

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121624\
 Data File : VL041760.D
 Acq On : 16 Dec 2024 20:20
 Operator : SY/MD
 Sample : VL1216ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Dec 20 03:22:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Dec 19 07:32:09 2024
 Response via : Initial Calibration

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

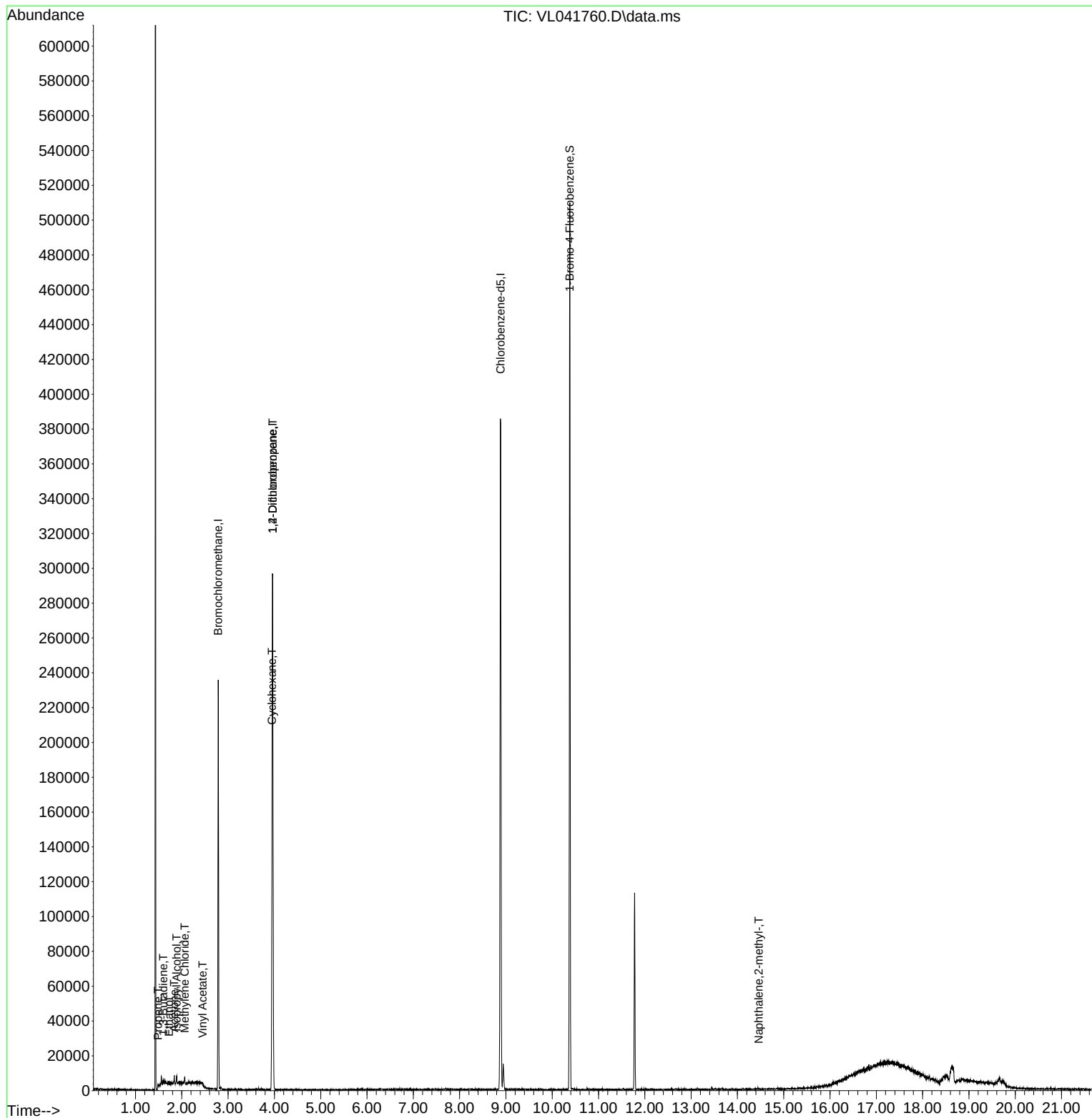
Internal Standards						
1) Bromochloromethane	2.787	49	62878	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	169102	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.882	117	149246	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	121763	9.790	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.900%
Target Compounds						
					Qvalue	
9) Propene	1.486	41	469	0.106	ppbv #	70
13) Ethanol	1.722	45	301	0.818	ppbv #	34
15) Acetone	1.835	43	2032	0.166	ppbv	98
16) 1,3-Butadiene	1.599	39	376	0.078	ppbv #	13
19) Isopropyl Alcohol	1.887	45	1804	0.246	ppbv #	34
20) Methylene Chloride	2.065	84	540	0.155	ppbv	89
23) Vinyl Acetate	2.450	43	374	0.066	ppbv #	1
30) Cyclohexane	3.949	84	235	0.032	ppbv #	2
39) 1,2-Dichloropropane	3.962	63	45709	7.225	ppbv #	16
80) Naphthalene,2-methyl-	14.458	142	185	0.038	ppbv #	45

