

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121724\
 Data File : VL041774.D
 Acq On : 17 Dec 2024 11:38
 Operator : SY/MD
 Sample : VL1217ABL03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Dec 21 01:23:25 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)

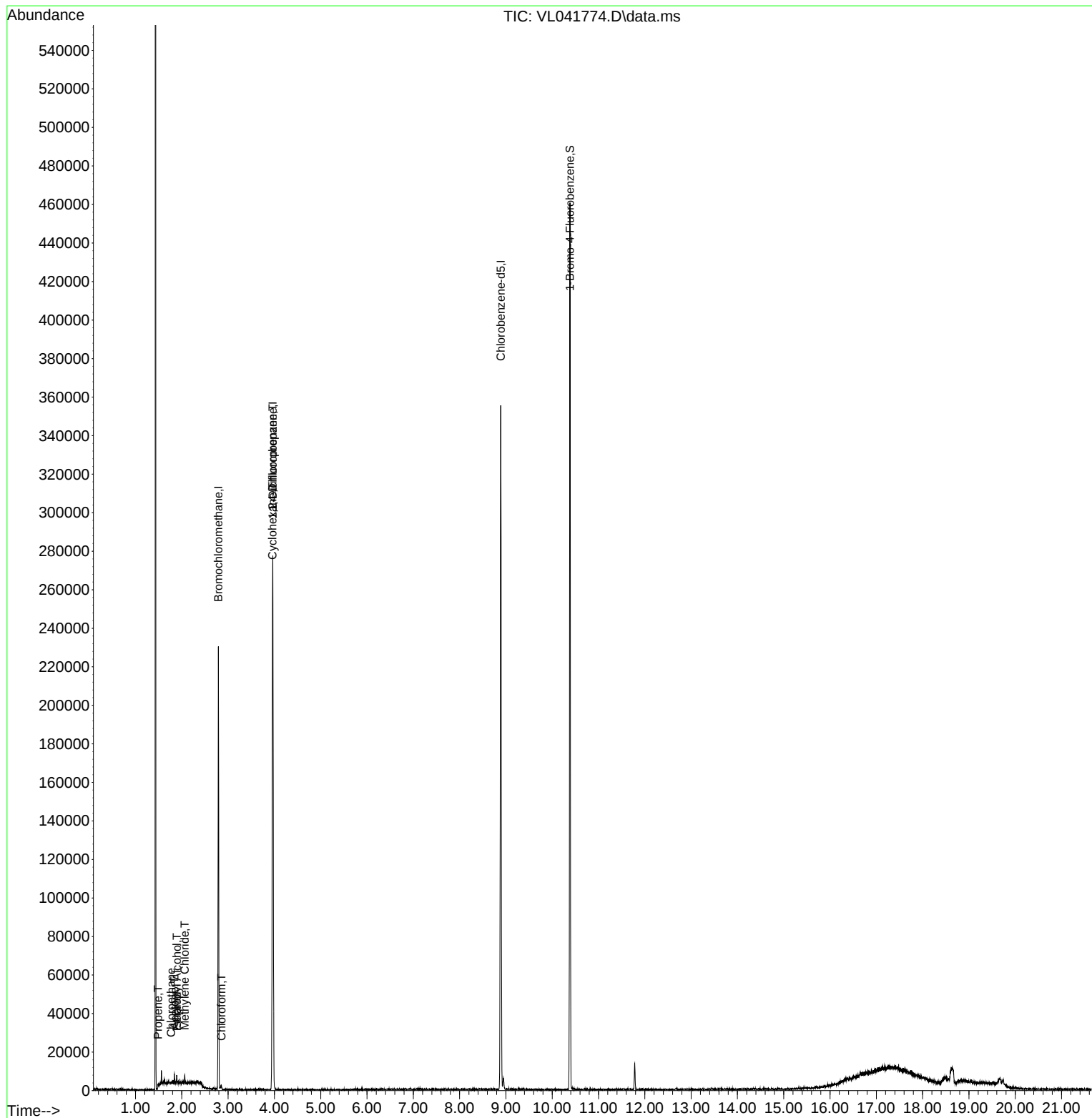
Internal Standards						
1) Bromochloromethane	2.790	49	58655	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	151953	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	129932	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.383	95	107886	9.964	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.600%
Target Compounds						
					Qvalue	
7) Chloroethane	1.767	64	64	0.040	ppbv #	40
9) Propene	1.486	41	444	0.107	ppbv	89
13) Ethanol	1.890	45	1525	4.442	ppbv #	34
15) Acetone	1.839	43	2424	0.212	ppbv	96
19) Isopropyl Alcohol	1.890	45	1525	0.223	ppbv	98
20) Methylene Chloride	2.065	84	551	0.169	ppbv #	81
29) Chloroform	2.855	83	875	0.071	ppbv #	79
30) Cyclohexane	3.959	84	464	0.068	ppbv #	1
39) 1,2-Dichloropropane	3.962	63	42244	7.431	ppbv #	18

