

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121824\
 Data File : VL041790.D
 Acq On : 18 Dec 2024 12:28
 Operator : SY/MD
 Sample : VL1218ABL02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

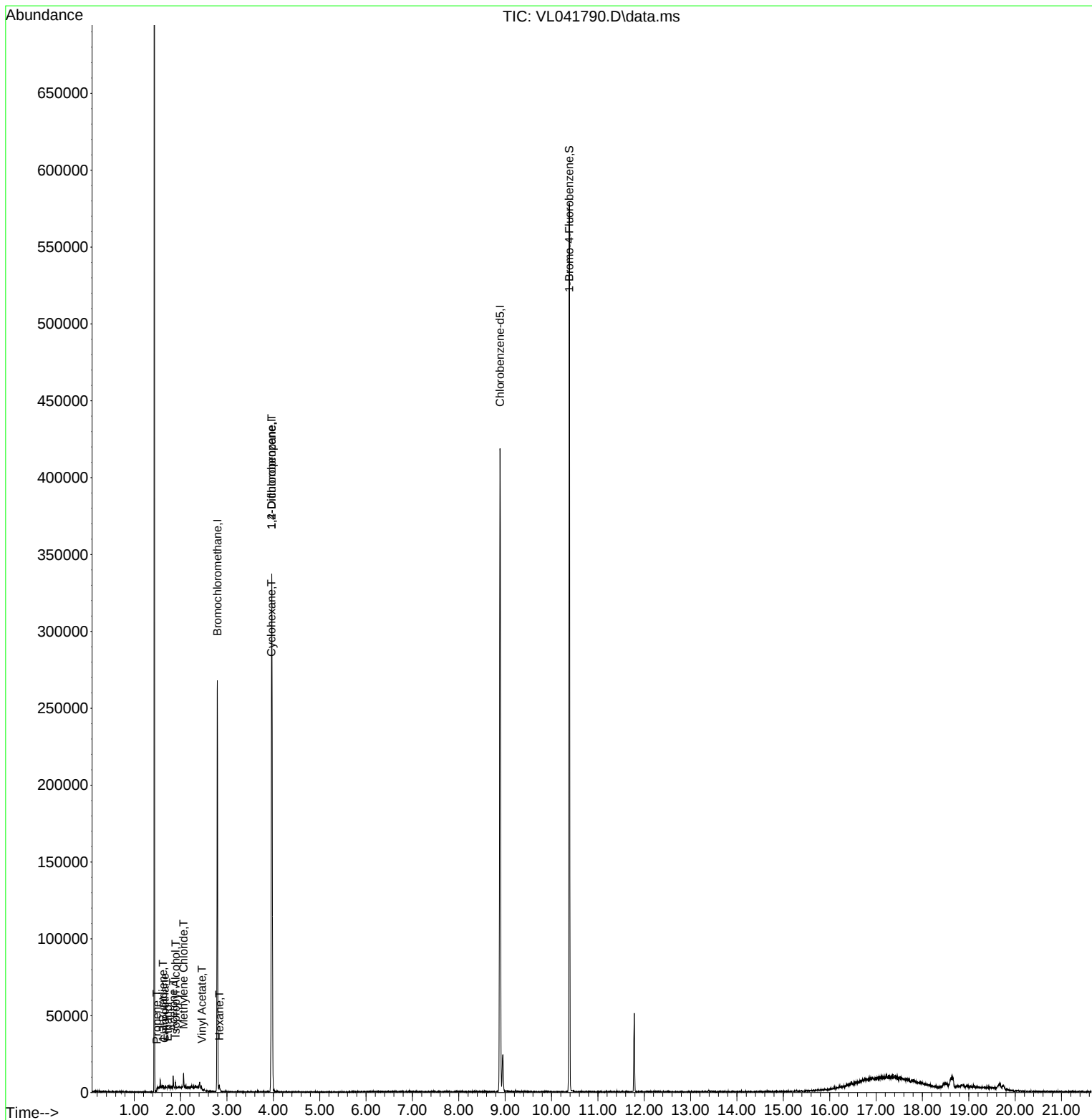
Quant Time: Dec 19 07:52:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Dec 19 07:32:09 2024
 Response via : Initial Calibration

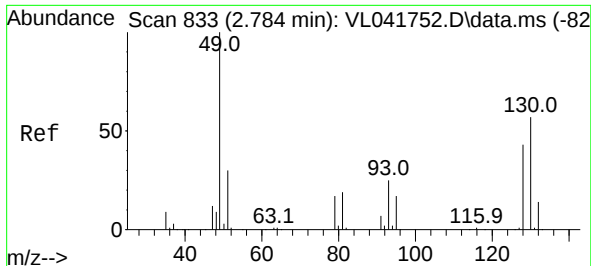
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	2.793	49	70249	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	175356	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.891	117	151060	10.000	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.383	95	127683	10.143	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.400%
Target Compounds						
					Qvalue	
7) Chloroethane	1.657	64	71	0.037	ppbv #	40
9) Propene	1.486	41	362	0.073	ppbv	87
13) Ethanol	1.725	45	548	1.333	ppbv #	34
15) Acetone	1.839	43	2853	0.209	ppbv	90
16) 1,3-Butadiene	1.618	39	240	0.045	ppbv #	13
19) Isopropyl Alcohol	1.890	45	1335	0.163	ppbv #	41
20) Methylene Chloride	2.062	84	1289	0.331	ppbv #	78
23) Vinyl Acetate	2.457	43	257	0.040	ppbv #	1
26) Hexane	2.832	57	489	0.051	ppbv #	24
30) Cyclohexane	3.959	84	956	0.116	ppbv #	1
39) 1,2-Dichloropropane	3.965	63	48506	7.394	ppbv #	19