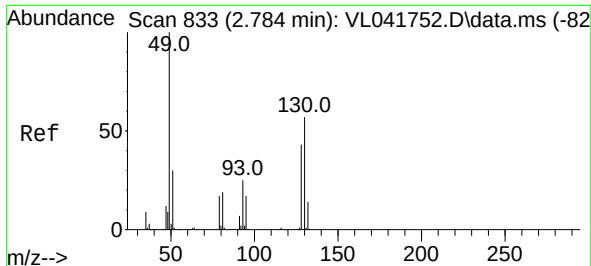
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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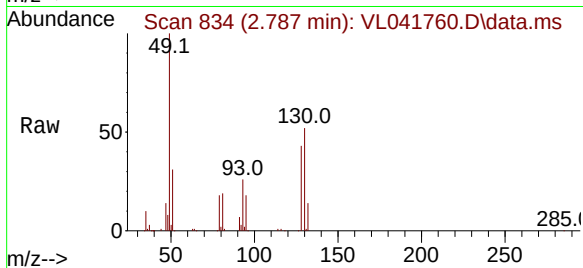
Quant Time: Dec 20 03:22:25 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Thu Dec 19 07:32:09 2024
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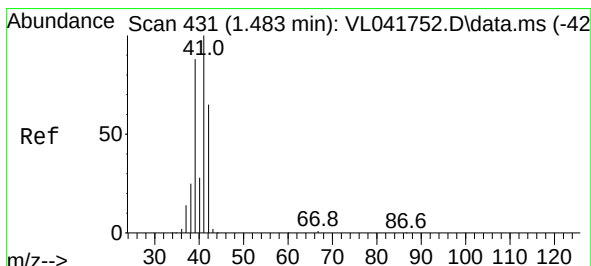
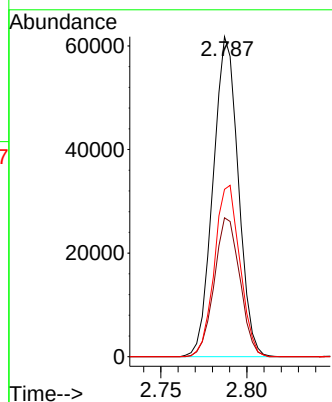
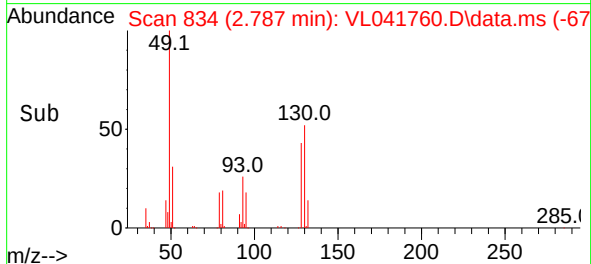


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 834
Delta R.T. 0.003 min
Lab File: VL041760.D
Acq: 16 Dec 2024 20:20

Instrument :
MSVOA_L
ClientSampleId :

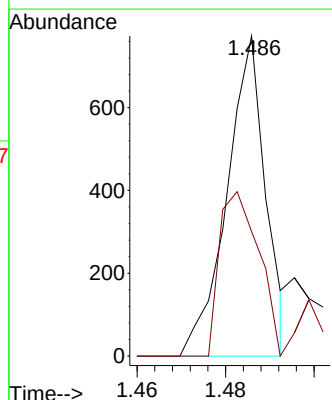
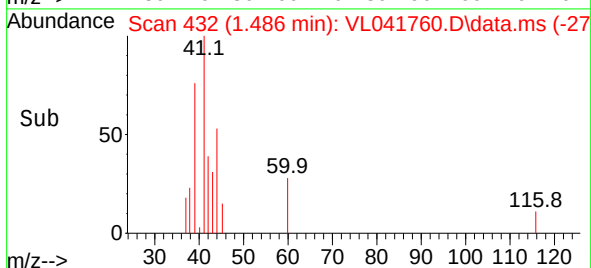
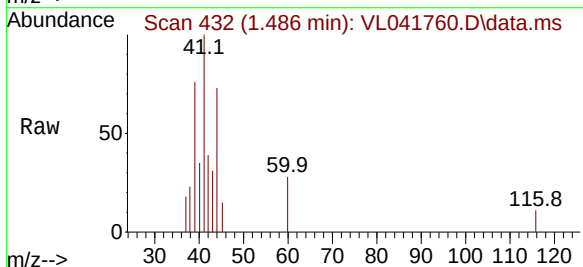