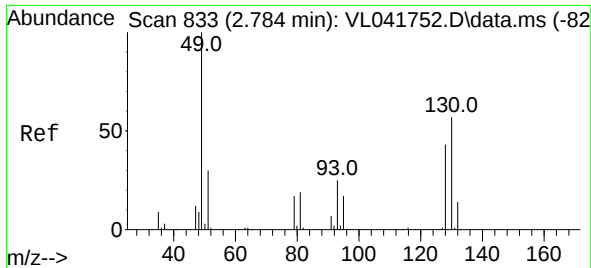
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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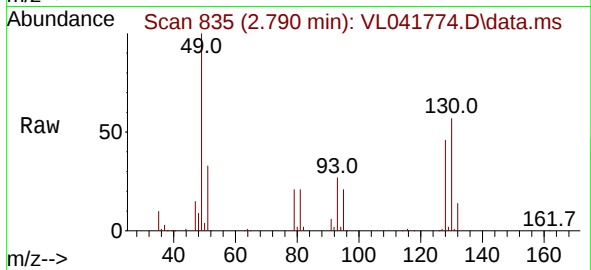
Quant Time: Dec 21 01:23:25 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Thu Dec 19 07:32:09 2024
Response via : Initial Calibration



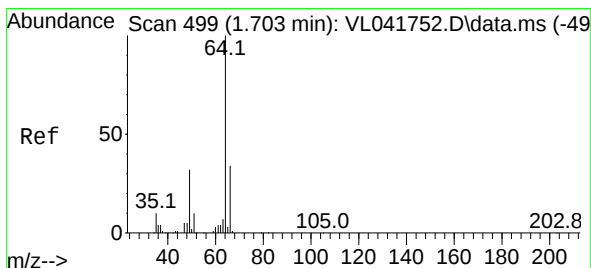
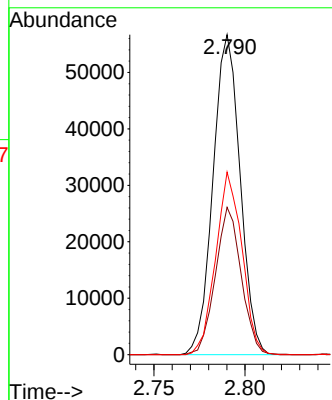
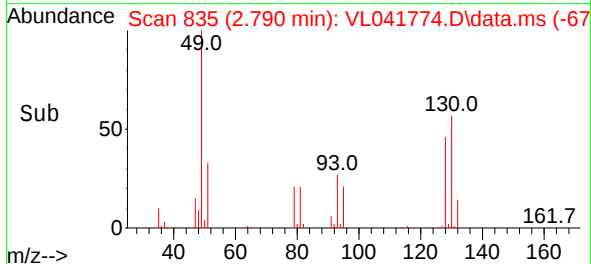


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 833
Delta R.T. 0.006 min
Lab File: VL041774.D
Acq: 17 Dec 2024 11:38

Instrument :
MSVOA_L
ClientSampleId :

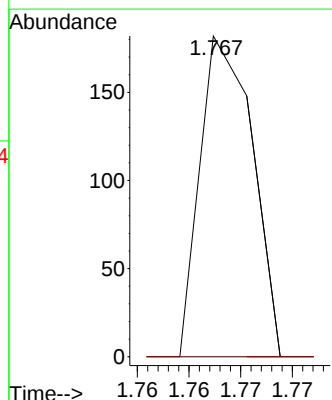
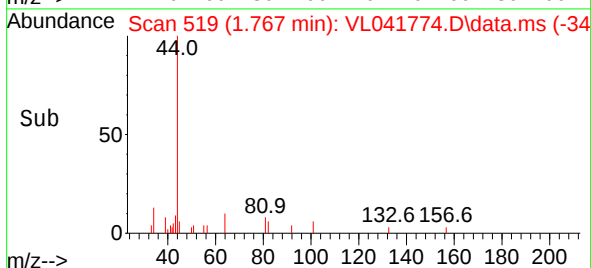
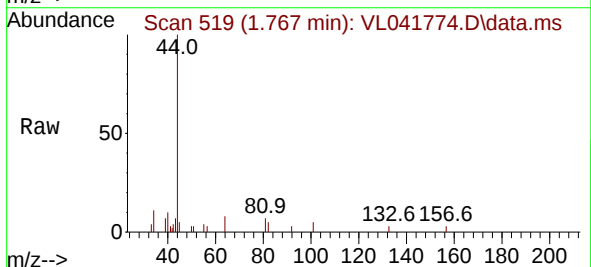