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

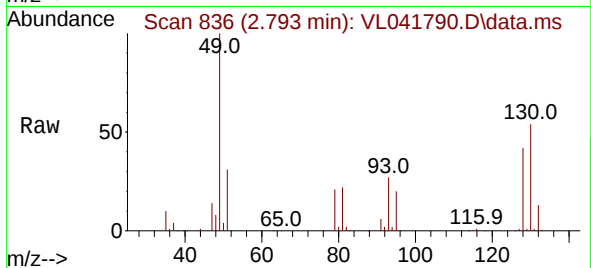
Quant Time: Dec 19 07:52:46 2024
Quant Method : Z:\voasrv\HPCHEM1\MSV0A_L\methods\VL121624AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSV0A_LFri Aug 26 06:05:16 2022
QLast Update : Thu Dec 19 07:32:09 2024
Response via : Initial Calibration



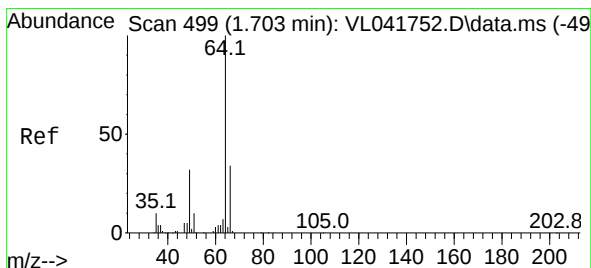
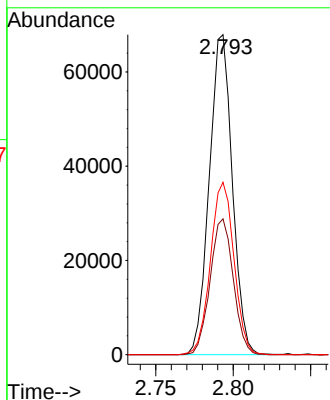
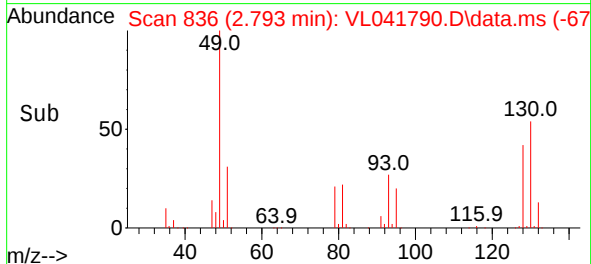


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.793 min Scan# 841
Delta R.T. 0.009 min
Lab File: VL041790.D
Acq: 18 Dec 2024 12:28

Instrument :
MSVOA_L
ClientSampleId :

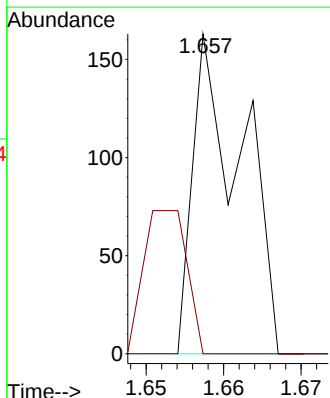
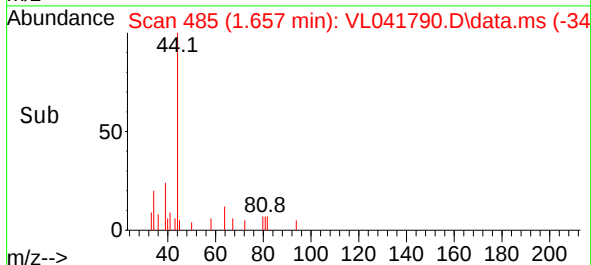
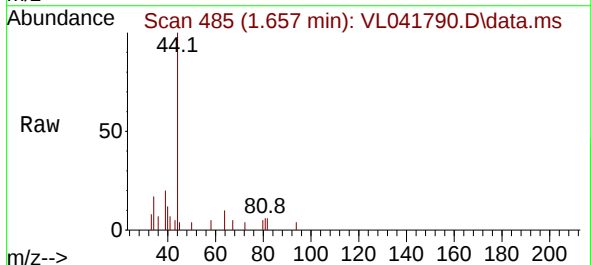


