

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121724\
 Data File : VL041784.D
 Acq On : 17 Dec 2024 17:50
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

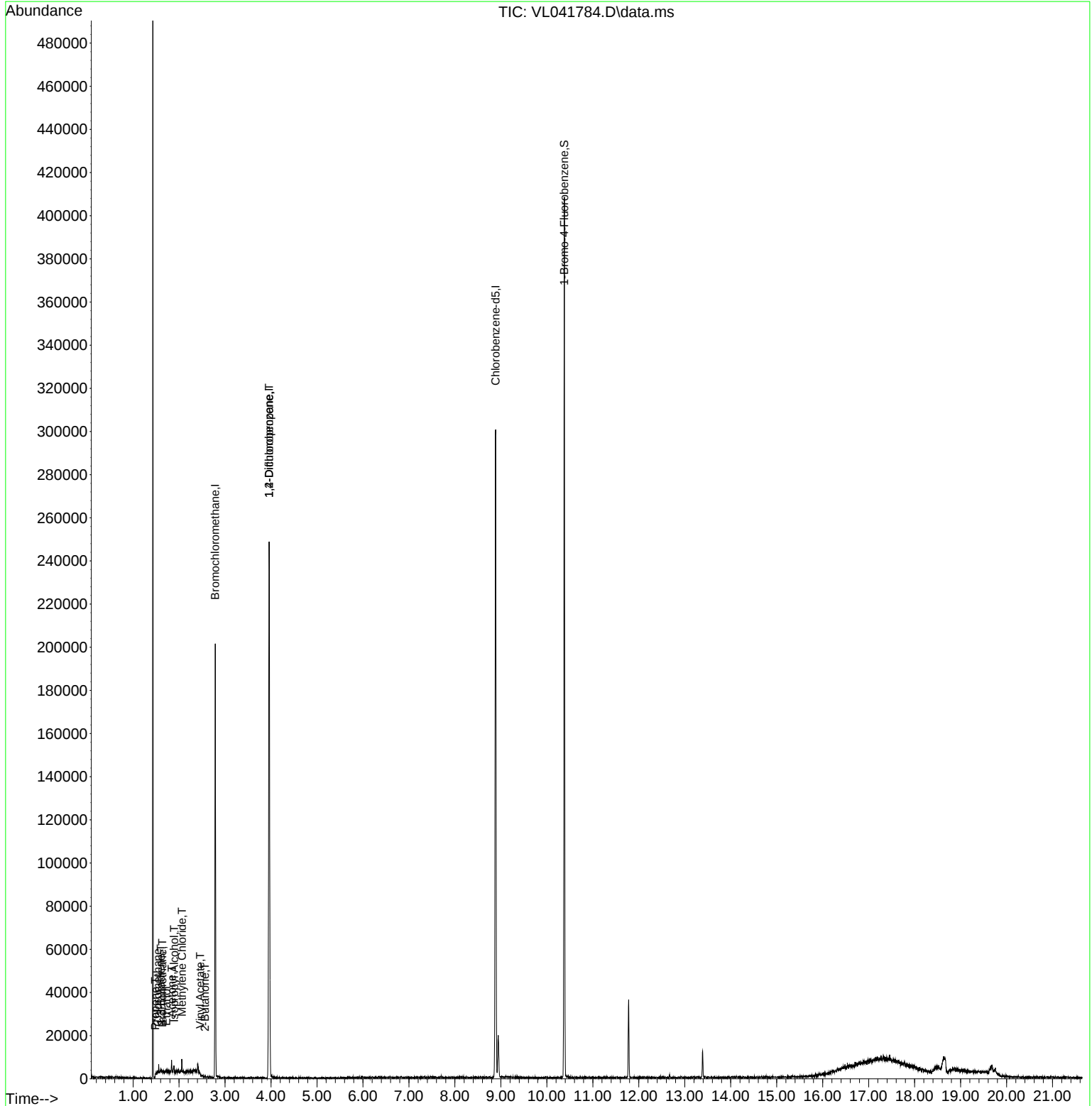
Quant Time: Dec 21 01:24:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Dec 19 07:32:09 2024
 Response via : Initial Calibration

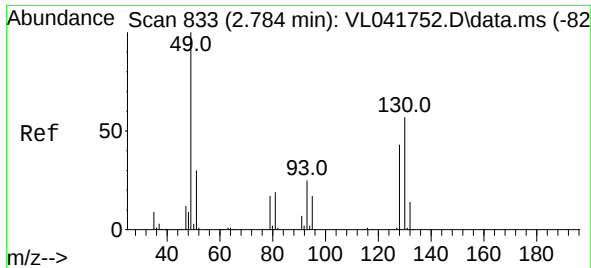
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	2.787	49	50666	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	125947	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	106522	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	89218	10.051	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.500%
Target Compounds						
					Qvalue	
4) Chloromethane	1.531	50	172	0.049	ppbv #	42
6) Bromomethane	1.635	94	66	0.039	ppbv #	3
9) Propene	1.483	41	232	0.065	ppbv #	62
13) Ethanol	1.722	45	470	1.585	ppbv	67
15) Acetone	1.839	43	2605	0.264	ppbv	92
16) 1,3-Butadiene	1.605	39	159	0.041	ppbv #	13
19) Isopropyl Alcohol	1.890	45	1397	0.236	ppbv #	40
20) Methylene Chloride	2.062	84	683	0.243	ppbv	91
23) Vinyl Acetate	2.457	43	190	0.042	ppbv #	1
34) 2-Butanone	2.564	43	346	0.034	ppbv #	55
39) 1,2-Dichloropropane	3.959	63	35595	7.554	ppbv #	20