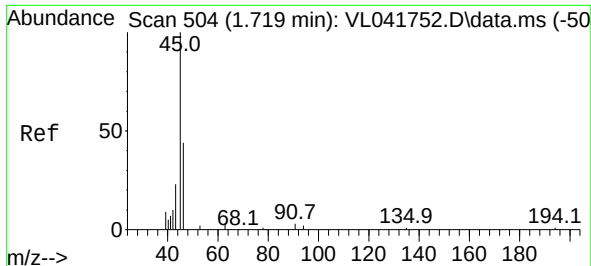
Tgt Ion: 49 Resp: 62878
Ion Ratio Lower Upper
49 100
128 44.3 21.6 64.6
130 54.1 28.3 85.0



#9
Propene
Concen: 0.106 ppbv
RT: 1.486 min Scan# 432
Delta R.T. 0.003 min
Lab File: VL041760.D
Acq: 16 Dec 2024 20:20

Tgt Ion: 41 Resp: 469
Ion Ratio Lower Upper
41 100
42 89.3 52.4 78.6#





#13

Ethanol

Concen: 0.818 ppbv

RT: 1.722 min Scan# 50

Delta R.T. 0.003 min

Lab File: VL041760.D

Acq: 16 Dec 2024 20:20

Instrument :

MSVOA_L

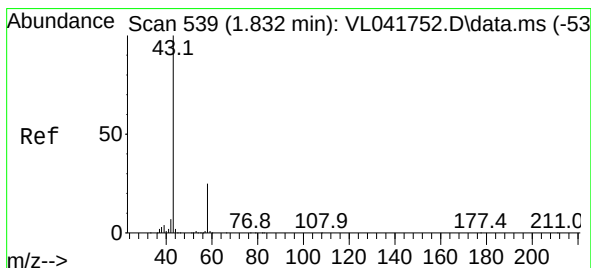
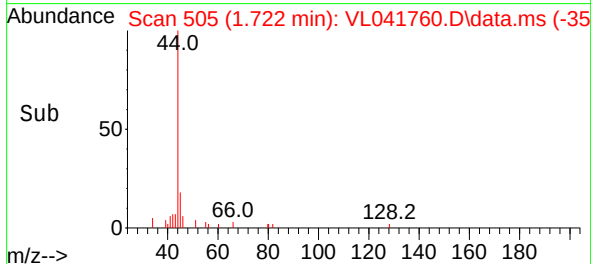
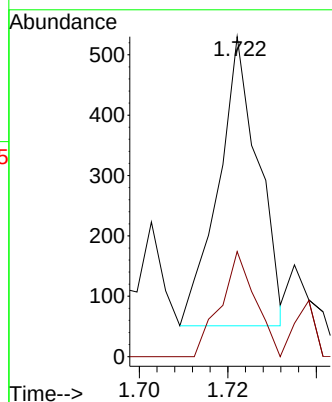
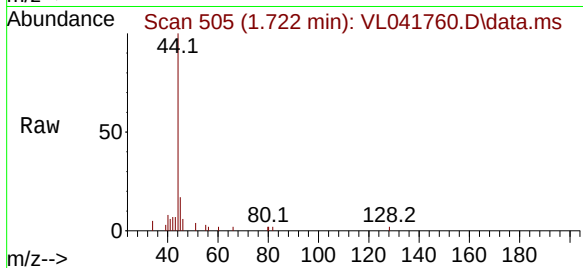
ClientSampleId :

Tgt Ion: 45 Resp: 301

Ion Ratio Lower Upper

45 100

46 0.0 16.4 65.8#



#15

Acetone

Concen: 0.166 ppbv

RT: 1.835 min Scan# 540

Delta R.T. 0.003 min

Lab File: VL041760.D

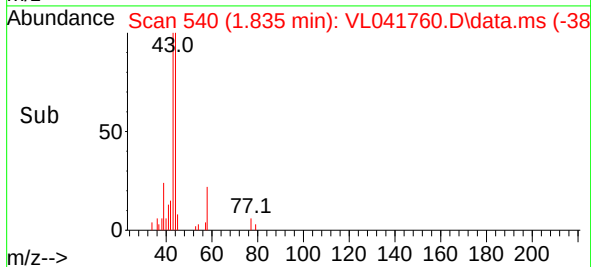
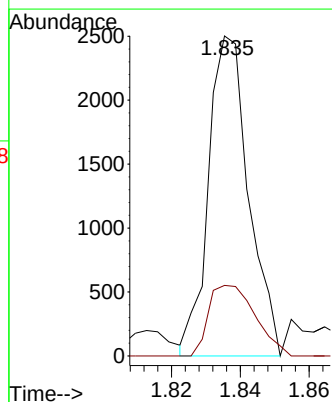
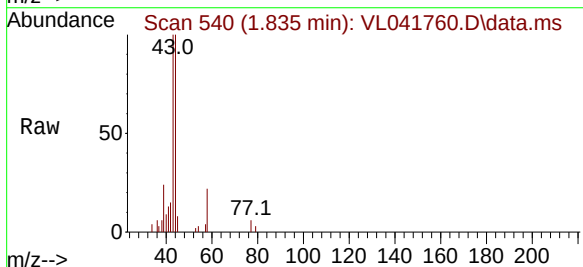
Acq: 16 Dec 2024 20:20

