

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121724\
 Data File : VL041773.D
 Acq On : 17 Dec 2024 11:07
 Operator : SY/MD
 Sample : VL1217ABL02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Dec 21 01:23:02 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)

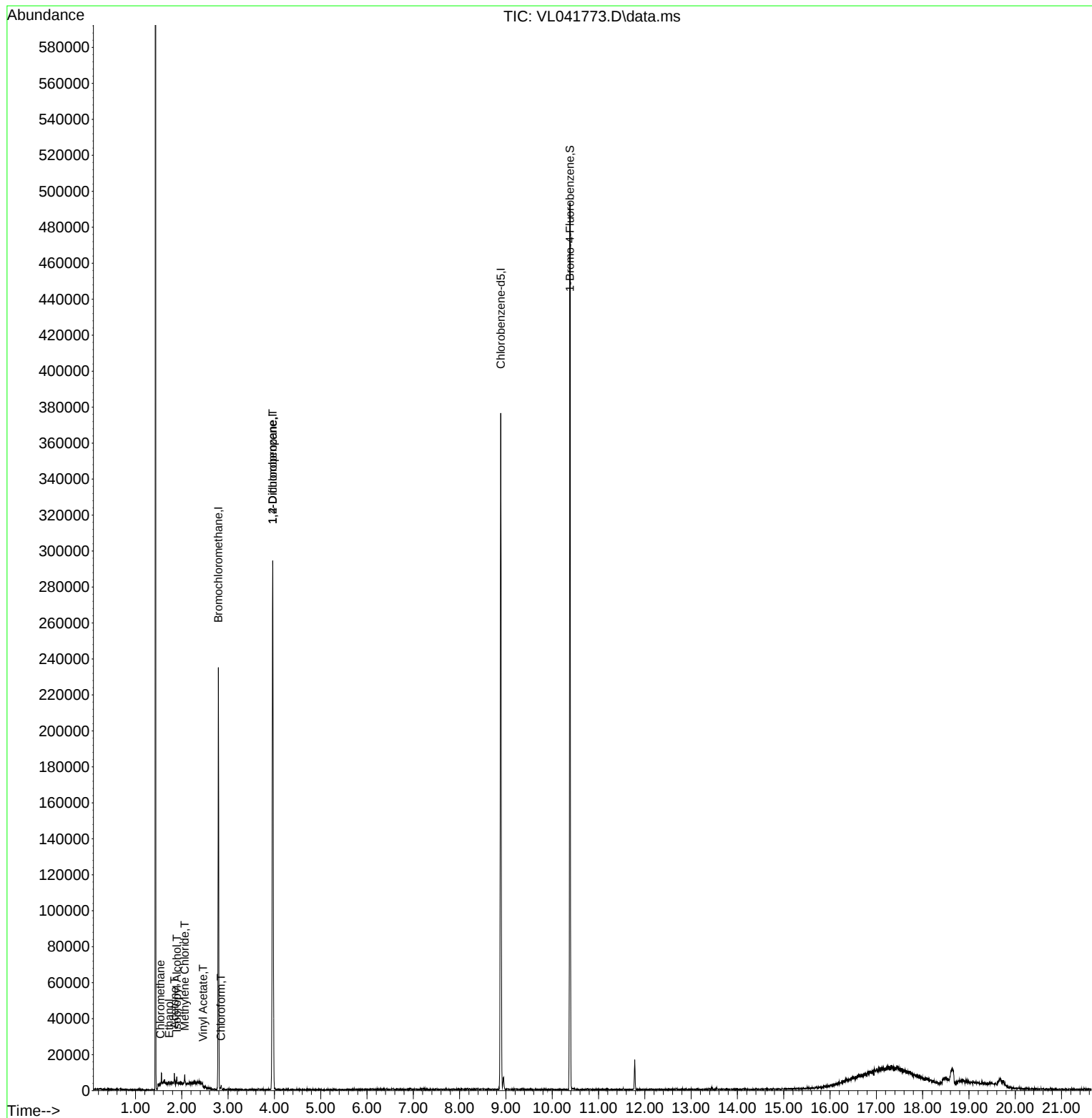
Internal Standards						
1) Bromochloromethane	2.790	49	60836	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	158497	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	136312	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.383	95	113575	9.998	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.000%
Target Compounds						
					Qvalue	
4) Chloromethane	1.534	50	174	0.041	ppbv #	27
13) Ethanol	1.725	45	413	1.160	ppbv #	34
15) Acetone	1.838	43	2543	0.215	ppbv	97
19) Isopropyl Alcohol	1.890	45	1717	0.242	ppbv	93
20) Methylene Chloride	2.062	84	614	0.182	ppbv #	79
23) Vinyl Acetate	2.457	43	240	0.044	ppbv #	26
29) Chloroform	2.848	83	695	0.055	ppbv #	78
39) 1,2-Dichloropropane	3.965	63	44121	7.441	ppbv #	18

