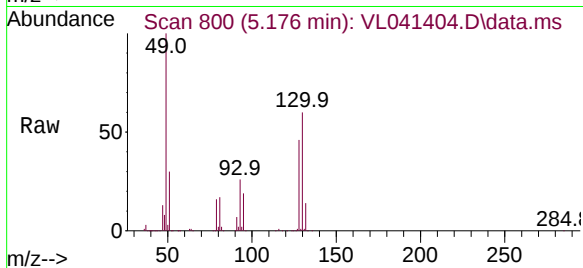
Quant Time: Jul 26 02:45:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Thu Jul 25 14:31:18 2024
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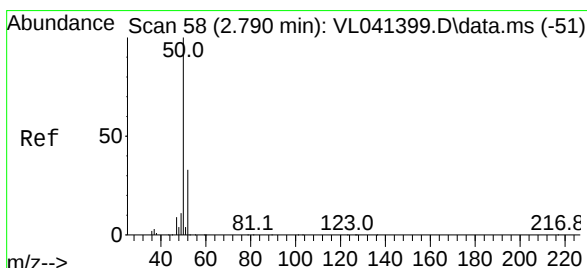
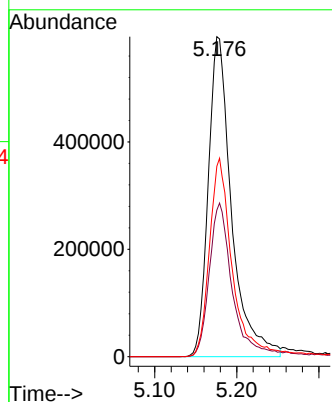
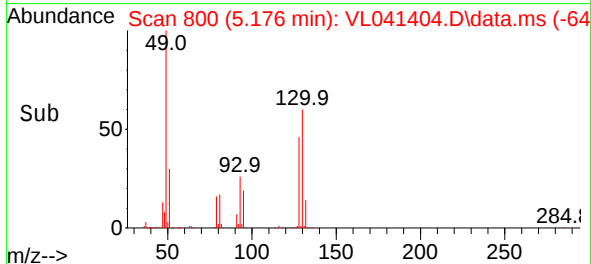


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.176 min Scan# 80
Delta R.T. -0.000 min
Lab File: VL041404.D
Acq: 25 Jul 2024 17:24

Instrument :
MSVOA_L
ClientSampleId :

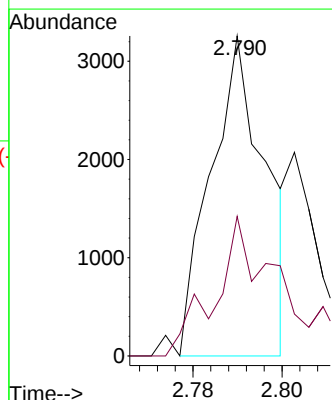
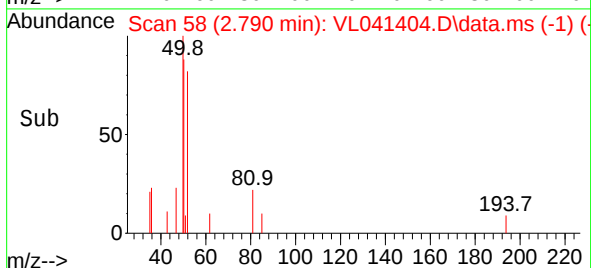
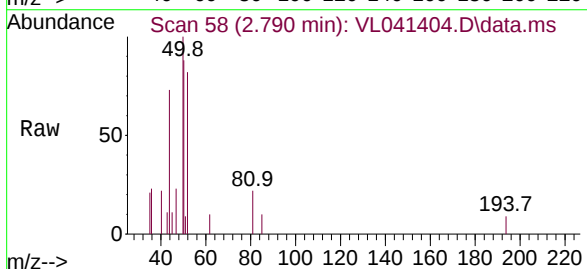


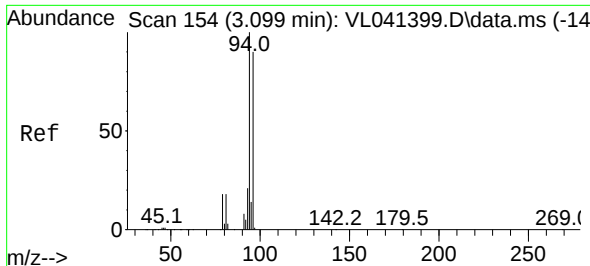
Tgt Ion: 49 Resp: 1173154
Ion Ratio Lower Upper
49 100
128 48.8 23.8 71.4
130 63.1 30.8 92.4