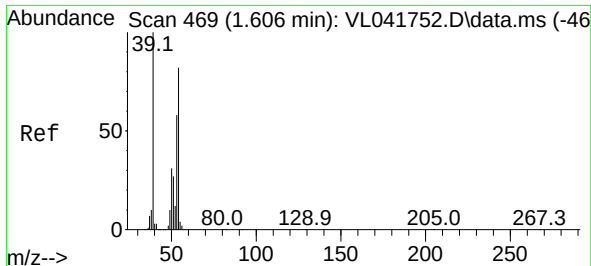
Tgt Ion: 43 Resp: 2032

Ion Ratio Lower Upper

43 100

58 25.6 19.7 29.5

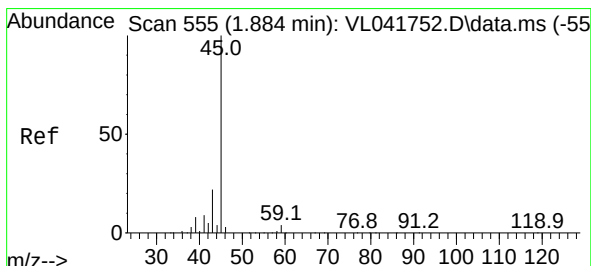
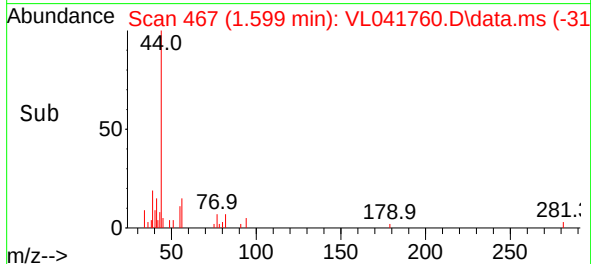
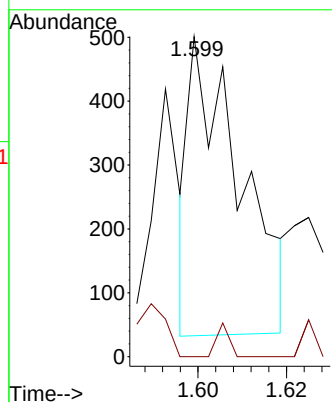
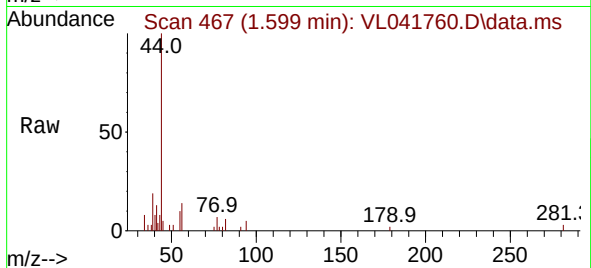




#16
1,3-Butadiene
Concen: 0.078 ppbv
RT: 1.599 min Scan# 467
Delta R.T. -0.007 min
Lab File: VL041760.D
Acq: 16 Dec 2024 20:20

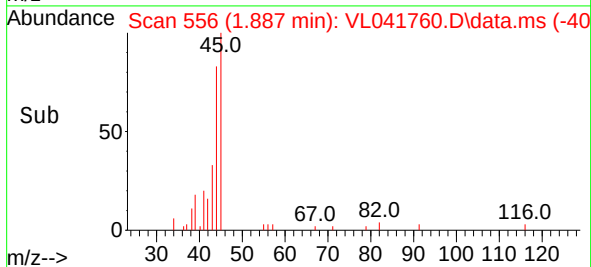
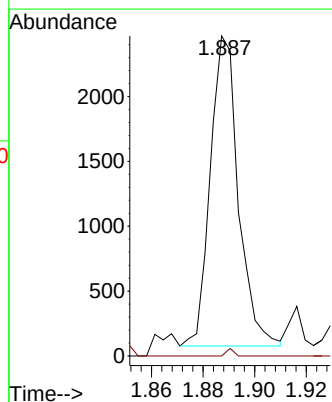
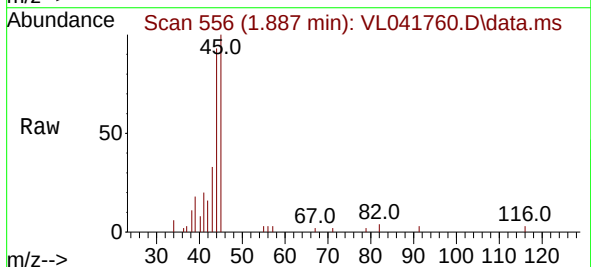
Instrument :
MSVOA_L
ClientSampleId :