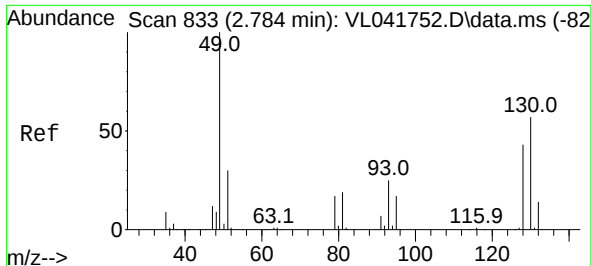
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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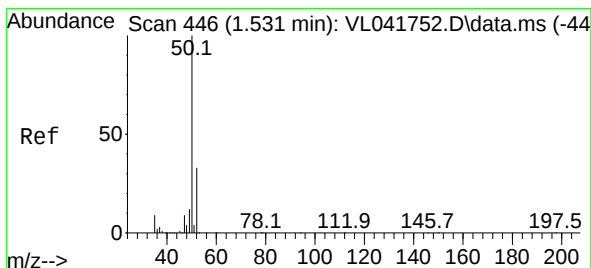
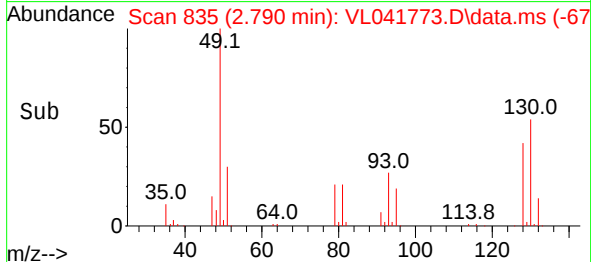
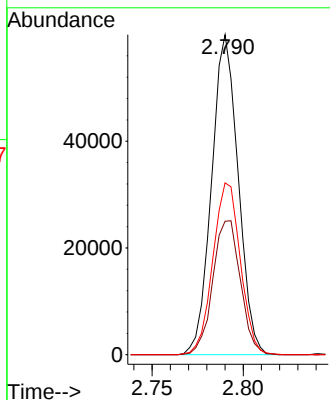
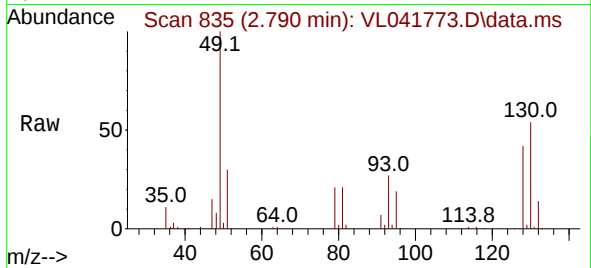




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 84
Delta R.T. 0.006 min
Lab File: VL041773.D
Acq: 17 Dec 2024 11:07