#4
Chloromethane
Concen: 0.036 ppbv
RT: 2.790 min Scan# 58
Delta R.T. -0.000 min
Lab File: VL041404.D
Acq: 25 Jul 2024 17:24

Tgt Ion: 50 Resp: 2770
Ion Ratio Lower Upper
50 100
52 36.7 26.1 39.1

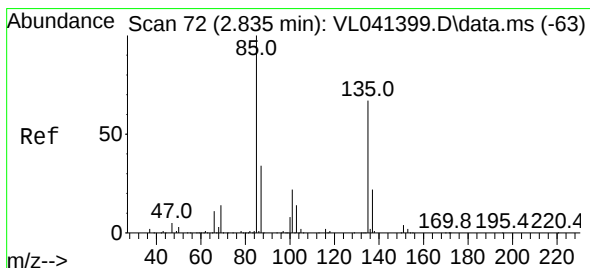
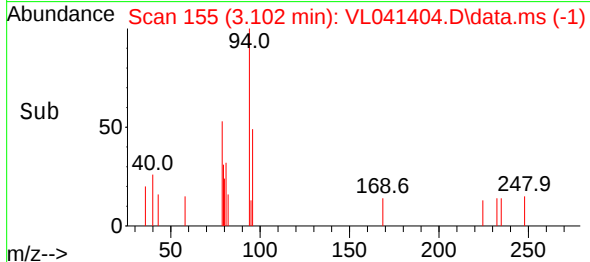
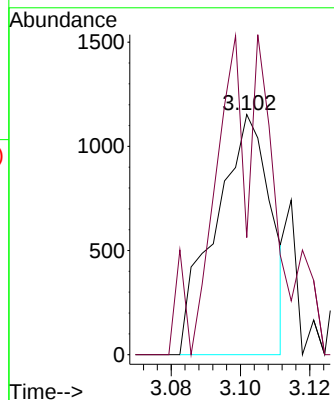
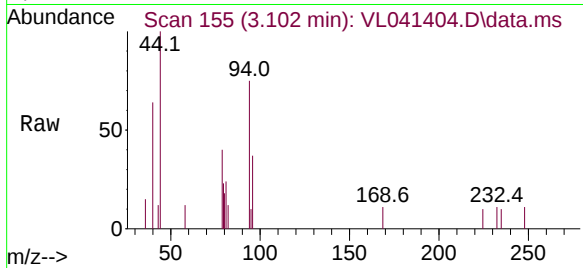




#6
Bromomethane
Concen: 0.048 ppbv
RT: 3.102 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL041404.D
Acq: 25 Jul 2024 17:24

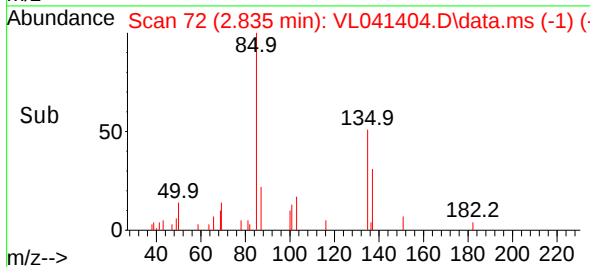
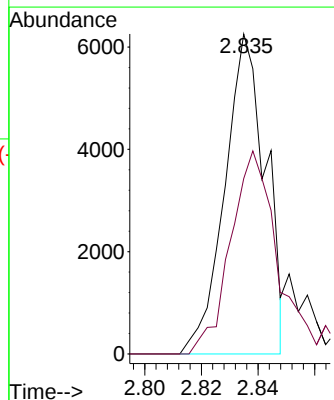
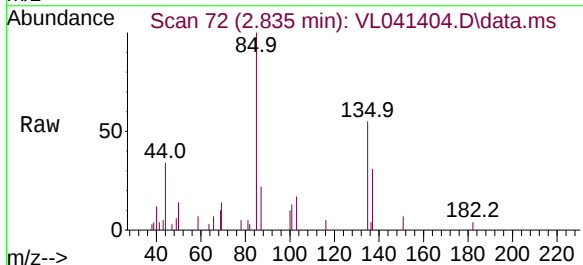
Instrument :
MSVOA_L
ClientSampleId :