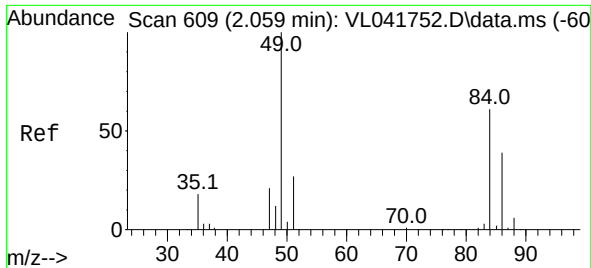
Tgt Ion: 39 Resp: 376
Ion Ratio Lower Upper
39 100
54 0.0 58.4 87.6#



#19
Isopropyl Alcohol
Concen: 0.246 ppbv
RT: 1.887 min Scan# 556
Delta R.T. 0.003 min
Lab File: VL041760.D
Acq: 16 Dec 2024 20:20

Tgt Ion: 45 Resp: 1804
Ion Ratio Lower Upper
45 100
58 0.0 33.3 49.9#





#20

Methylene Chloride

Concen: 0.155 ppbv

RT: 2.065 min Scan# 611

Delta R.T. 0.006 min

Lab File: VL041760.D

Acq: 16 Dec 2024 20:20

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 84 Resp: 540

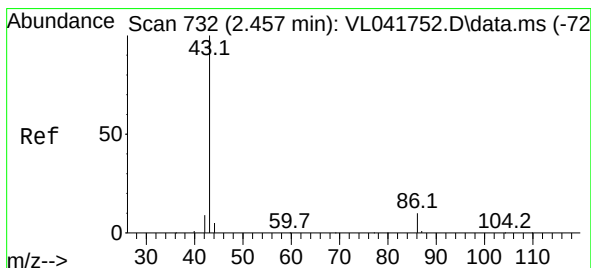
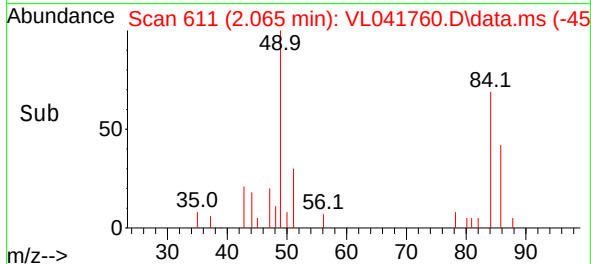
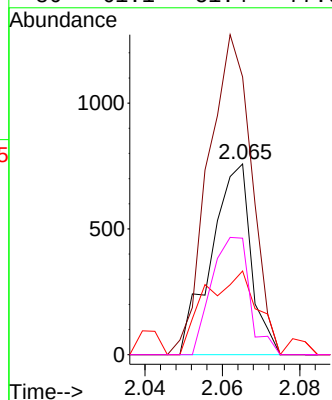
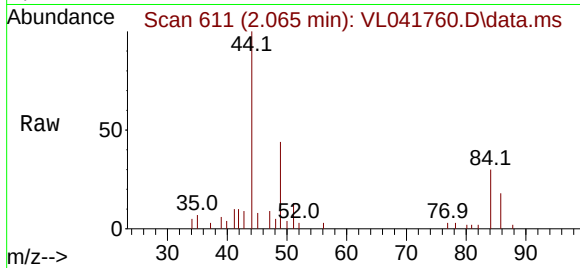
Ion Ratio Lower Upper