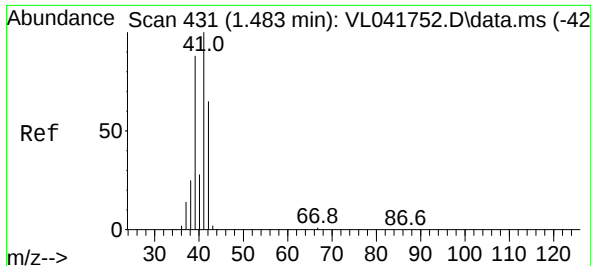
Tgt Ion: 49 Resp: 70249
Ion Ratio Lower Upper
49 100
128 42.7 21.6 64.6
130 55.0 28.3 85.0



#7
Chloroethane
Concen: 0.037 ppbv
RT: 1.657 min Scan# 485
Delta R.T. -0.046 min
Lab File: VL041790.D
Acq: 18 Dec 2024 12:28

Tgt Ion: 64 Resp: 71
Ion Ratio Lower Upper
64 100
66 0.0 27.5 41.3#





#9

Propene

Concen: 0.073 ppbv

RT: 1.486 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL041790.D

Acq: 18 Dec 2024 12:28

Instrument :

MSVOA_L

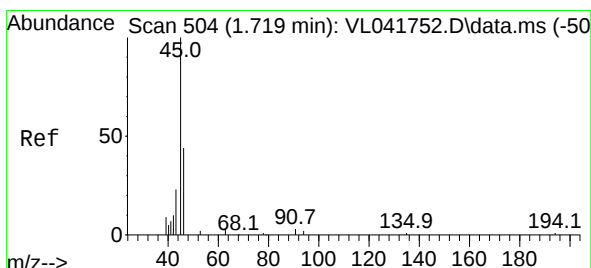
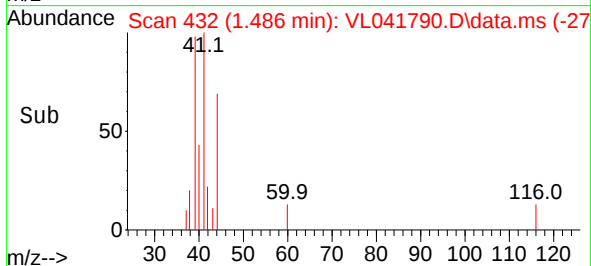
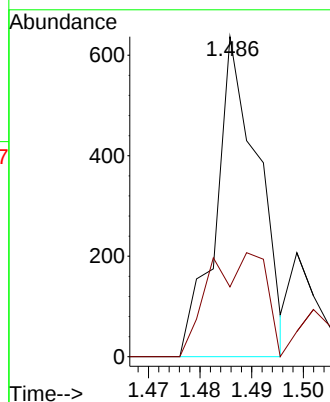
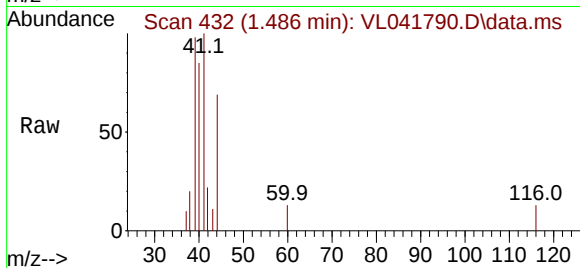
ClientSampleId :

Tgt Ion: 41 Resp: 362

Ion Ratio Lower Upper

41 100

42 76.0 52.4 78.6



#13

Ethanol

Concen: 1.333 ppbv

RT: 1.725 min Scan# 506

Delta R.T. 0.006 min

Lab File: VL041790.D

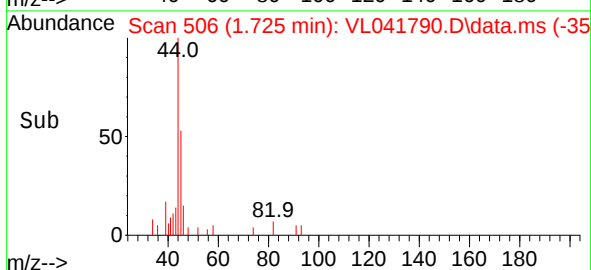
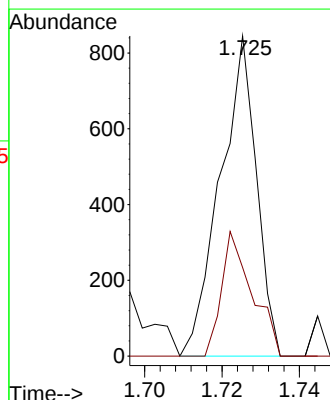
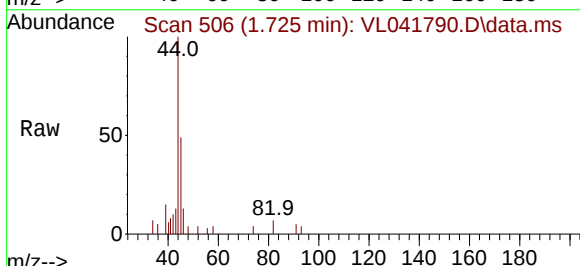
Acq: 18 Dec 2024 12:28