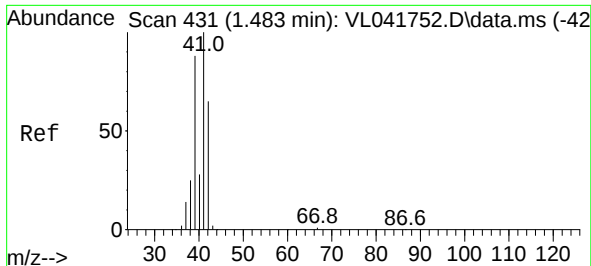
Tgt Ion: 49 Resp: 58655
Ion Ratio Lower Upper
49 100
128 43.9 21.6 64.6
130 55.2 28.3 85.0



#7
Chloroethane
Concen: 0.040 ppbv
RT: 1.767 min Scan# 519
Delta R.T. 0.064 min
Lab File: VL041774.D
Acq: 17 Dec 2024 11:38

Tgt Ion: 64 Resp: 64
Ion Ratio Lower Upper
64 100
66 0.0 27.5 41.3#





#9

Propene

Concen: 0.107 ppbv

RT: 1.486 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL041774.D

Acq: 17 Dec 2024 11:38

Instrument :

MSVOA_L

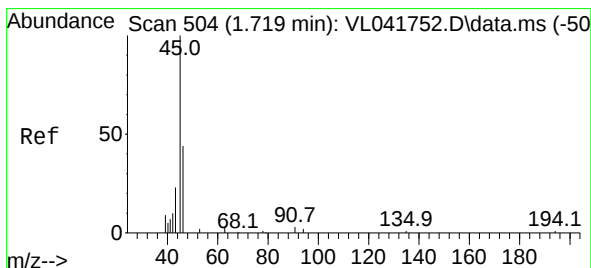
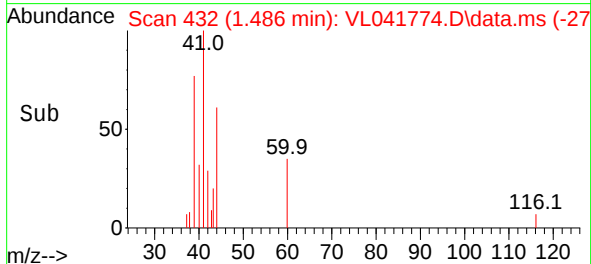
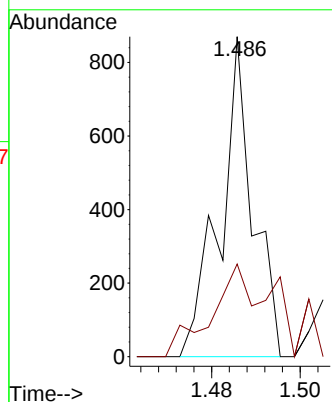
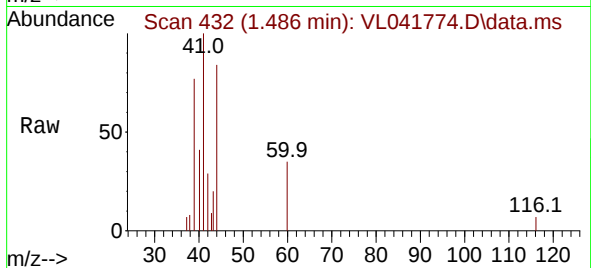
ClientSampleId :