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

Quant Time: Dec 21 01:24:36 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Thu Dec 19 07:32:09 2024
Response via : Initial Calibration

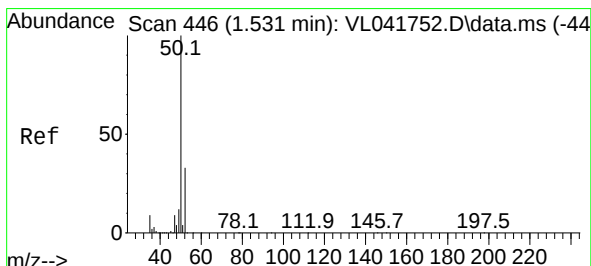
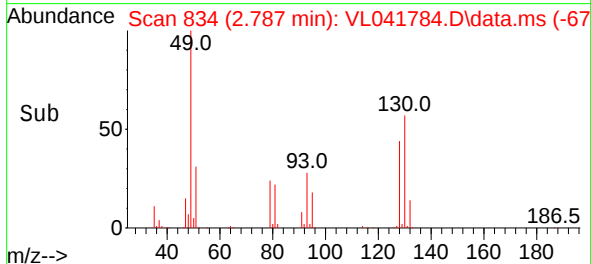
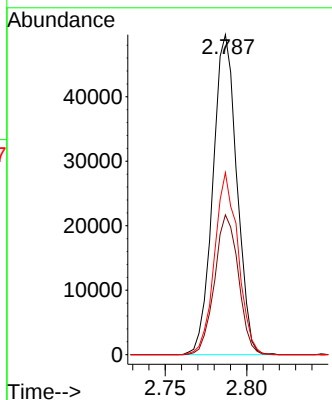
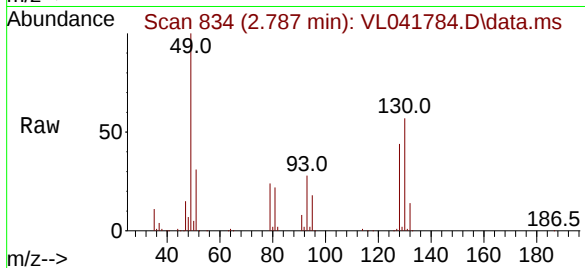




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 833
Delta R.T. 0.003 min
Lab File: VL041784.D
Acq: 17 Dec 2024 17:50

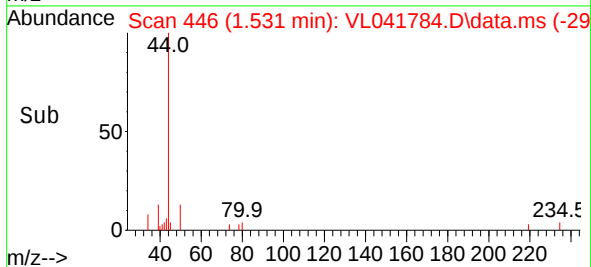
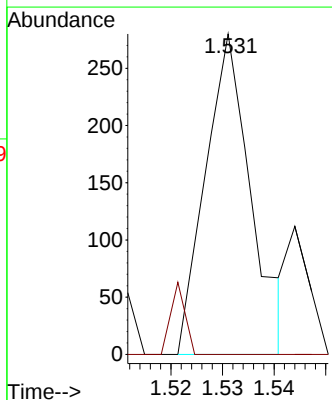
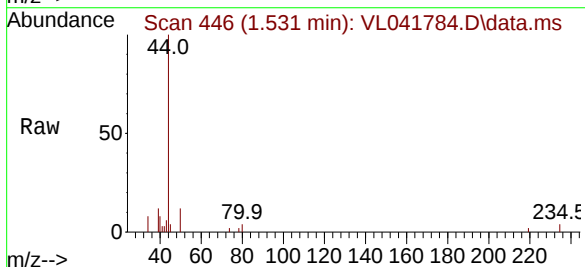
Instrument :
MSVOA_L
ClientSampleId :

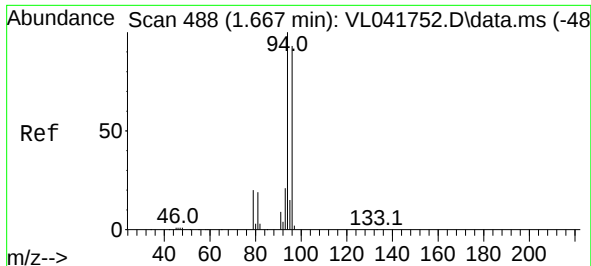
Tgt Ion: 49 Resp: 50666
Ion Ratio Lower Upper
49 100
128 43.4 21.6 64.6
130 55.8 28.3 85.0