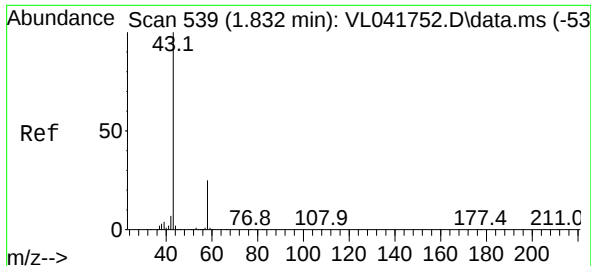
Tgt Ion: 45 Resp: 548

Ion Ratio Lower Upper

45 100

46 0.0 16.4 65.8#





#15

Acetone

Concen: 0.209 ppbv

RT: 1.839 min Scan# 541

Delta R.T. 0.006 min

Lab File: VL041790.D

Acq: 18 Dec 2024 12:28

Instrument :

MSVOA_L

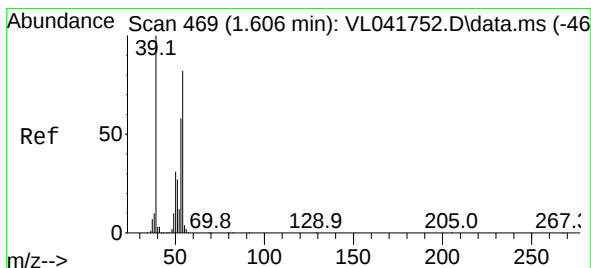
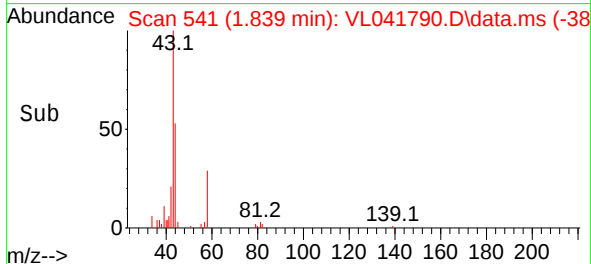
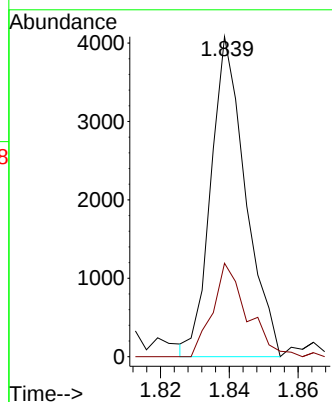
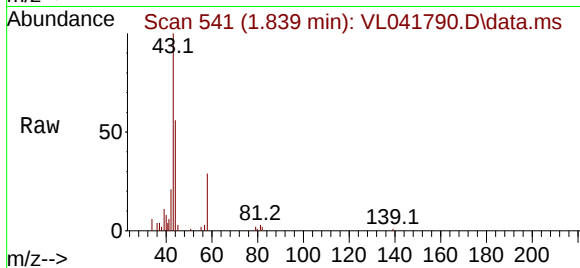
ClientSampleId :

Tgt Ion: 43 Resp: 2853

Ion Ratio Lower Upper

43 100

58 29.4 19.7 29.5



#16

1,3-Butadiene

Concen: 0.045 ppbv

RT: 1.618 min Scan# 473

Delta R.T. 0.013 min

Lab File: VL041790.D

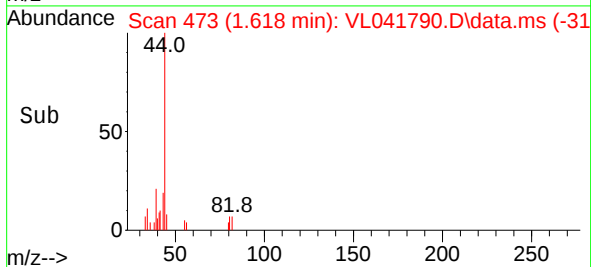
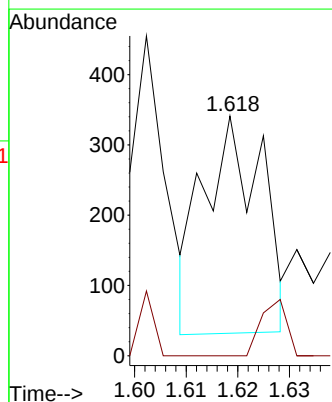
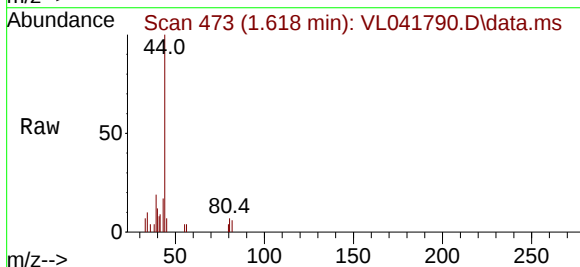
Acq: 18 Dec 2024 12:28