Tgt Ion: 41 Resp: 444

Ion Ratio Lower Upper

41 100

42 56.5 52.4 78.6



#13

Ethanol

Concen: 4.442 ppbv

RT: 1.890 min Scan# 557

Delta R.T. 0.171 min

Lab File: VL041774.D

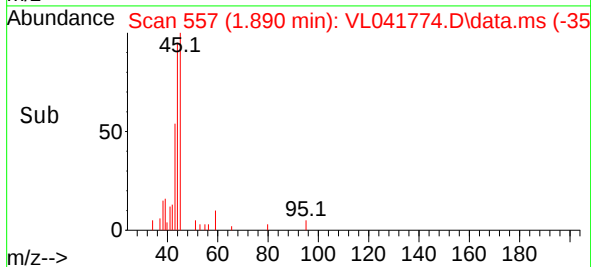
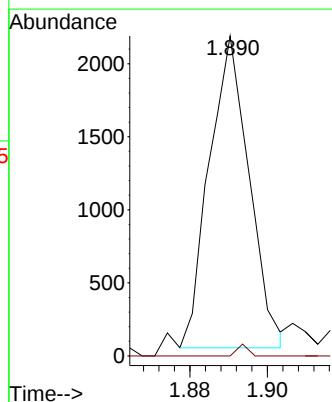
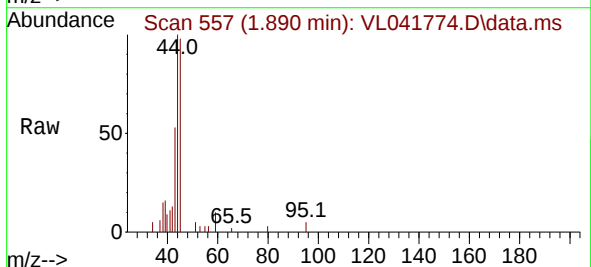
Acq: 17 Dec 2024 11:38

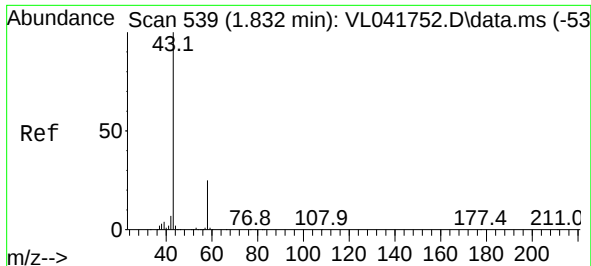
Tgt Ion: 45 Resp: 1525

Ion Ratio Lower Upper

45 100

46 0.0 16.4 65.8#

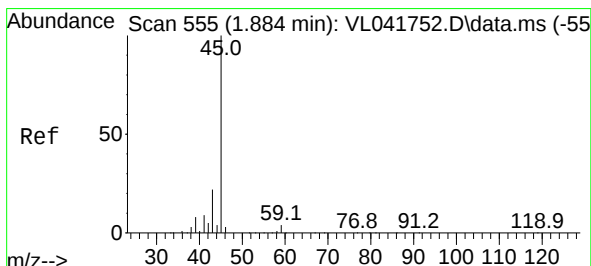
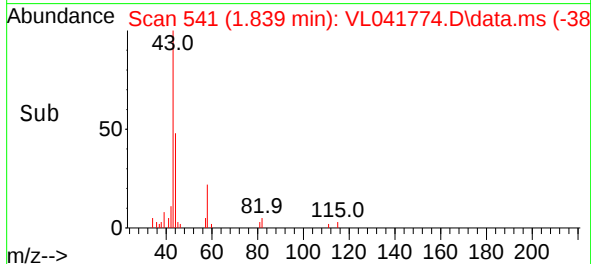
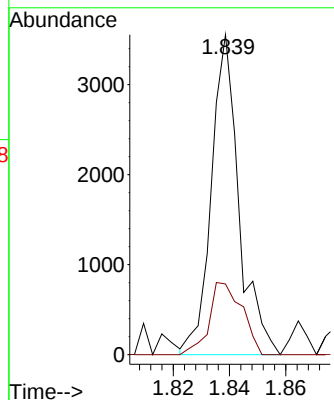
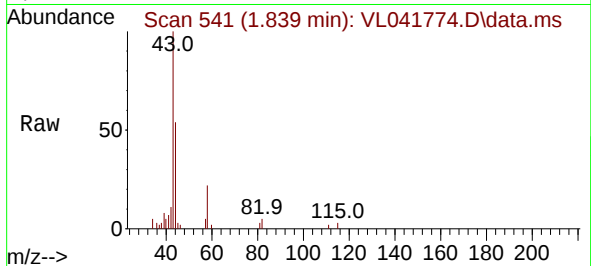




#15
Acetone
Concen: 0.212 ppbv
RT: 1.839 min Scan# 541
Delta R.T. 0.006 min
Lab File: VL041774.D
Acq: 17 Dec 2024 11:38