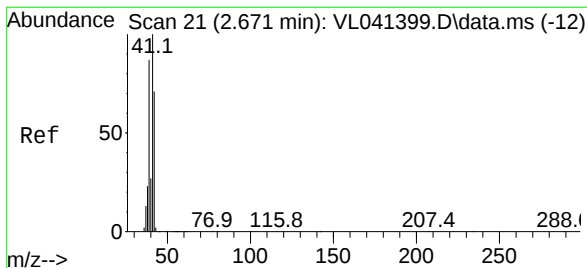
Tgt Ion: 94 Resp: 1279
Ion Ratio Lower Upper
94 100
96 7.2 72.3 108.5#



#8
Dichlorotetrafluoroethane
Concen: 0.032 ppbv
RT: 2.835 min Scan# 72
Delta R.T. -0.000 min
Lab File: VL041404.D
Acq: 25 Jul 2024 17:24

Tgt Ion: 85 Resp: 6246
Ion Ratio Lower Upper
85 100
135 74.2 55.4 83.0





#9

Propene

Concen: 0.075 ppbv

RT: 2.674 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL041404.D

Acq: 25 Jul 2024 17:24

Instrument :

MSVOA_L

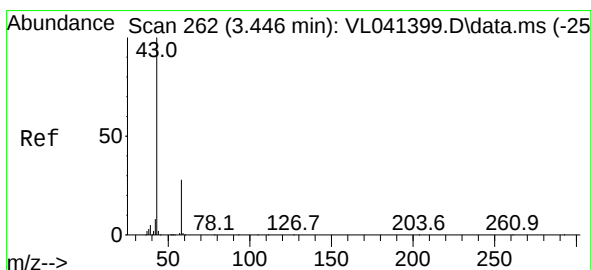
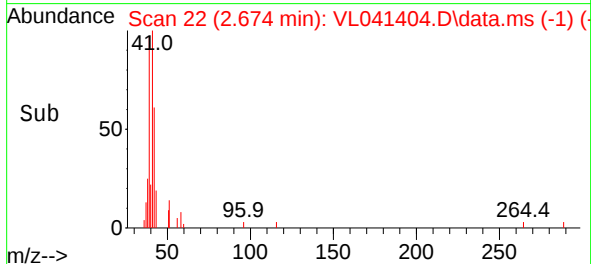
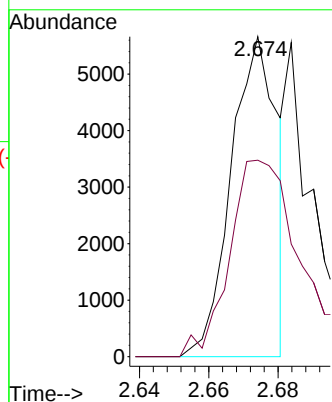
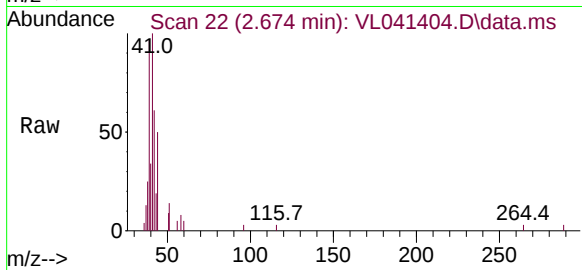
ClientSampleId :