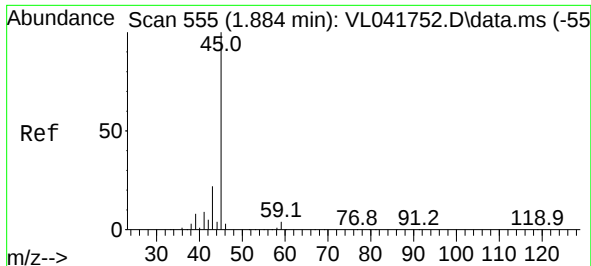
Tgt Ion: 39 Resp: 240

Ion Ratio Lower Upper

39 100

54 0.0 58.4 87.6#





#19

Isopropyl Alcohol

Concen: 0.163 ppbv

RT: 1.890 min Scan# 51

Delta R.T. 0.006 min

Lab File: VL041790.D

Acq: 18 Dec 2024 12:28

Instrument :

MSVOA_L

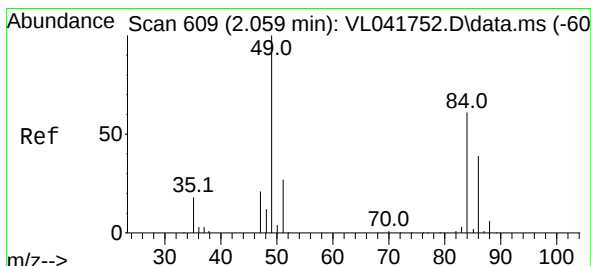
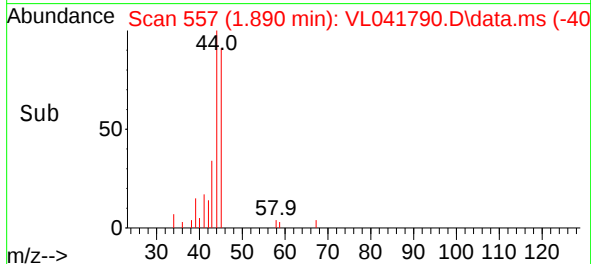
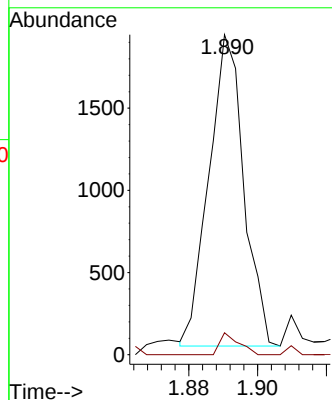
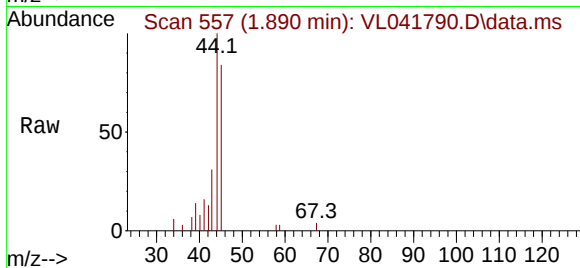
ClientSampleId :

Tgt Ion: 45 Resp: 1335

Ion Ratio Lower Upper

45 100

58 4.6 33.3 49.9#



#20

Methylene Chloride

Concen: 0.331 ppbv

RT: 2.062 min Scan# 610

Delta R.T. 0.003 min

Lab File: VL041790.D

Acq: 18 Dec 2024 12:28

Tgt Ion: 84 Resp: 1289

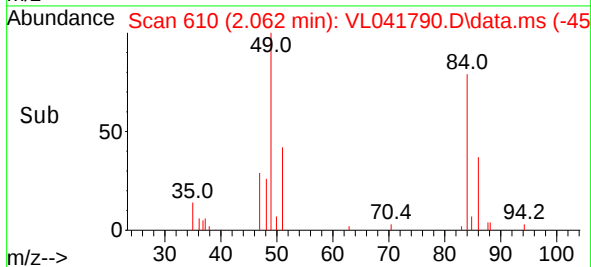
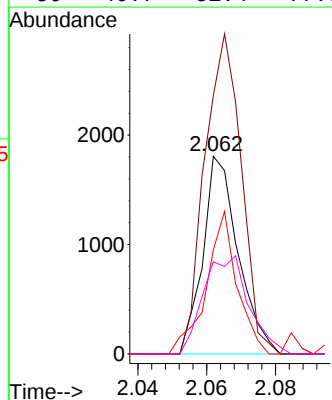
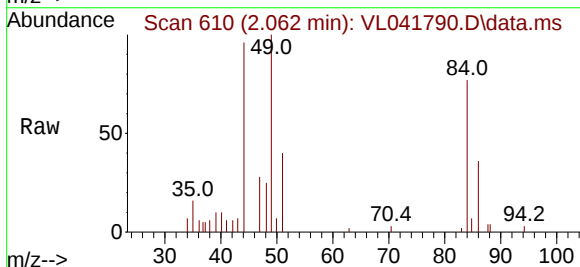
Ion Ratio Lower Upper