84 100

49 145.6 132.6 198.8

51 43.9 37.6 56.4

86 61.1 51.4 77.0



#23

Vinyl Acetate

Concen: 0.066 ppbv

RT: 2.450 min Scan# 730

Delta R.T. -0.007 min

Lab File: VL041760.D

Acq: 16 Dec 2024 20:20

Tgt Ion: 43 Resp: 374

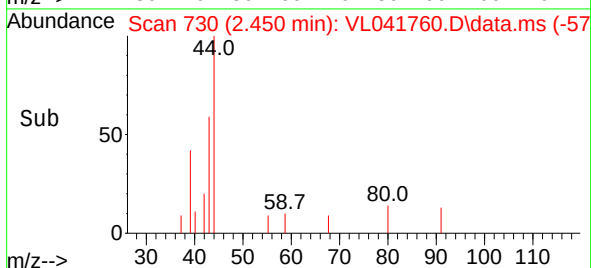
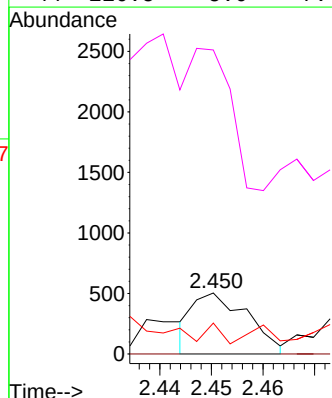
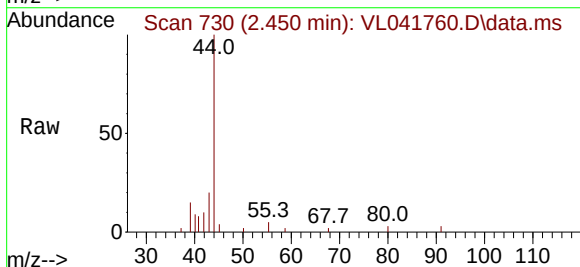
Ion Ratio Lower Upper

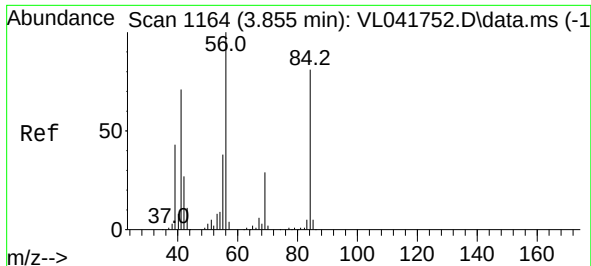
43 100

86 0.0 6.6 10.0#

42 33.6 8.2 12.2#

44 226.5 5.0 7.4#





#30

Cyclohexane

Concen: 0.032 ppbv

RT: 3.949 min Scan# 1193

Delta R.T. 0.094 min

Lab File: VL041760.D

Acq: 16 Dec 2024 20:20

Instrument :

MSVOA_L

ClientSampleId :

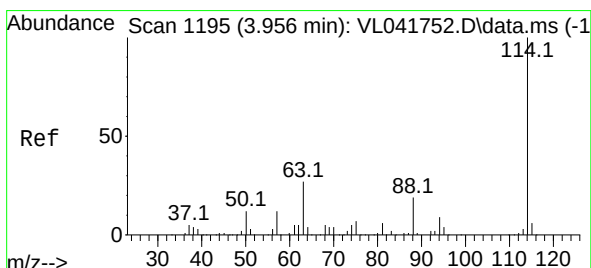
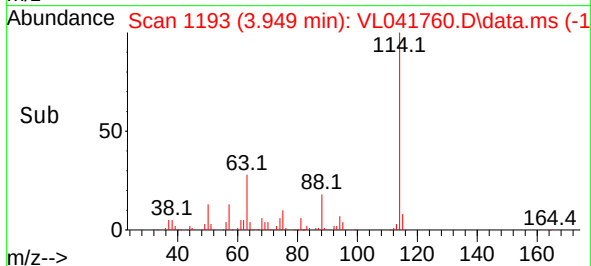
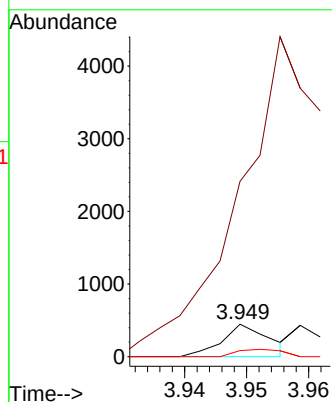
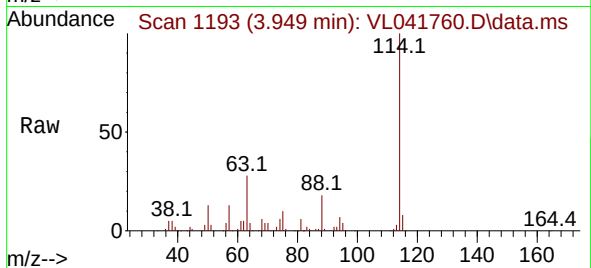
Tgt Ion: 84 Resp: 235