Tgt Ion: 41 Resp: 5228

Ion Ratio Lower Upper

41 100

42 101.5 55.9 83.9#



#15

Acetone

Concen: 0.086 ppbv

RT: 3.475 min Scan# 271

Delta R.T. 0.029 min

Lab File: VL041404.D

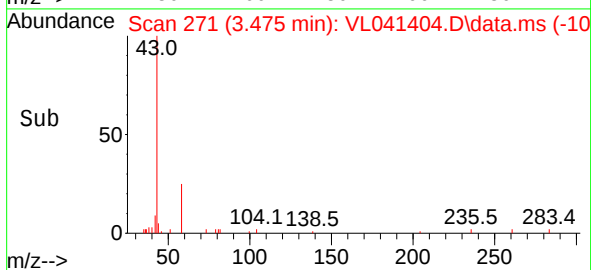
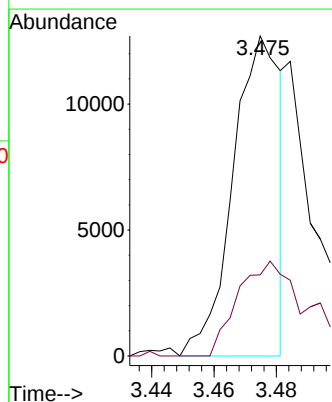
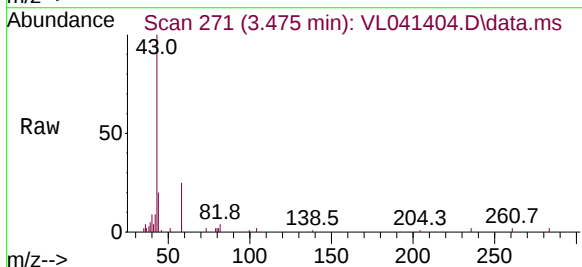
Acq: 25 Jul 2024 17:24

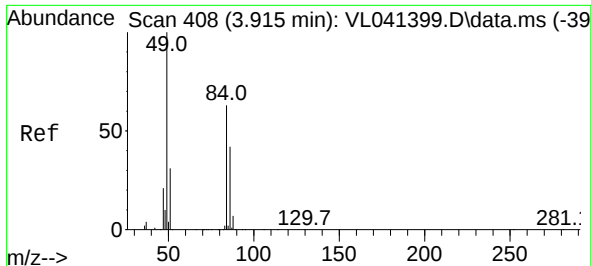
Tgt Ion: 43 Resp: 13365

Ion Ratio Lower Upper

43 100

58 54.5 21.4 32.2#





#20

Methylene Chloride

Concen: 0.152 ppbv

RT: 3.918 min Scan# 408

Delta R.T. 0.003 min

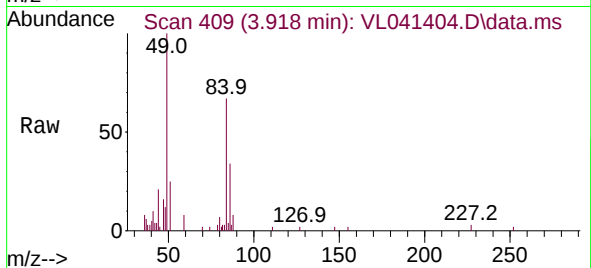
Lab File: VL041404.D

Acq: 25 Jul 2024 17:24

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 84 Resp: 8523

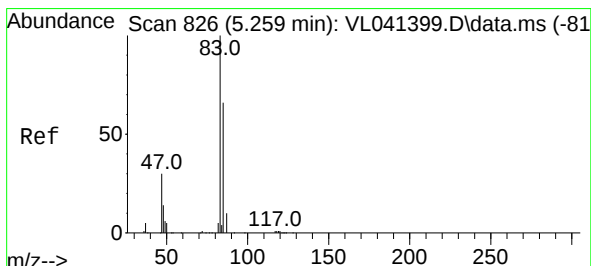
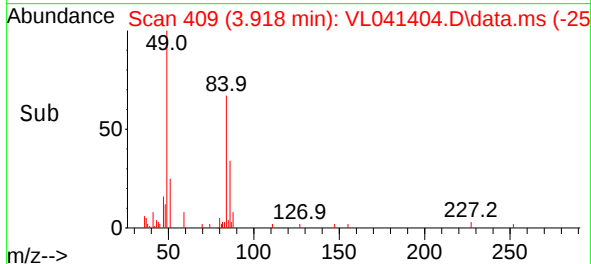
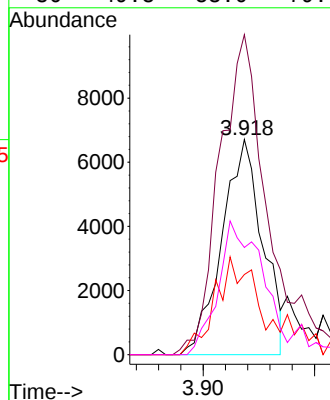
Ion Ratio Lower Upper