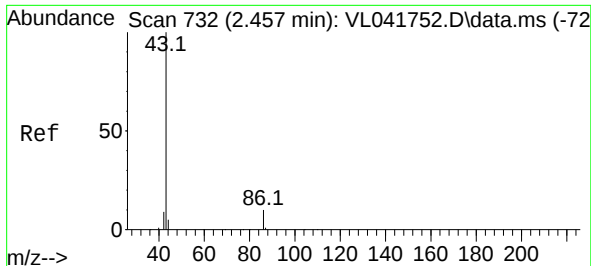
84 100

49 130.5 132.6 198.8#

51 52.6 37.6 56.4

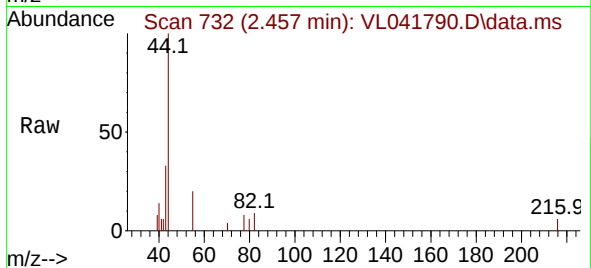
86 46.7 51.4 77.0#



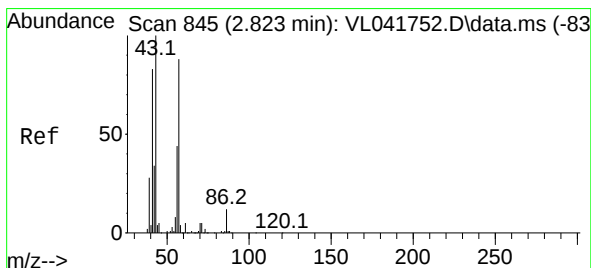
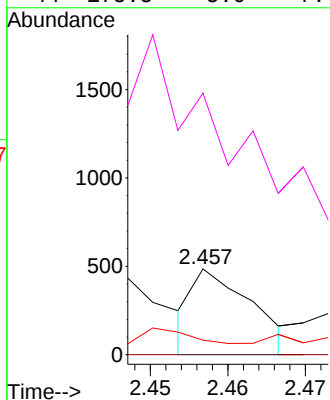
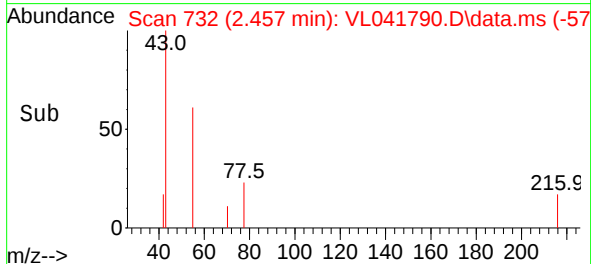


#23
 Vinyl Acetate
 Concen: 0.040 ppbv
 RT: 2.457 min Scan# 741
 Delta R.T. -0.000 min
 Lab File: VL041790.D
 Acq: 18 Dec 2024 12:28

Instrument :
 MSVOA_1
 ClientSampleId :

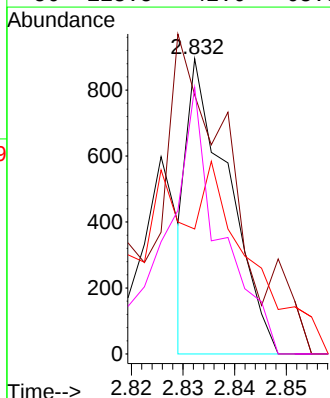
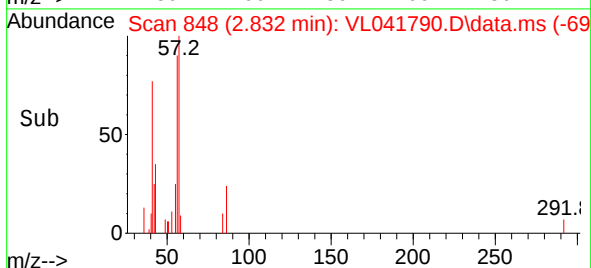
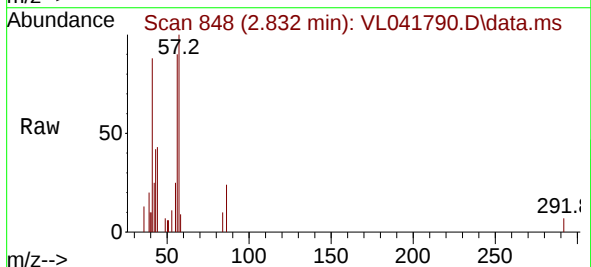