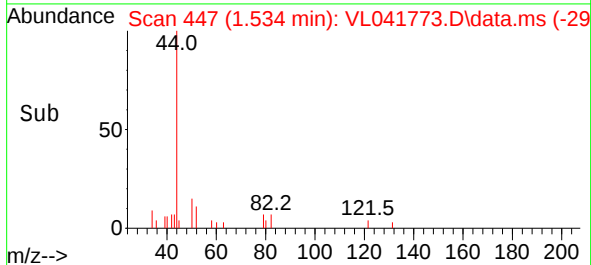
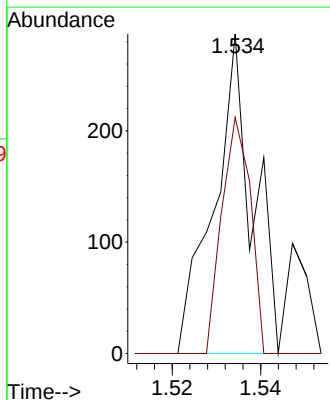
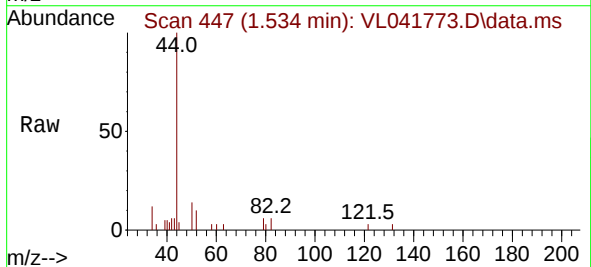
Instrument :
MSVOA_L
ClientSampleId :

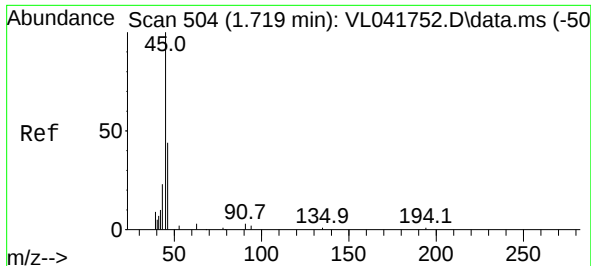
Tgt Ion: 49 Resp: 60836
Ion Ratio Lower Upper
49 100
128 43.5 21.6 64.6
130 55.5 28.3 85.0



#4
Chloromethane
Concen: 0.041 ppbv
RT: 1.534 min Scan# 447
Delta R.T. 0.003 min
Lab File: VL041773.D
Acq: 17 Dec 2024 11:07

Tgt Ion: 50 Resp: 174
Ion Ratio Lower Upper
50 100
52 73.9 26.2 39.2#





#13

Ethanol

Concen: 1.160 ppbv

RT: 1.725 min Scan# 504

Delta R.T. 0.006 min

Lab File: VL041773.D

Acq: 17 Dec 2024 11:07

Instrument :

MSVOA_L

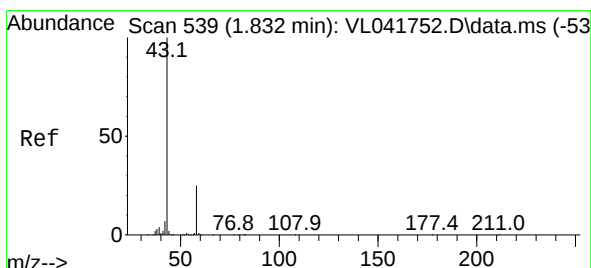
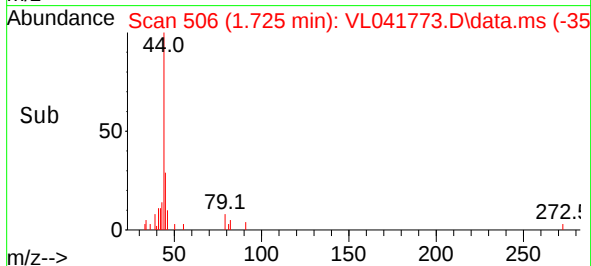
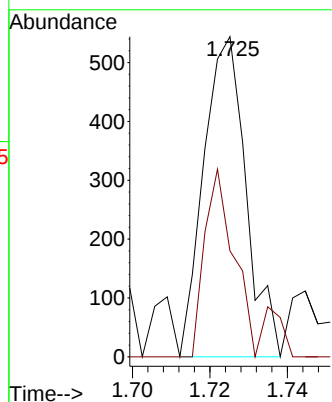
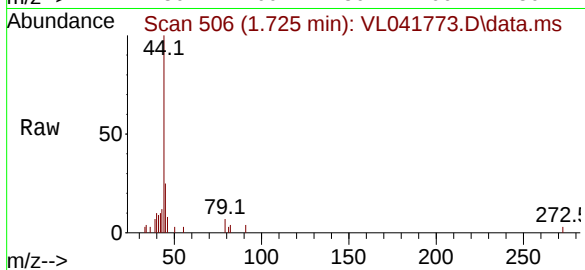
ClientSampleId :