84 100

49 146.4 126.6 190.0

51 37.3 38.6 58.0#

86 49.8 53.0 79.4#



#29

Chloroform

Concen: 0.036 ppbv

RT: 5.259 min Scan# 826

Delta R.T. -0.000 min

Lab File: VL041404.D

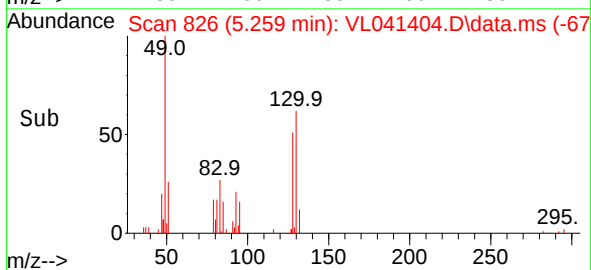
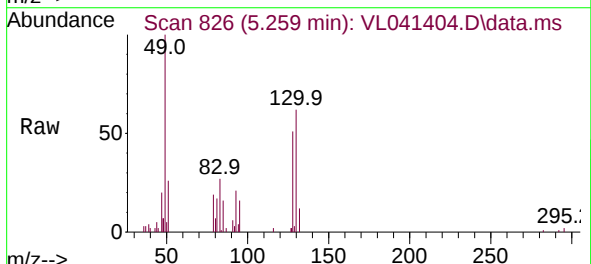
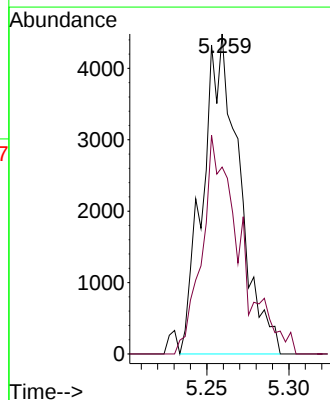
Acq: 25 Jul 2024 17:24

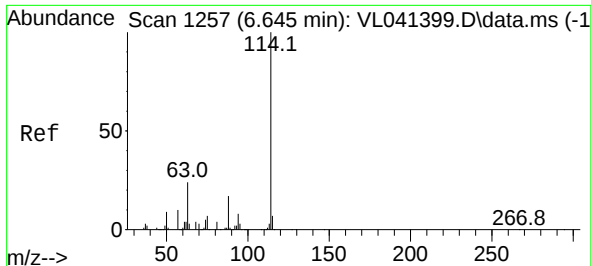
Tgt Ion: 83 Resp: 6929

Ion Ratio Lower Upper

83 100

85 52.2 53.1 79.7#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.639 min Scan# 1255

Delta R.T. -0.006 min

Lab File: VL041404.D

Acq: 25 Jul 2024 17:24

Instrument :

MSVOA_L

ClientSampleId :

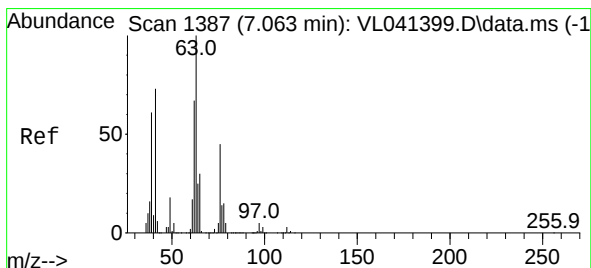
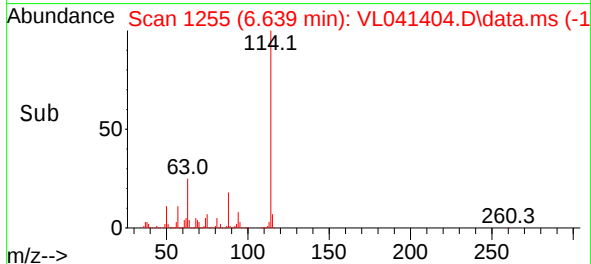
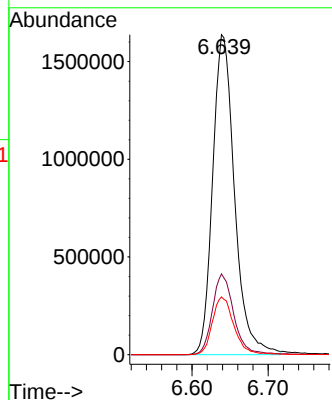
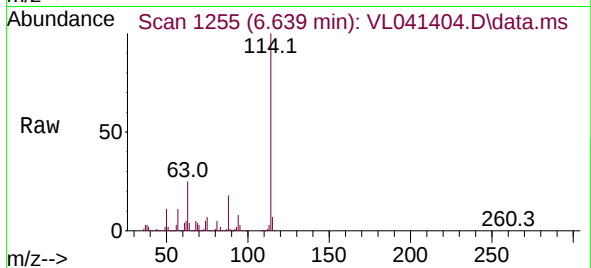
Tgt Ion:114 Resp: 3272729