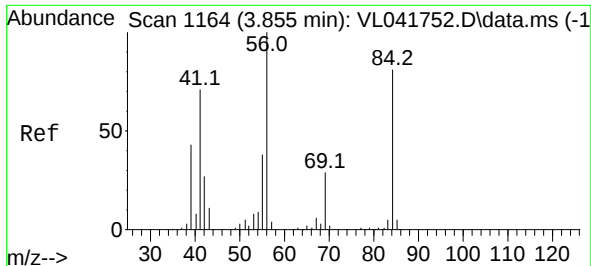
Tgt Ion:	43	Resp:	257
Ion	Ratio	Lower	Upper
43	100		
86	0.0	6.6	10.0#
42	0.0	8.2	12.2#
44	175.5	5.0	7.4#



#26
 Hexane
 Concen: 0.051 ppbv
 RT: 2.832 min Scan# 848
 Delta R.T. 0.009 min
 Lab File: VL041790.D
 Acq: 18 Dec 2024 12:28

Tgt Ion:	57	Resp:	489
Ion	Ratio	Lower	Upper
57	100		
41	211.2	79.6	119.4#
43	158.3	211.0	316.6#
56	123.5	42.6	63.8#





#30

Cyclohexane

Concen: 0.116 ppbv

RT: 3.959 min Scan# 1196

Delta R.T. 0.103 min

Lab File: VL041790.D

Acq: 18 Dec 2024 12:28

Instrument :

MSVOA_L

ClientSampleId :

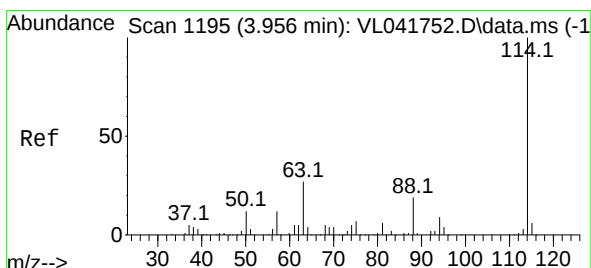
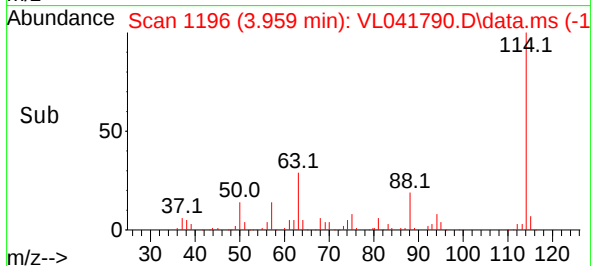
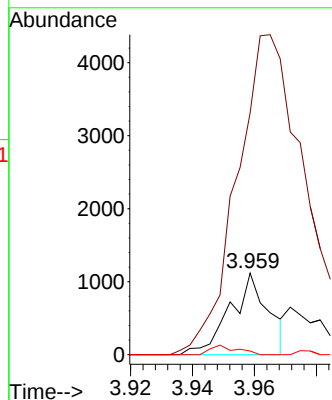
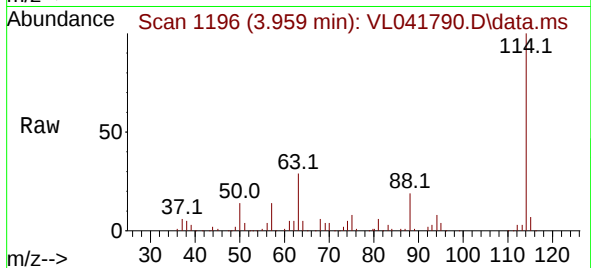
Tgt Ion: 84 Resp: 956

Ion Ratio Lower Upper

84 100

56 702.2 102.3 153.5#

41 10.1 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: VL041790.D

Acq: 18 Dec 2024 12:28

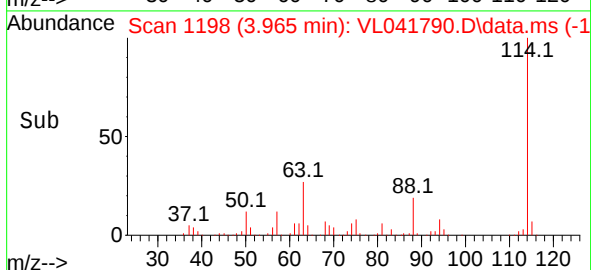
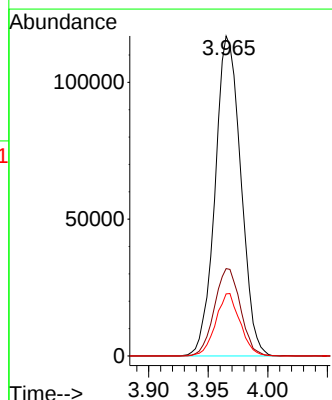
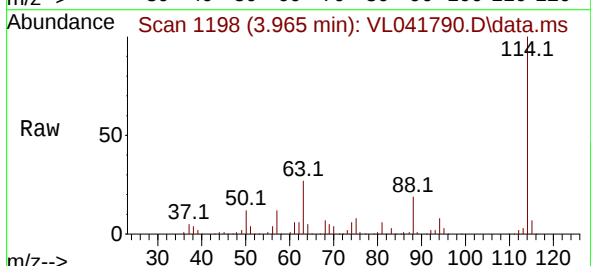
Tgt Ion: 114 Resp: 175356