#4
Chloromethane
Concen: 0.049 ppbv
RT: 1.531 min Scan# 446
Delta R.T. -0.000 min
Lab File: VL041784.D
Acq: 17 Dec 2024 17:50

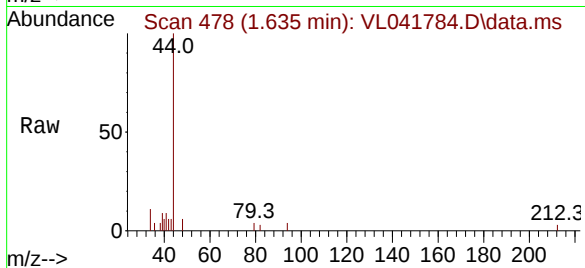
Tgt Ion: 50 Resp: 172
Ion Ratio Lower Upper
50 100
52 0.0 26.2 39.2#



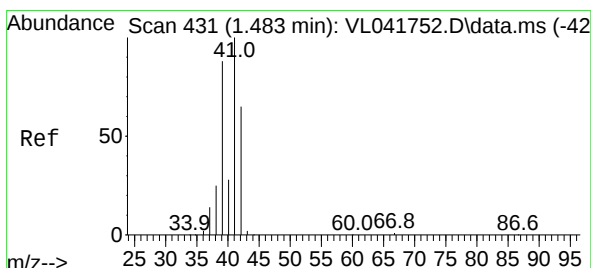
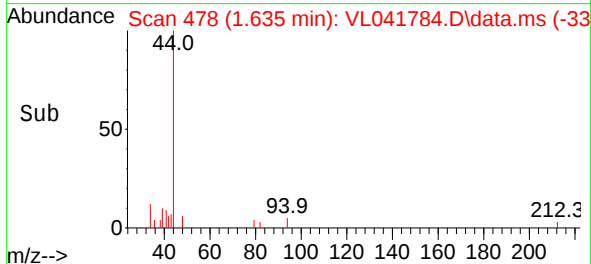
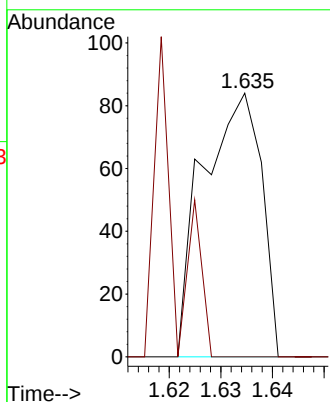


#6
Bromomethane
Concen: 0.039 ppbv
RT: 1.635 min Scan# 41
Delta R.T. -0.033 min
Lab File: VL041784.D
Acq: 17 Dec 2024 17:50

Instrument :
MSVOA_L
ClientSampleId :

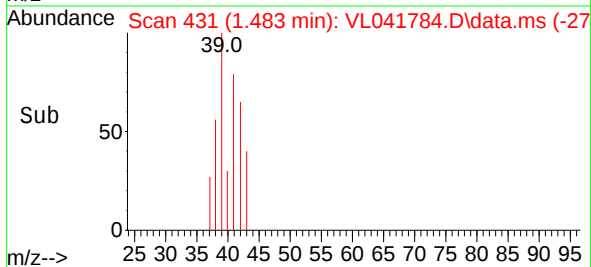
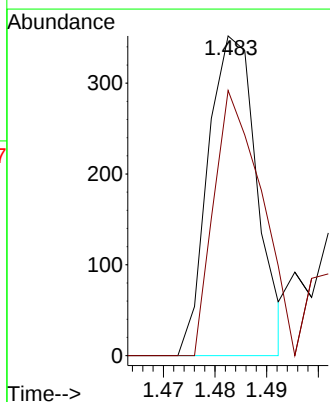
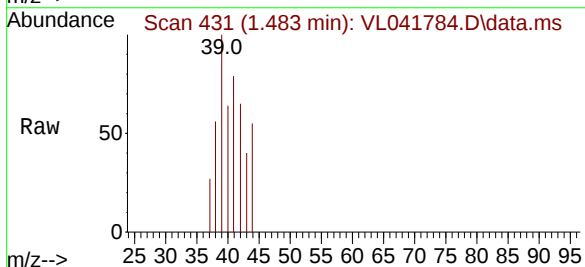


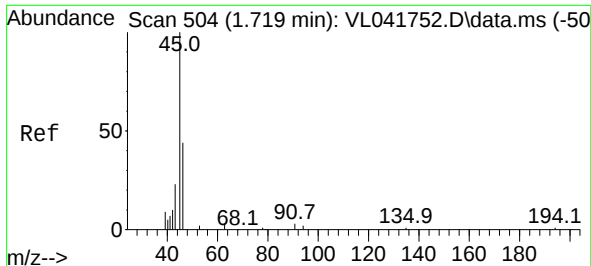
Tgt Ion: 94 Resp: 66
Ion Ratio Lower Upper
94 100
96 0.0 74.7 112.1#



#9
Propene
Concen: 0.065 ppbv
RT: 1.483 min Scan# 431
Delta R.T. -0.000 min
Lab File: VL041784.D
Acq: 17 Dec 2024 17:50