Tgt Ion: 45 Resp: 413

Ion Ratio Lower Upper

45 100

46 0.0 16.4 65.8#



#15

Acetone

Concen: 0.215 ppbv

RT: 1.838 min Scan# 541

Delta R.T. 0.006 min

Lab File: VL041773.D

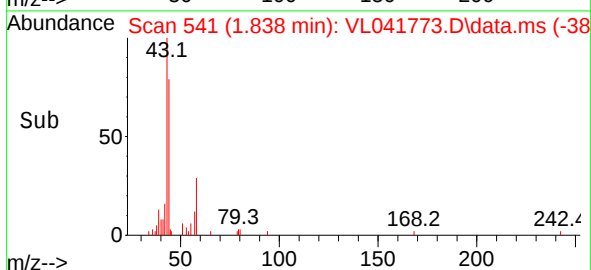
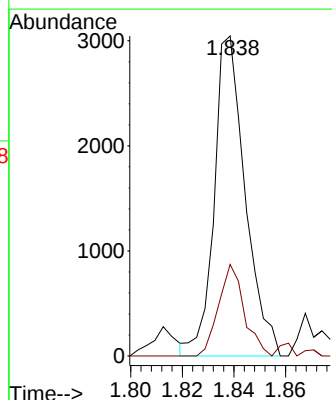
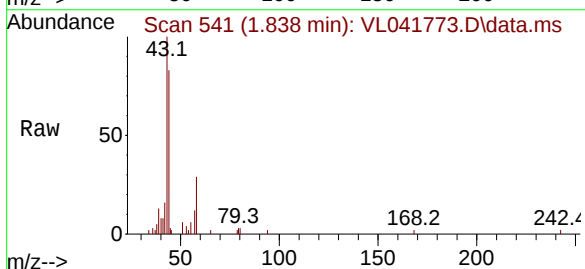
Acq: 17 Dec 2024 11:07

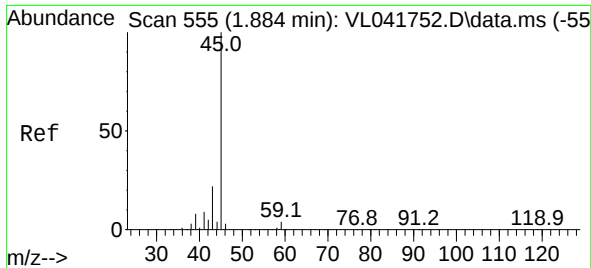
Tgt Ion: 43 Resp: 2543

Ion Ratio Lower Upper

43 100

58 26.2 19.7 29.5





#19

Isopropyl Alcohol

Concen: 0.242 ppbv

RT: 1.890 min Scan# 51

Delta R.T. 0.006 min

Lab File: VL041773.D

Acq: 17 Dec 2024 11:07

Instrument :

MSVOA_L

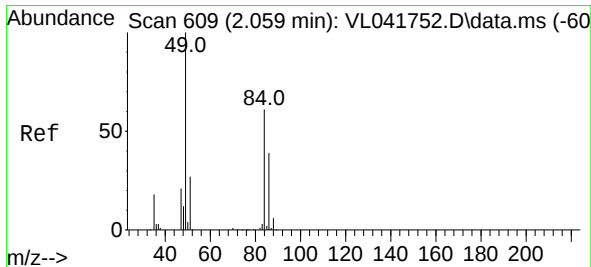
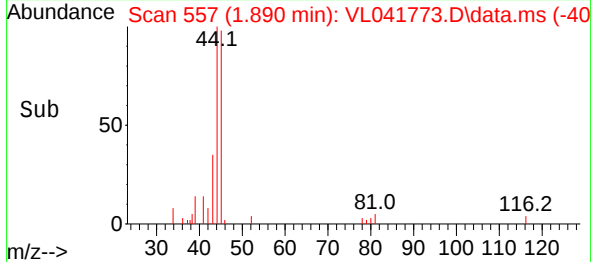
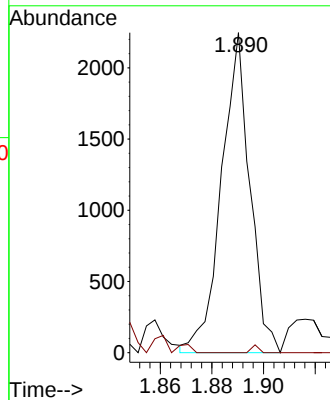
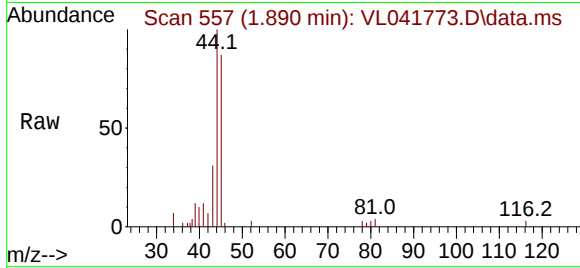
ClientSampleId :