Ion Ratio Lower Upper

84 100

56 0.0 102.3 153.5#

41 16.2 74.0 111.0#



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.962 min Scan# 1197

Delta R.T. 0.006 min

Lab File: VL041760.D

Acq: 16 Dec 2024 20:20

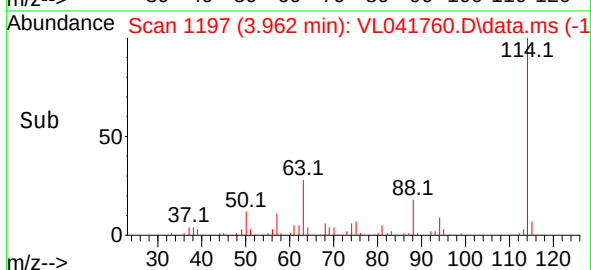
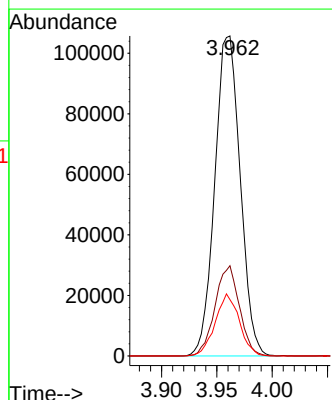
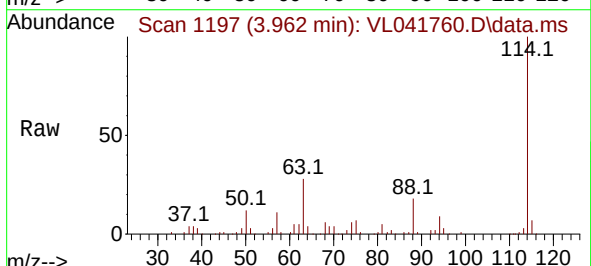
Tgt Ion: 114 Resp: 169102

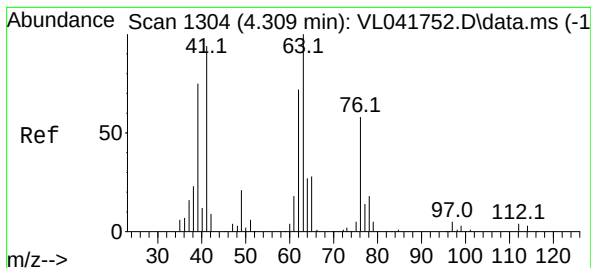
Ion Ratio Lower Upper

114 100

63 27.0 21.8 32.8

88 18.4 14.8 22.2





#39

1,2-Dichloropropane

Concen: 7.225 ppbv

RT: 3.962 min Scan# 1197

Delta R.T. -0.347 min

Lab File: VL041760.D

Acq: 16 Dec 2024 20:20

Instrument :

MSVOA_L

ClientSampleId :

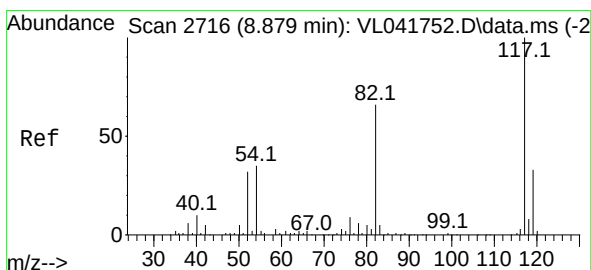
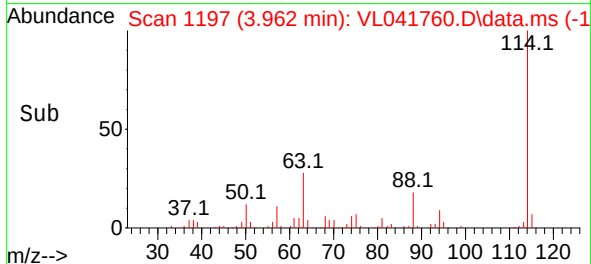
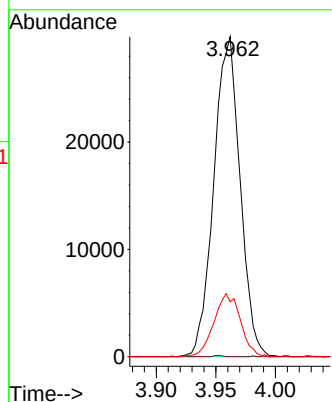
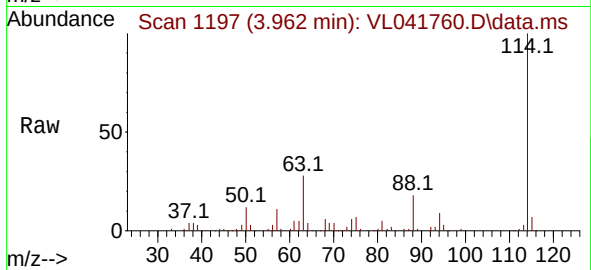
Tgt Ion: 63 Resp: 45709

Ion Ratio Lower Upper

63 100

41 0.0 75.3 112.9#

62 17.1 57.3 85.9#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.882 min Scan# 2717