Tgt Ion: 41 Resp: 232
Ion Ratio Lower Upper
41 100
42 95.7 52.4 78.6#





#13

Ethanol

Concen: 1.585 ppbv

RT: 1.722 min Scan# 504

Delta R.T. 0.003 min

Lab File: VL041784.D

Acq: 17 Dec 2024 17:50

Instrument :

MSVOA_L

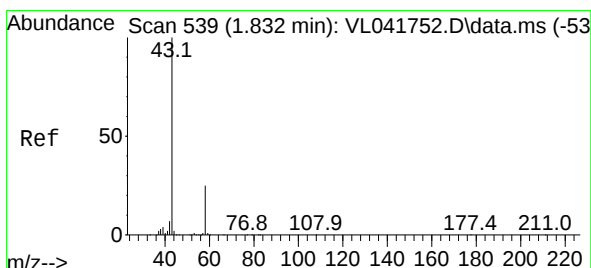
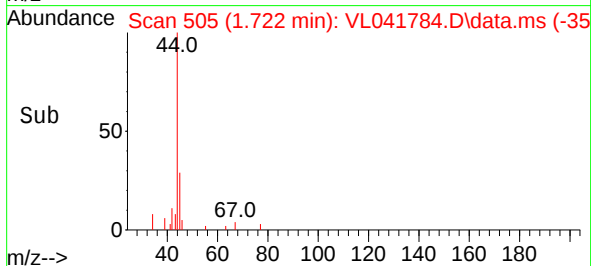
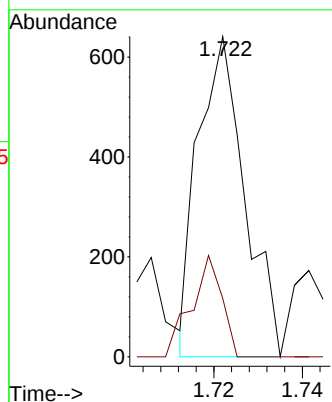
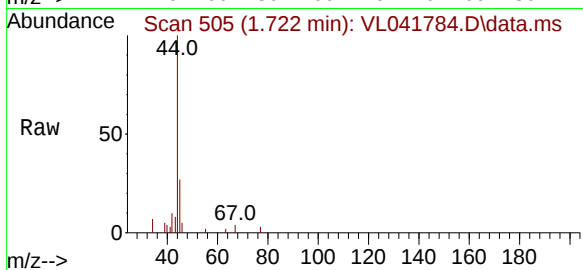
ClientSampleId :

Tgt Ion: 45 Resp: 470

Ion Ratio Lower Upper

45 100

46 20.6 16.4 65.8



#15

Acetone

Concen: 0.264 ppbv

RT: 1.839 min Scan# 541

Delta R.T. 0.006 min

Lab File: VL041784.D

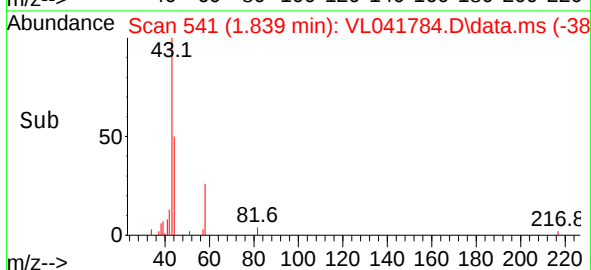
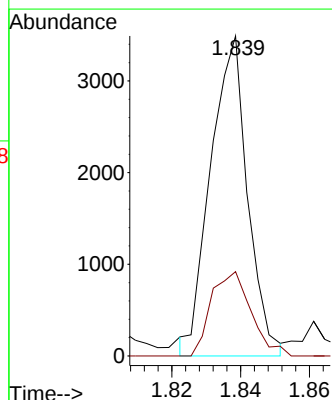
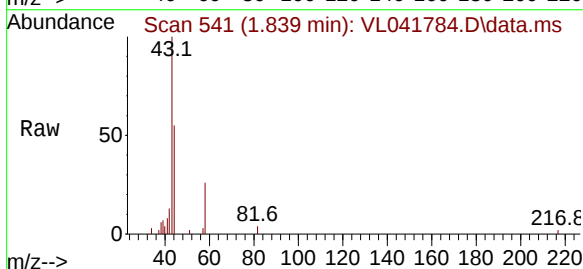
Acq: 17 Dec 2024 17:50