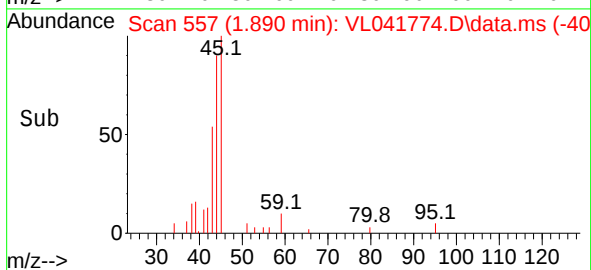
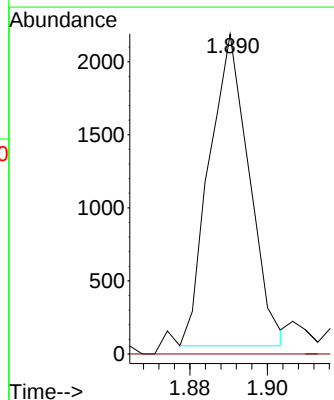
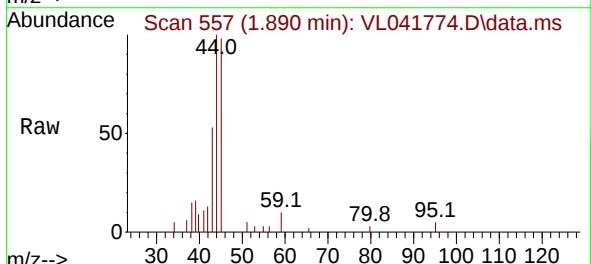
Instrument :
MSVOA_L
ClientSampleId :

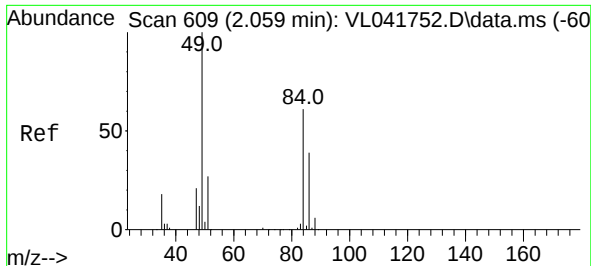
Tgt Ion: 43 Resp: 2424
Ion Ratio Lower Upper
43 100
58 26.8 19.7 29.5



#19
Isopropyl Alcohol
Concen: 0.223 ppbv
RT: 1.890 min Scan# 557
Delta R.T. 0.006 min
Lab File: VL041774.D
Acq: 17 Dec 2024 11:38

Tgt Ion: 45 Resp: 1525
Ion Ratio Lower Upper
45 100
58 42.6 33.3 49.9





#20

Methylene Chloride

Concen: 0.169 ppbv

RT: 2.065 min Scan# 611

Delta R.T. 0.006 min

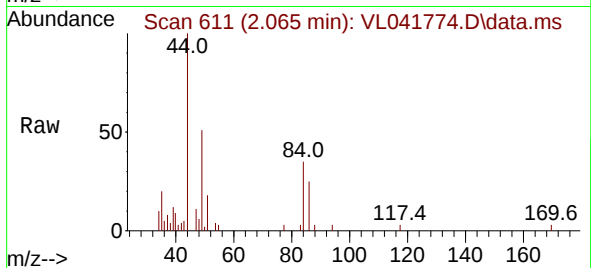
Lab File: VL041774.D

Acq: 17 Dec 2024 11:38

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 84 Resp: 551

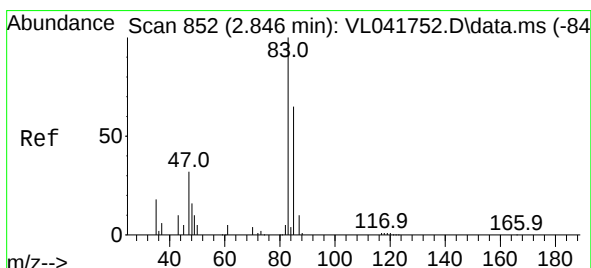
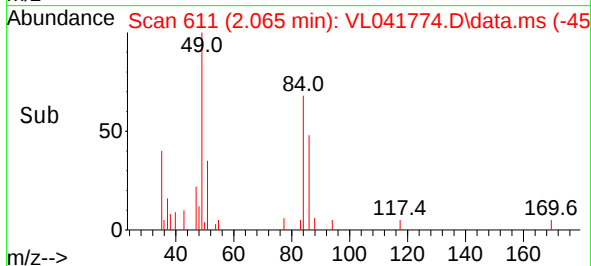
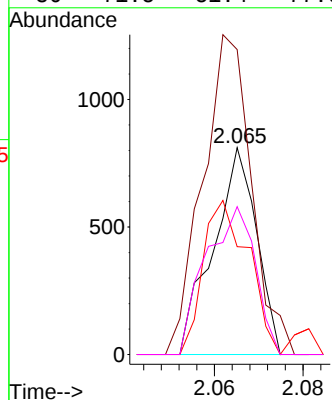
Ion Ratio Lower Upper