Tgt Ion: 45 Resp: 1717

Ion Ratio Lower Upper

45 100

58 37.5 33.3 49.9



#20

Methylene Chloride

Concen: 0.182 ppbv

RT: 2.062 min Scan# 610

Delta R.T. 0.003 min

Lab File: VL041773.D

Acq: 17 Dec 2024 11:07

Tgt Ion: 84 Resp: 614

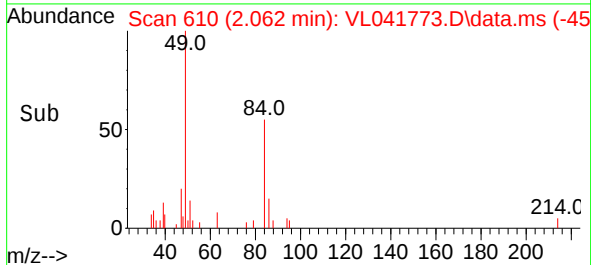
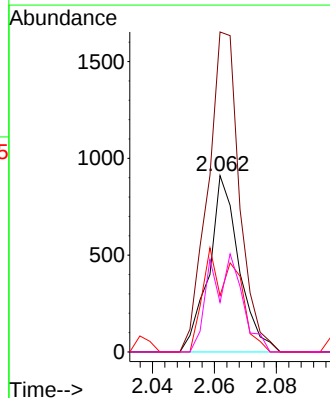
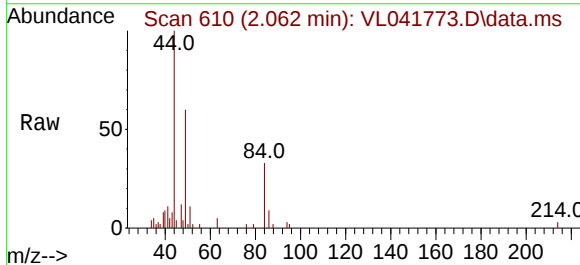
Ion Ratio Lower Upper