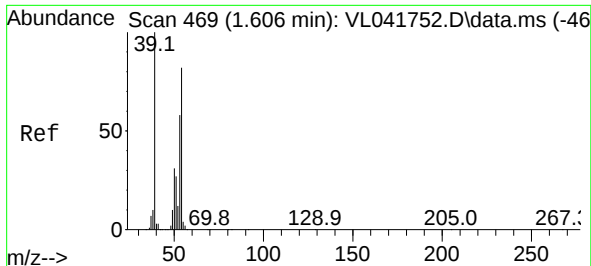
Tgt Ion: 43 Resp: 2605

Ion Ratio Lower Upper

43 100

58 28.4 19.7 29.5

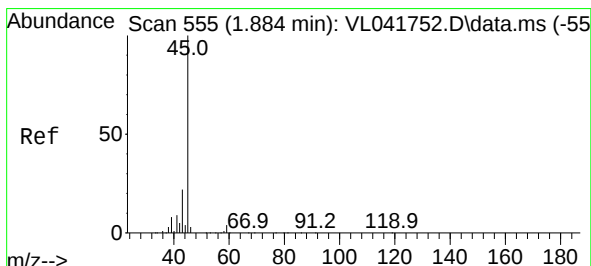
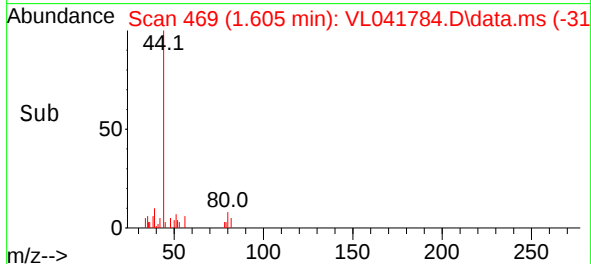
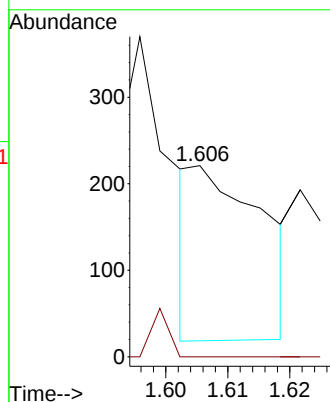
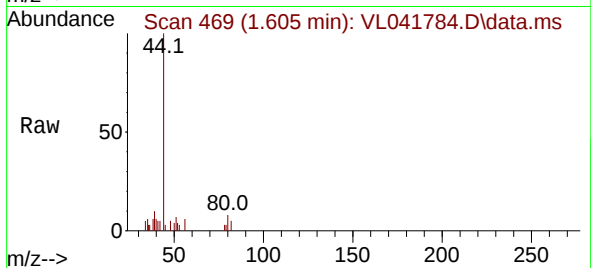




#16
1,3-Butadiene
Concen: 0.041 ppbv
RT: 1.605 min Scan# 4
Delta R.T. -0.000 min
Lab File: VL041784.D
Acq: 17 Dec 2024 17:50

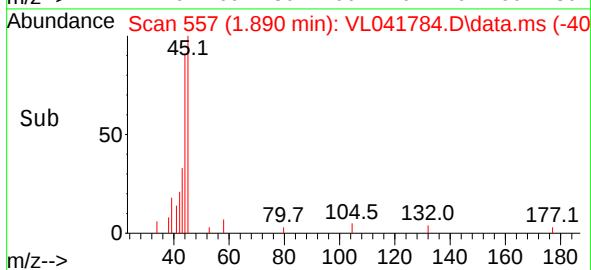
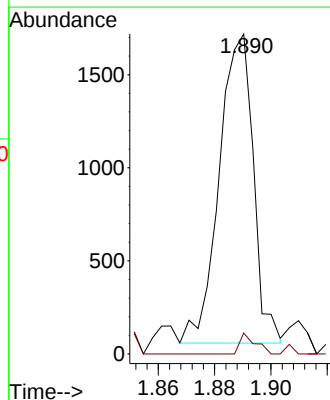
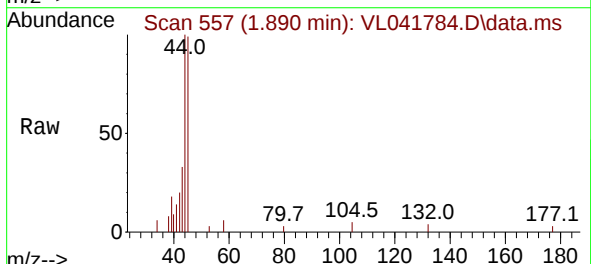
Instrument :
MSVOA_L
ClientSampleId :

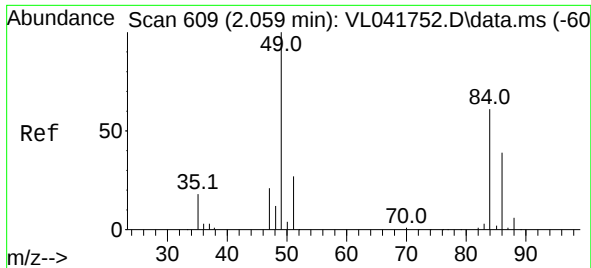
Tgt Ion: 39 Resp: 159
Ion Ratio Lower Upper
39 100
54 0.0 58.4 87.6#



#19
Isopropyl Alcohol
Concen: 0.236 ppbv
RT: 1.890 min Scan# 557
Delta R.T. 0.006 min
Lab File: VL041784.D
Acq: 17 Dec 2024 17:50