84 100

49 130.1 132.6 198.8#

51 52.2 37.6 56.4

86 71.5 51.4 77.0



#29

Chloroform

Concen: 0.071 ppbv

RT: 2.855 min Scan# 855

Delta R.T. 0.009 min

Lab File: VL041774.D

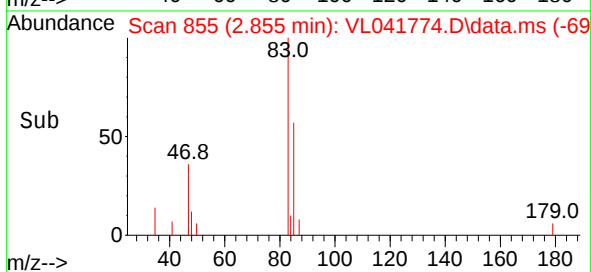
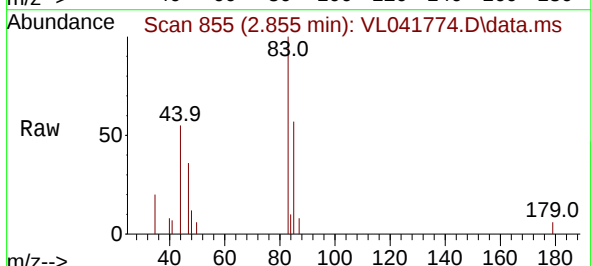
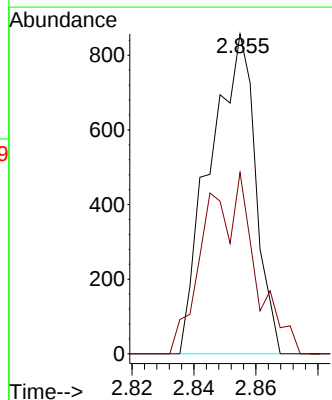
Acq: 17 Dec 2024 11:38

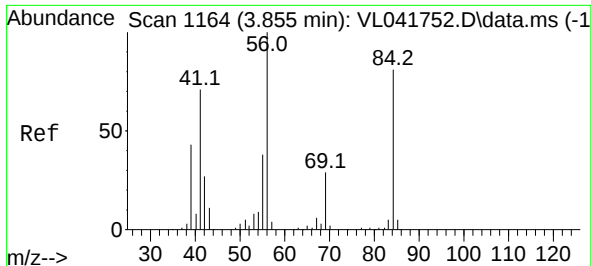
Tgt Ion: 83 Resp: 875

Ion Ratio Lower Upper

83 100

85 48.5 51.8 77.6#





#30

Cyclohexane

Concen: 0.068 ppbv

RT: 3.959 min Scan# 1196

Delta R.T. 0.103 min

Lab File: VL041774.D

Acq: 17 Dec 2024 11:38

Instrument :

MSVOA_L

ClientSampleId :

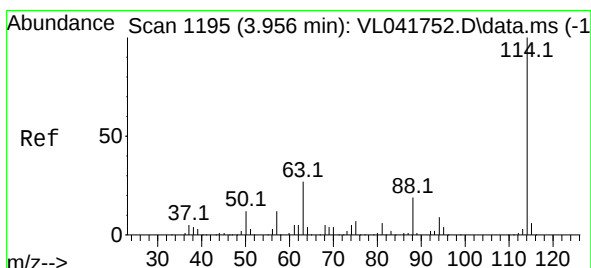
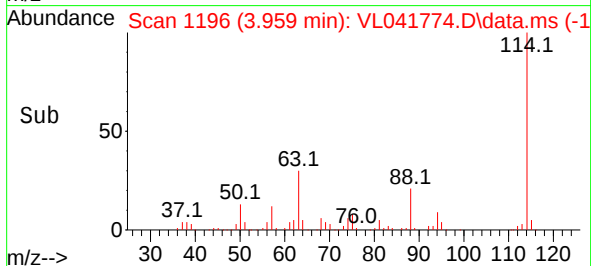
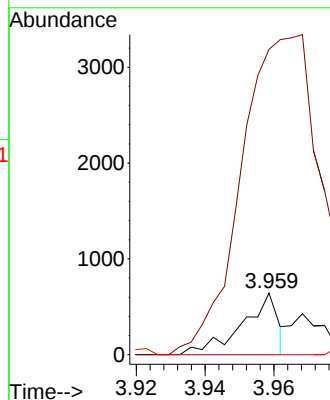
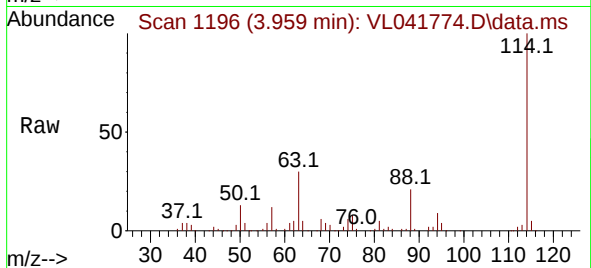
Tgt Ion: 84 Resp: 464