Ion Ratio Lower Upper

114 100

63 24.9 20.3 30.5

88 18.0 14.3 21.5



#39

1,2-Dichloropropane

Concen: 7.644 ppbv

RT: 6.639 min Scan# 1255

Delta R.T. -0.424 min

Lab File: VL041404.D

Acq: 25 Jul 2024 17:24

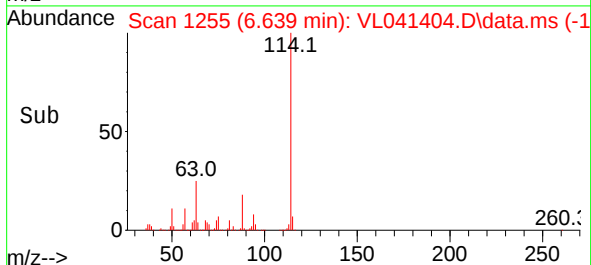
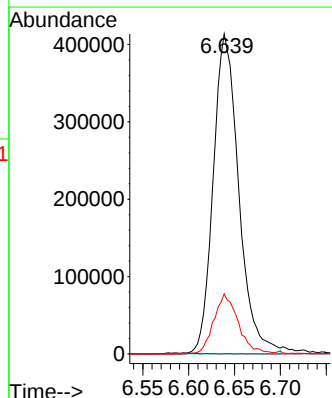
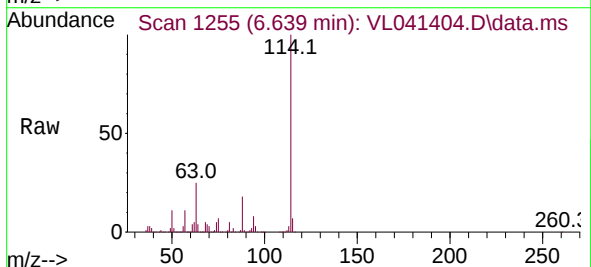
Tgt Ion: 63 Resp: 800118

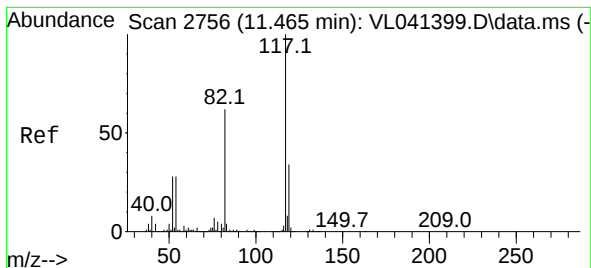
Ion Ratio Lower Upper

63 100

41 0.0 58.3 87.5#

62 18.8 53.9 80.9#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.458 min Scan# 21

Delta R.T. -0.006 min

Lab File: VL041404.D

Acq: 25 Jul 2024 17:24

Instrument :

MSVOA_L

ClientSampleId :

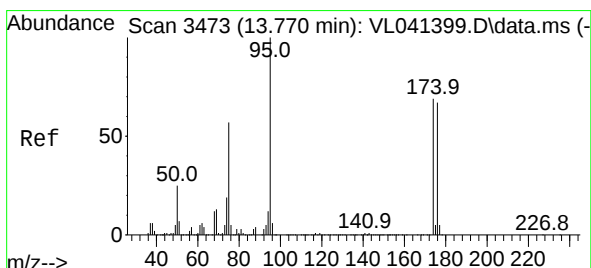
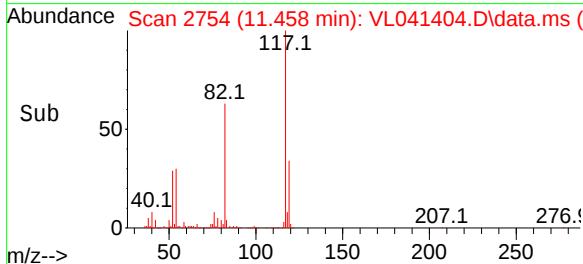
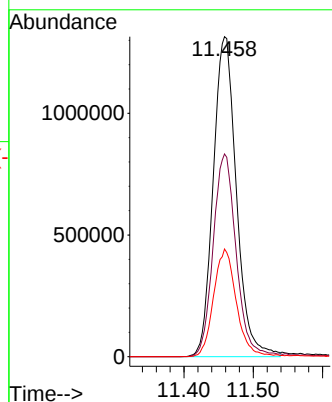
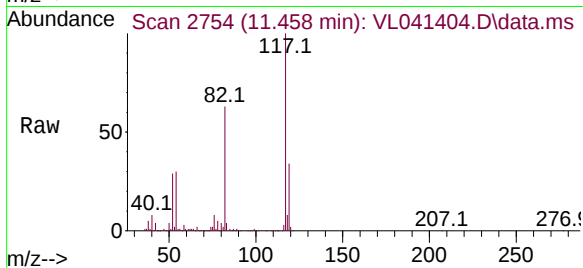
Tgt Ion:117 Resp: 3056197