Tgt Ion: 45 Resp: 1397
Ion Ratio Lower Upper
45 100
58 3.8 33.3 49.9#





#20

Methylene Chloride

Concen: 0.243 ppbv

RT: 2.062 min Scan# 610

Delta R.T. 0.003 min

Lab File: VL041784.D

Acq: 17 Dec 2024 17:50

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 84 Resp: 683

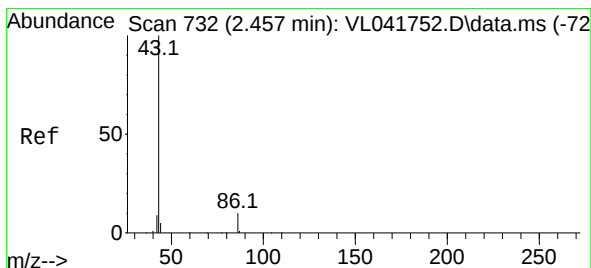
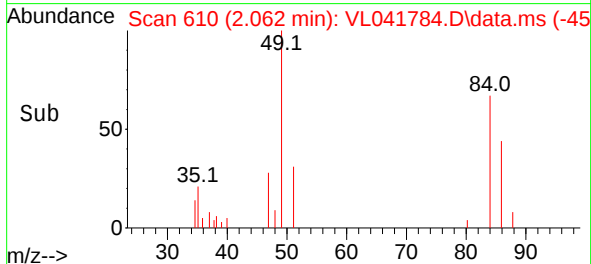
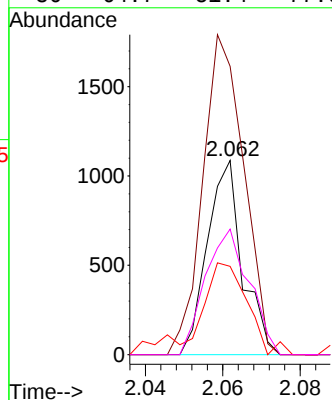
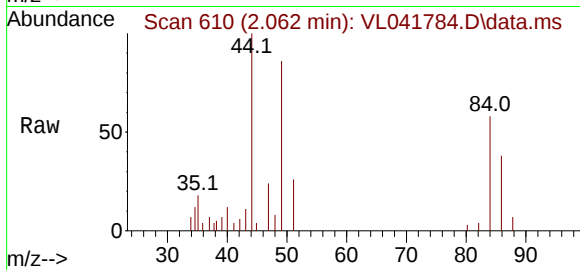
Ion Ratio Lower Upper

84 100

49 148.5 132.6 198.8

51 40.4 37.6 56.4

86 64.7 51.4 77.0



#23

Vinyl Acetate

Concen: 0.042 ppbv

RT: 2.457 min Scan# 732

Delta R.T. -0.000 min

Lab File: VL041784.D

Acq: 17 Dec 2024 17:50

Tgt Ion: 43 Resp: 190

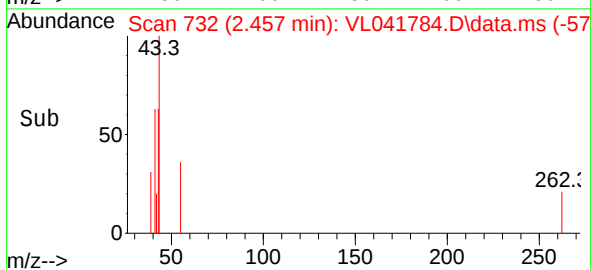
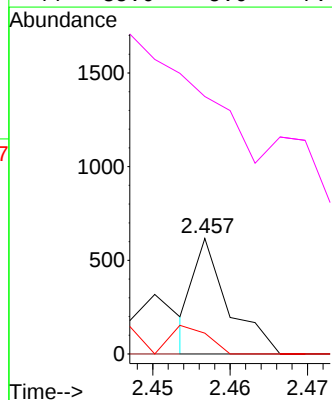
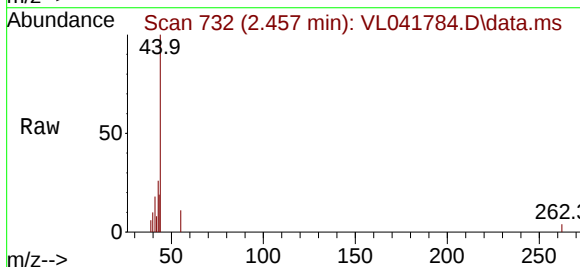
Ion Ratio Lower Upper

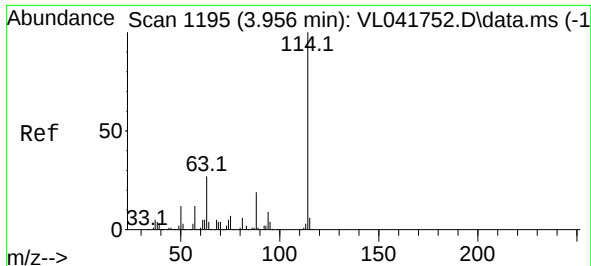
43 100

86 0.0 6.6 10.0#

42 74.9 8.2 12.2#

44 35.0 5.0 7.4#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.959 min Scan# 1196

Delta R.T. 0.003 min

Lab File: VL041784.D

Acq: 17 Dec 2024 17:50

Instrument :

MSVOA_L

ClientSampleId :