Ion Ratio Lower Upper

84 100

56 0.0 102.3 153.5#

41 9.5 74.0 111.0#



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.965 min Scan# 1198

Delta R.T. 0.009 min

Lab File: VL041774.D

Acq: 17 Dec 2024 11:38

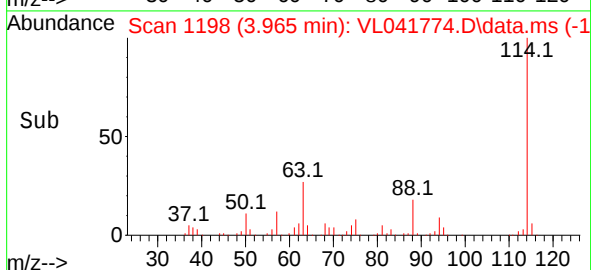
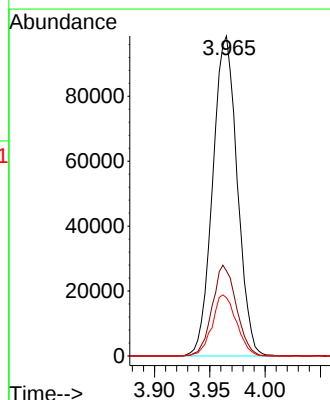
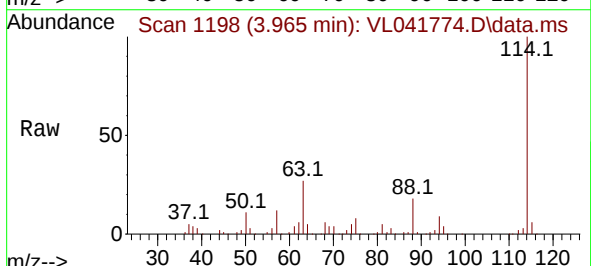
Tgt Ion:114 Resp: 151953

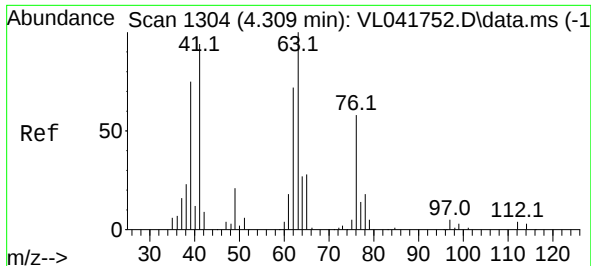
Ion Ratio Lower Upper

114 100

63 27.8 21.8 32.8

88 18.9 14.8 22.2





#39

1,2-Dichloropropane

Concen: 7.431 ppbv

RT: 3.962 min Scan# 1197

Delta R.T. -0.347 min

Lab File: VL041774.D

Acq: 17 Dec 2024 11:38

Instrument :

MSVOA_1

ClientSampleId :

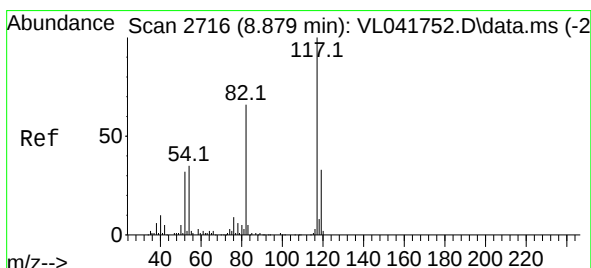
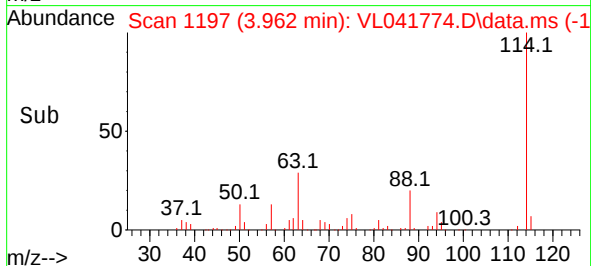
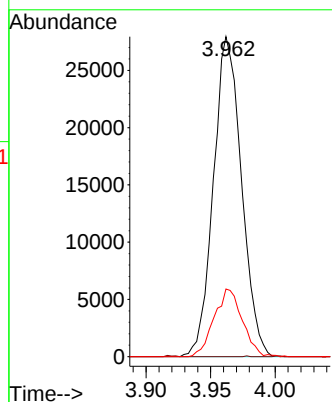
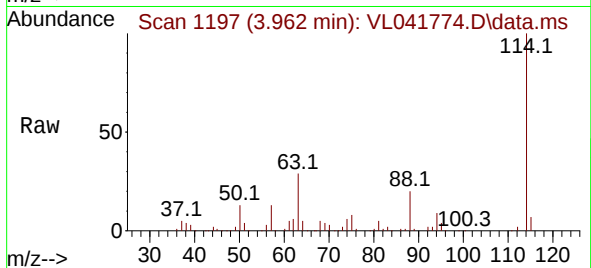
Tgt Ion: 63 Resp: 42244