Delta R.T. 0.003 min

Lab File: VL041760.D

Acq: 16 Dec 2024 20:20

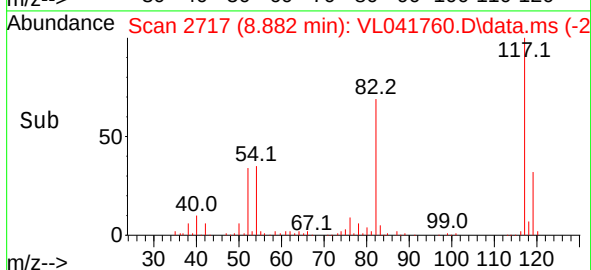
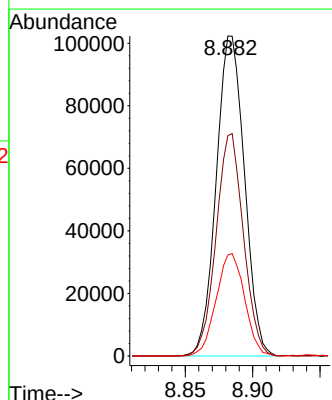
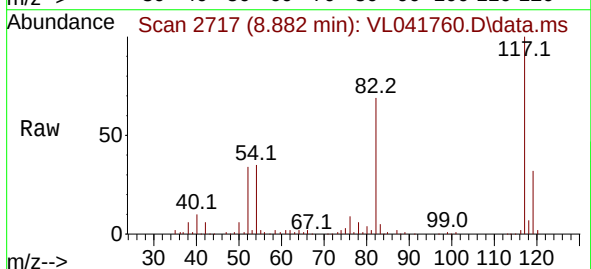
Tgt Ion: 117 Resp: 149246

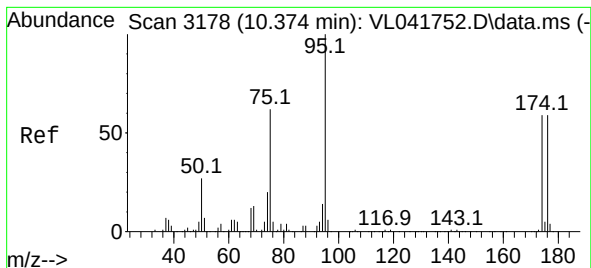
Ion Ratio Lower Upper

117 100

82 67.4 53.8 80.8

119 32.2 26.7 40.1





#68

1-Bromo-4-Fluorobenzene

Concen: 9.790 ppbv

RT: 10.377 min Scan# 3178

Delta R.T. 0.003 min

Lab File: VL041760.D

Acq: 16 Dec 2024 20:20

Instrument :

MSVOA_1

ClientSampleId :

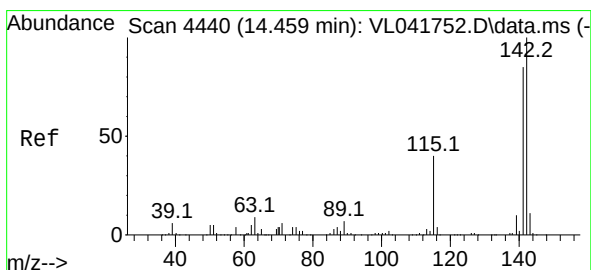
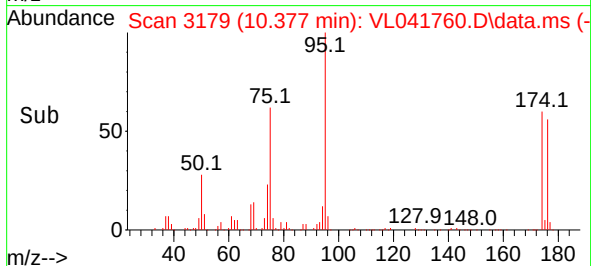
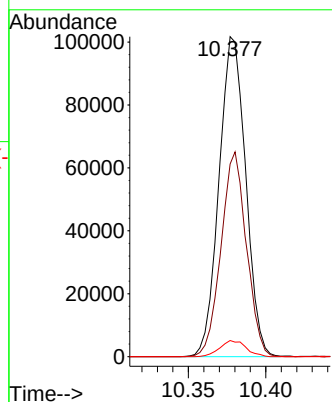
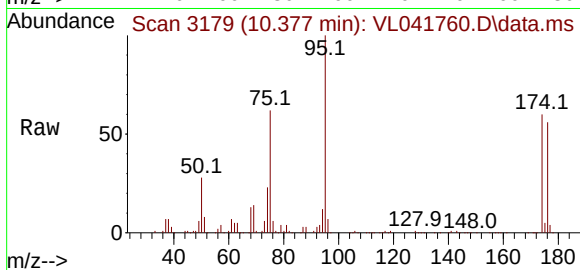
Tgt Ion: 95 Resp: 121763

Ion Ratio Lower Upper

95 100

174 60.9 47.6 71.4

175 5.0 3.7 5.5



#80

Naphthalene, 2-methyl-

Concen: 0.038 ppbv

RT: 14.458 min Scan# 4440

Delta R.T. -0.000 min

Lab File: VL041760.D

Acq: 16 Dec 2024 20:20

Tgt Ion: 142 Resp: 185

Ion Ratio Lower Upper

142 100

141 40.0 68.4 102.6#

115 0.0 32.5 48.7#