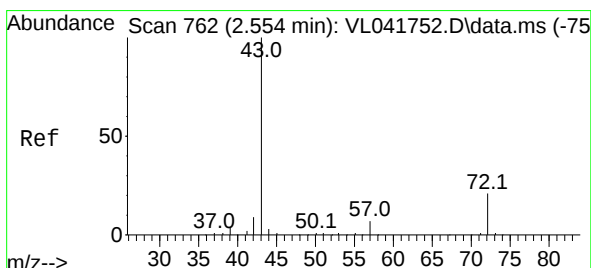
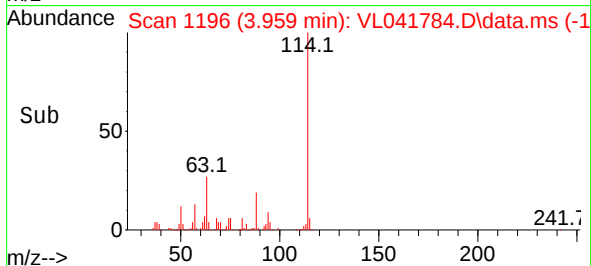
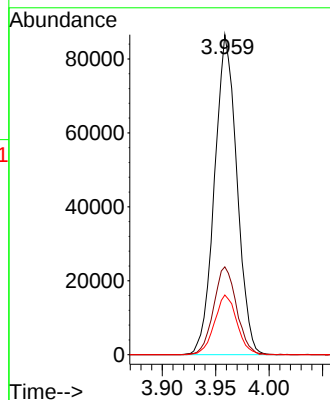
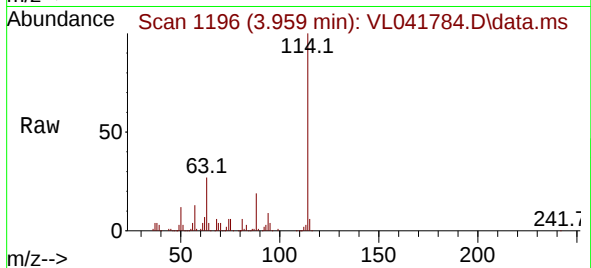
Tgt Ion:114 Resp: 125947

Ion Ratio Lower Upper

114 100

63 28.3 21.8 32.8

88 18.7 14.8 22.2



#34

2-Butanone

Concen: 0.034 ppbv

RT: 2.564 min Scan# 765

Delta R.T. 0.009 min

Lab File: VL041784.D

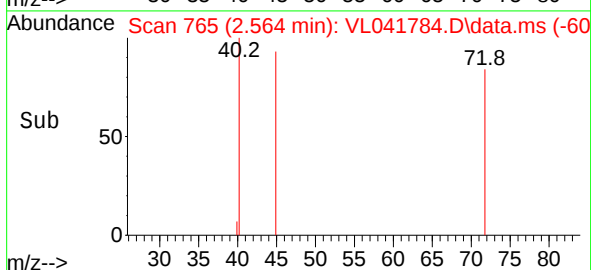
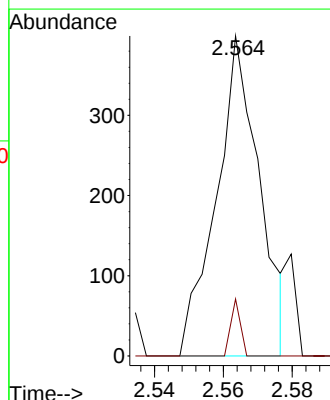
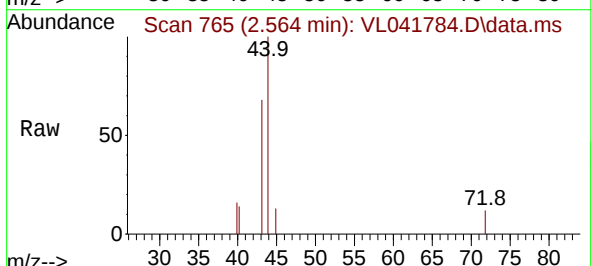
Acq: 17 Dec 2024 17:50

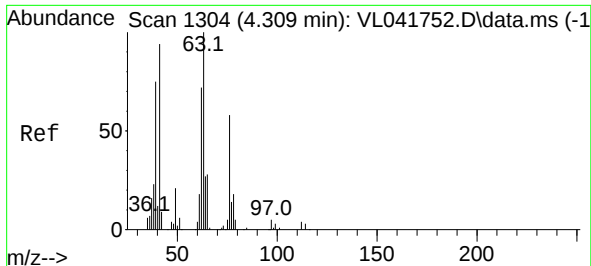
Tgt Ion: 43 Resp: 346

Ion Ratio Lower Upper

43 100

72 0.0 16.8 25.2#





#39

1,2-Dichloropropane

Concen: 7.554 ppbv

RT: 3.959 min Scan# 1196

Delta R.T. -0.350 min

Lab File: VL041784.D

Acq: 17 Dec 2024 17:50

Instrument :

MSVOA_L

ClientSampleId :