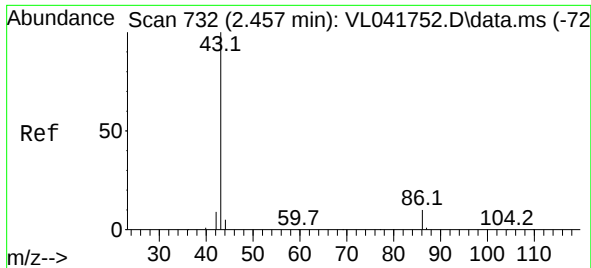
84 100

49 181.4 132.6 198.8

51 31.9 37.6 56.4#

86 28.1 51.4 77.0#

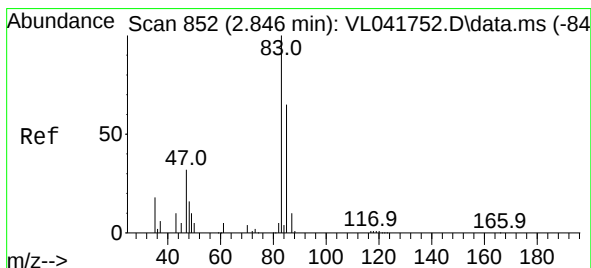
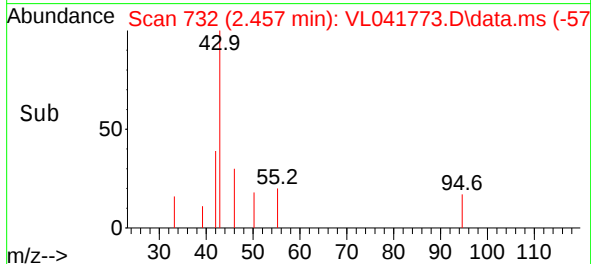
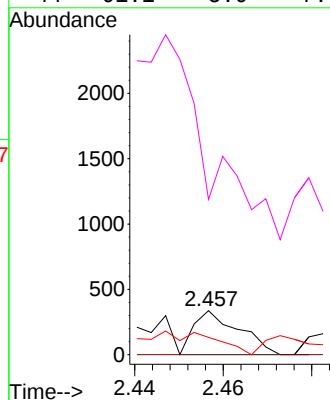
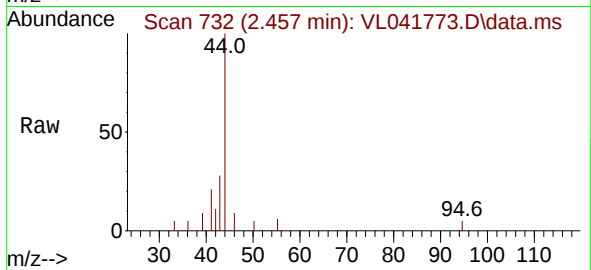




#23
Vinyl Acetate
Concen: 0.044 ppbv
RT: 2.457 min Scan# 74
Delta R.T. -0.000 min
Lab File: VL041773.D
Acq: 17 Dec 2024 11:07

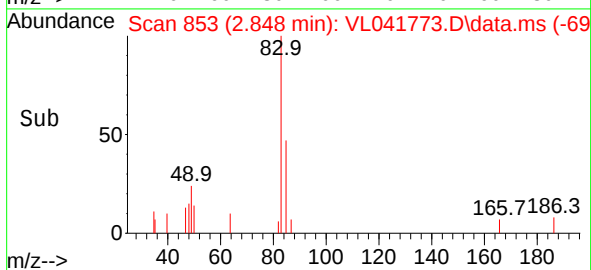
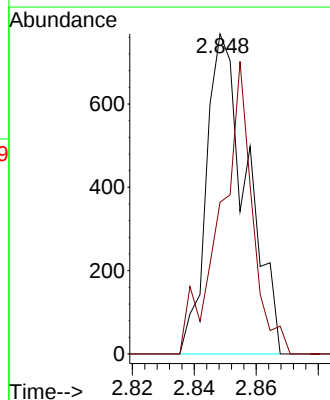
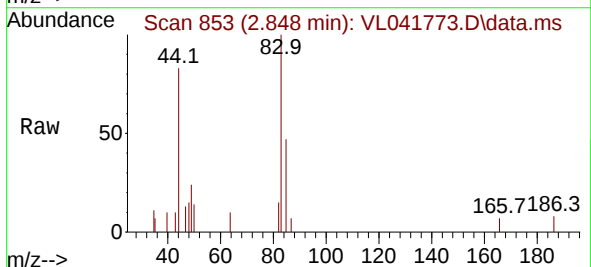
Instrument :
MSVOA_L
ClientSampleId :

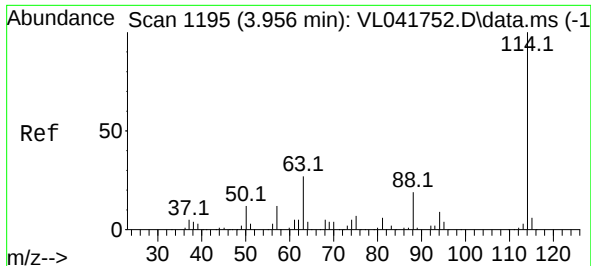
Tgt Ion:	43	Resp:	240
Ion	Ratio	Lower	Upper
43	100		
86	0.0	6.6	10.0#
42	7.4	8.2	12.2#
44	91.1	5.0	7.4#