Ion Ratio Lower Upper

63 100

41 0.0 75.3 112.9#

62 21.2 57.3 85.9#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.888 min Scan# 2719

Delta R.T. 0.009 min

Lab File: VL041774.D

Acq: 17 Dec 2024 11:38

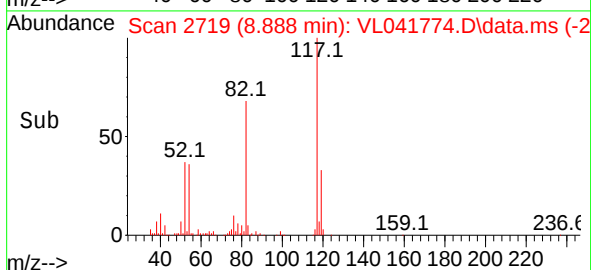
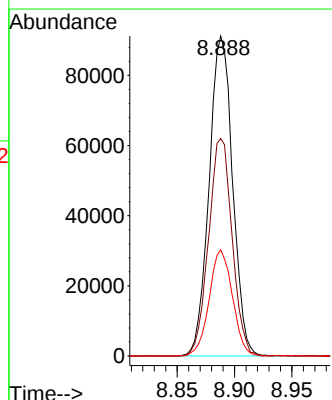
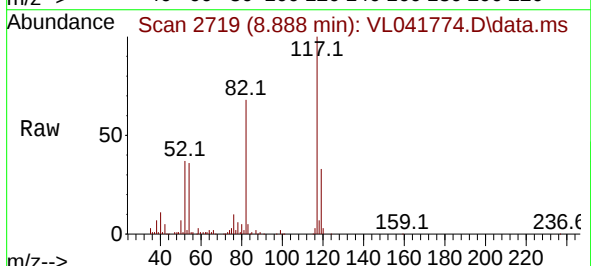
Tgt Ion: 117 Resp: 129932

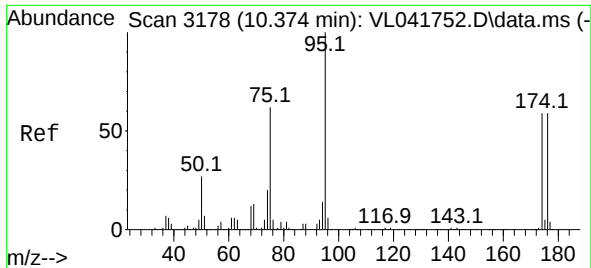
Ion Ratio Lower Upper

117 100

82 68.1 53.8 80.8

119 33.0 26.7 40.1





#68

1-Bromo-4-Fluorobenzene

Concen: 9.964 ppbv

RT: 10.383 min Scan# 31

Delta R.T. 0.009 min

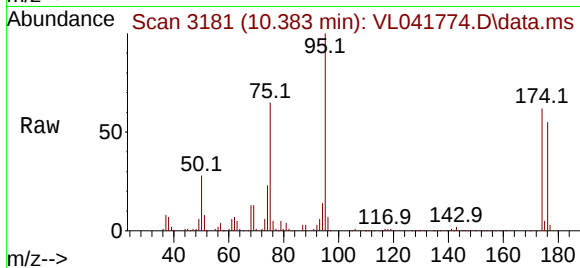
Lab File: VL041774.D

Acq: 17 Dec 2024 11:38

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 95 Resp: 107886

Ion Ratio Lower Upper

95 100

174 58.7 47.6 71.4

175 4.8 3.7 5.5