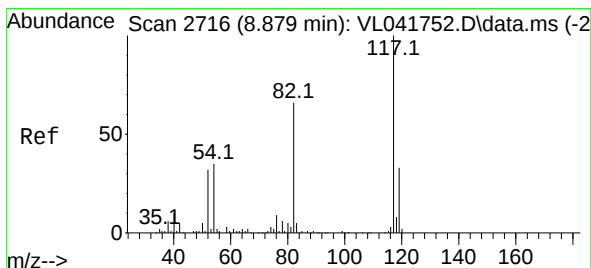
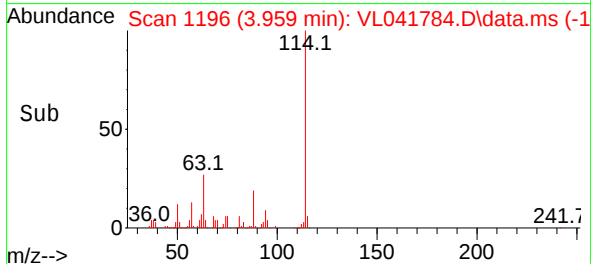
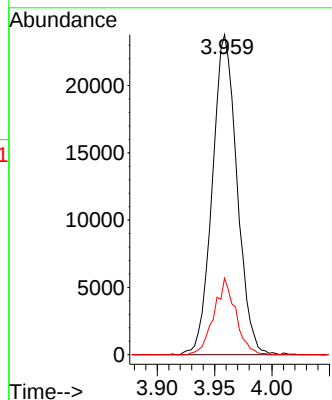
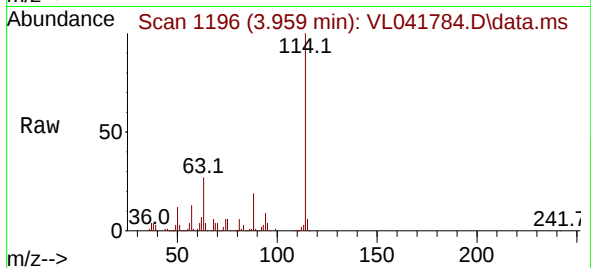
Tgt Ion: 63 Resp: 35595

Ion Ratio Lower Upper

63 100

41 0.0 75.3 112.9#

62 23.9 57.3 85.9#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.885 min Scan# 2718

Delta R.T. 0.006 min

Lab File: VL041784.D

Acq: 17 Dec 2024 17:50

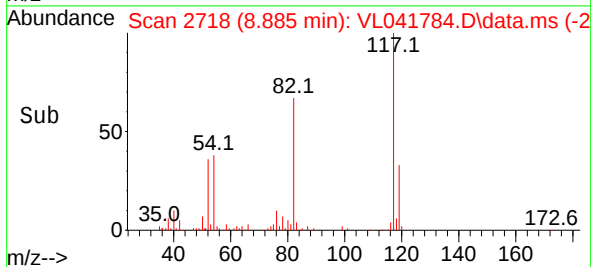
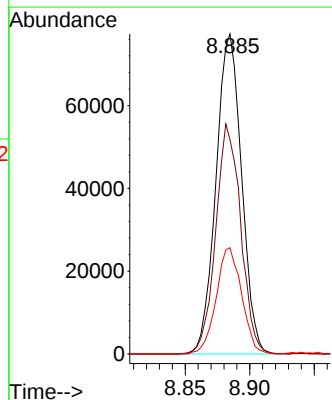
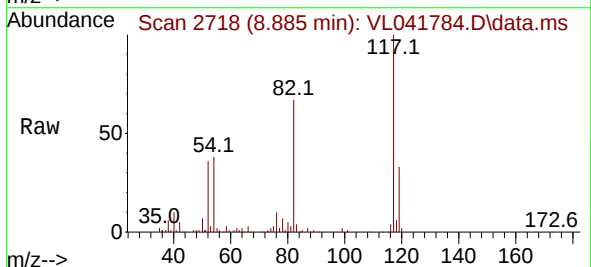
Tgt Ion: 117 Resp: 106522

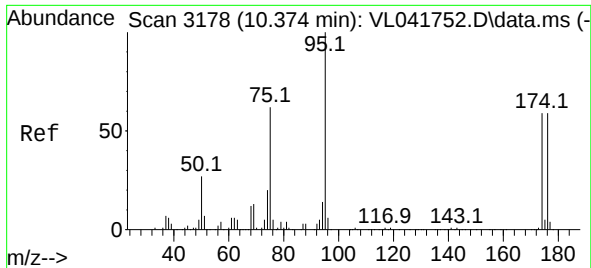
Ion Ratio Lower Upper

117 100

82 70.2 53.8 80.8

119 33.0 26.7 40.1





#68

1-Bromo-4-Fluorobenzene

Concen: 10.051 ppbv

RT: 10.380 min Scan# 31

Delta R.T. 0.006 min

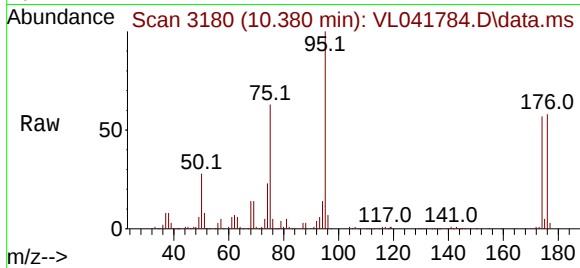
Lab File: VL041784.D

Acq: 17 Dec 2024 17:50

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 95 Resp: 89218

Ion Ratio Lower Upper

95 100

174 57.2 47.6 71.4

175 4.4 3.7 5.5