#29
Chloroform
Concen: 0.055 ppbv
RT: 2.848 min Scan# 853
Delta R.T. 0.003 min
Lab File: VL041773.D
Acq: 17 Dec 2024 11:07

Tgt Ion:	83	Resp:	695
Ion	Ratio	Lower	Upper
83	100		
85	47.4	51.8	77.6#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.965 min Scan# 1198

Delta R.T. 0.009 min

Lab File: VL041773.D

Acq: 17 Dec 2024 11:07

Instrument :

MSVOA_L

ClientSampleId :

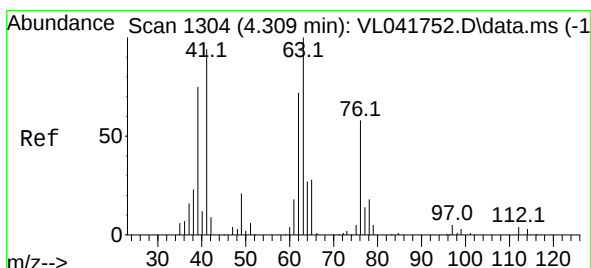
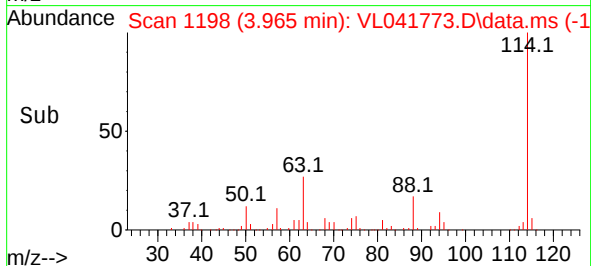
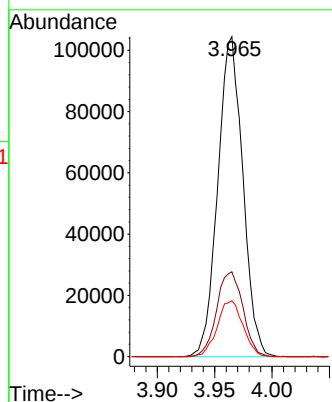
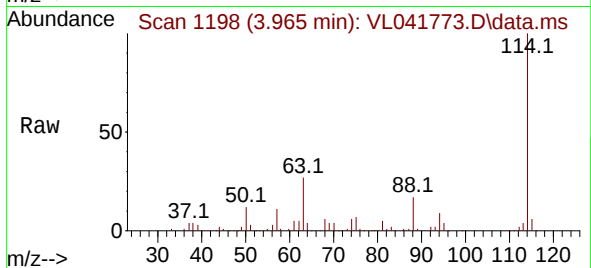
Tgt Ion:114 Resp: 158497

Ion Ratio Lower Upper

114 100

63 27.8 21.8 32.8

88 18.0 14.8 22.2



#39

1,2-Dichloropropane

Concen: 7.441 ppbv

RT: 3.965 min Scan# 1198

Delta R.T. -0.344 min

Lab File: VL041773.D

Acq: 17 Dec 2024 11:07

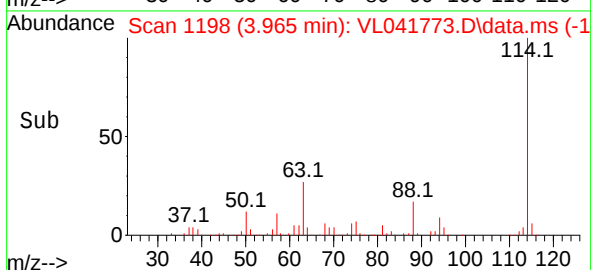
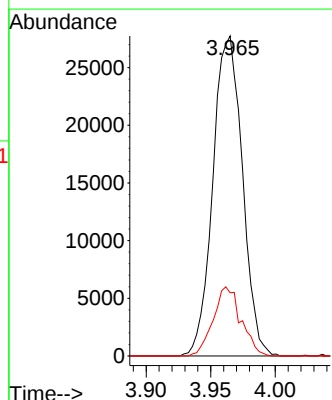
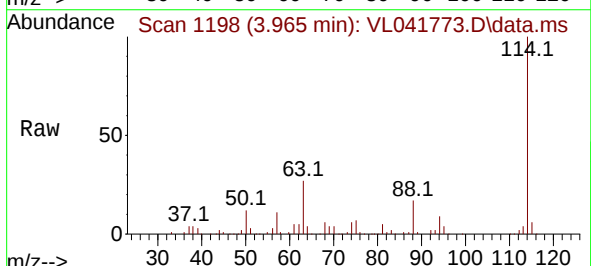
Tgt Ion: 63 Resp: 44121