Ion Ratio Lower Upper

117 100

82 64.0 51.0 76.6

119 33.7 45.2 67.8#



#68

1-Bromo-4-Fluorobenzene

Concen: 10.303 ppbv

RT: 13.767 min Scan# 3472

Delta R.T. -0.003 min

Lab File: VL041404.D

Acq: 25 Jul 2024 17:24

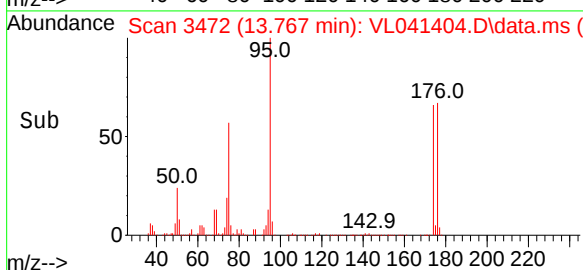
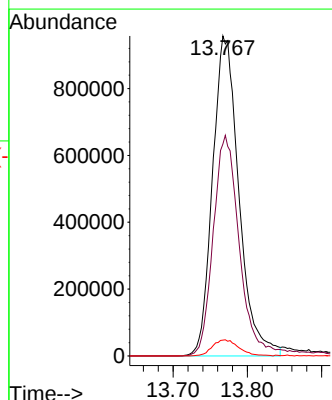
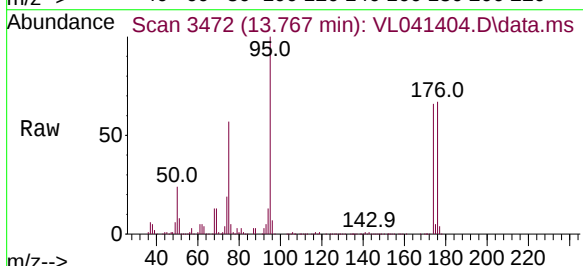
Tgt Ion: 95 Resp: 2360153

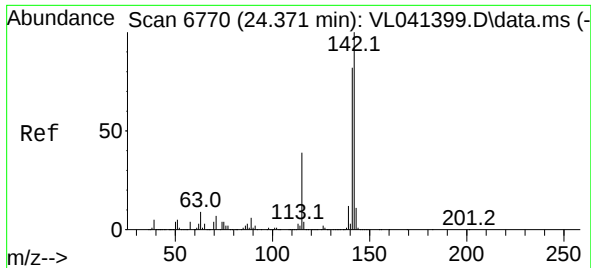
Ion Ratio Lower Upper

95 100

174 71.0 56.3 84.5

175 5.3 4.0 6.0





#80

Naphthalene, 2-methyl-

Concen: 0.560 ppbv

RT: 24.371 min Scan# 61

Delta R.T. -0.000 min

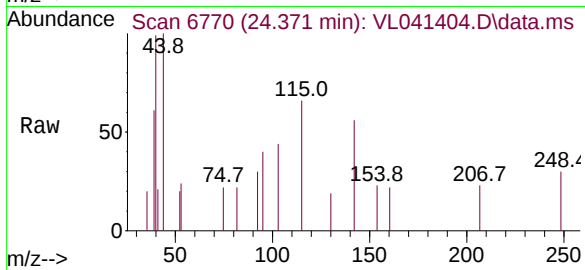
Lab File: VL041404.D

Acq: 25 Jul 2024 17:24

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:	142	Resp:	304
Ion	Ratio	Lower	Upper
142	100		
141	24.3	67.0	100.4#
115	0.0	32.2	48.2#