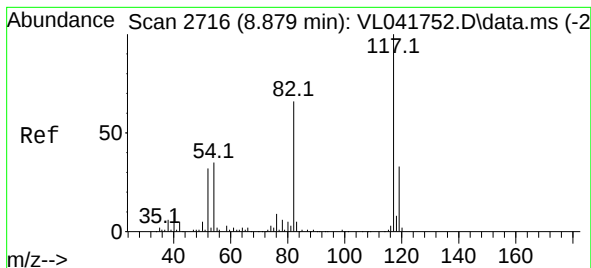
Ion Ratio Lower Upper

63 100

41 0.0 75.3 112.9#

62 19.7 57.3 85.9#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.888 min Scan# 21

Delta R.T. 0.009 min

Lab File: VL041773.D

Acq: 17 Dec 2024 11:07

Instrument :

MSVOA_L

ClientSampleId :

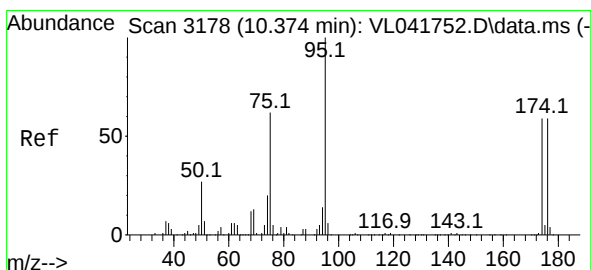
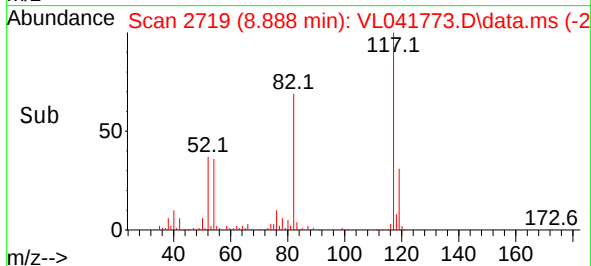
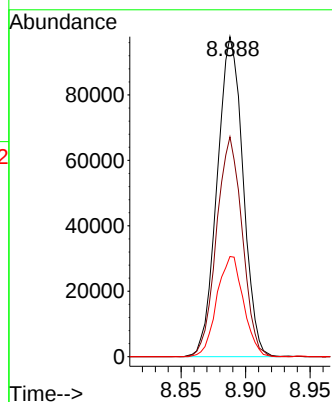
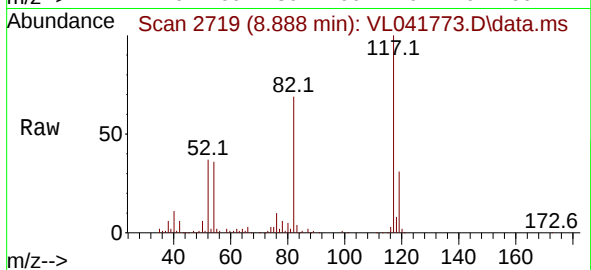
Tgt Ion:117 Resp: 136312

Ion Ratio Lower Upper

117 100

82 68.4 53.8 80.8

119 32.2 26.7 40.1



#68

1-Bromo-4-Fluorobenzene

Concen: 9.998 ppbv

RT: 10.383 min Scan# 3181

Delta R.T. 0.009 min

Lab File: VL041773.D

Acq: 17 Dec 2024 11:07

Tgt Ion: 95 Resp: 113575

Ion Ratio Lower Upper

95 100

174 57.9 47.6 71.4

175 4.5 3.7 5.5