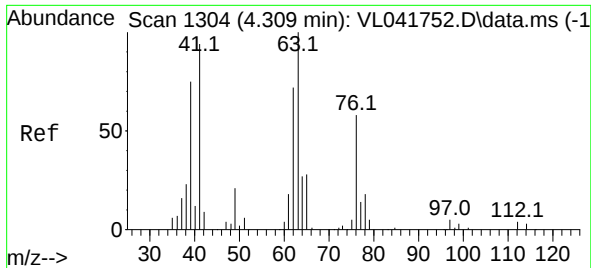
Ion Ratio Lower Upper

114 100

63 27.7 21.8 32.8

88 18.5 14.8 22.2





#39

1,2-Dichloropropane

Concen: 7.394 ppbv

RT: 3.965 min Scan# 1198

Delta R.T. -0.343 min

Lab File: VL041790.D

Acq: 18 Dec 2024 12:28

Instrument :

MSVOA_L

ClientSampleId :

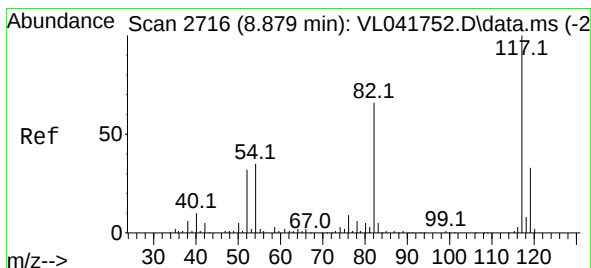
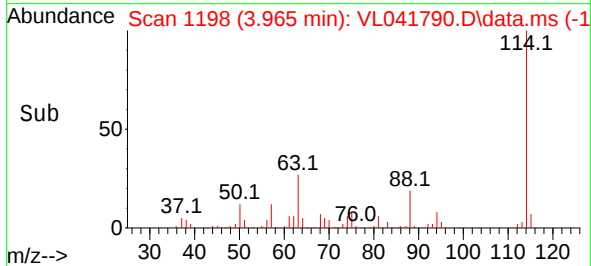
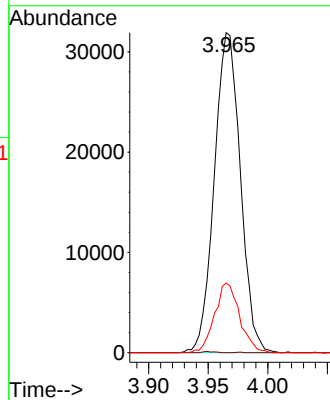
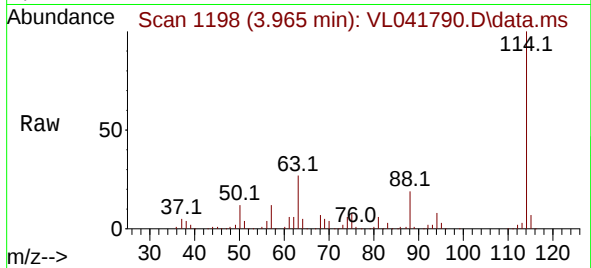
Tgt Ion: 63 Resp: 48506

Ion Ratio Lower Upper

63 100

41 0.0 75.3 112.9#

62 21.8 57.3 85.9#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.891 min Scan# 2720

Delta R.T. 0.013 min

Lab File: VL041790.D

Acq: 18 Dec 2024 12:28

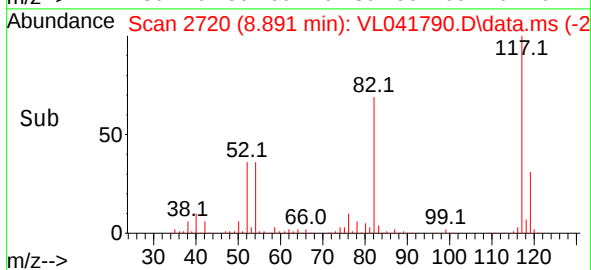
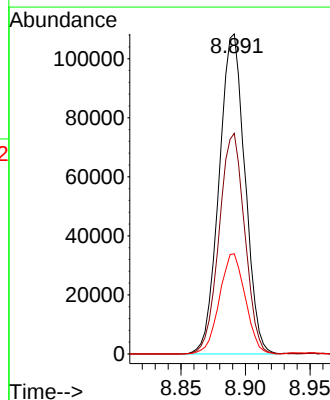
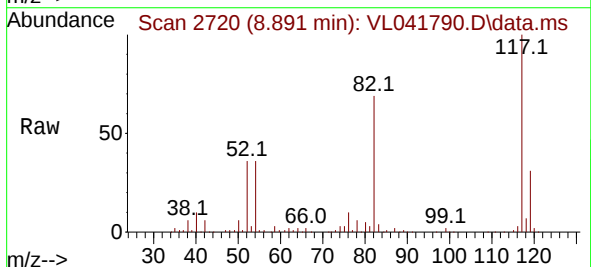
Tgt Ion: 117 Resp: 151060

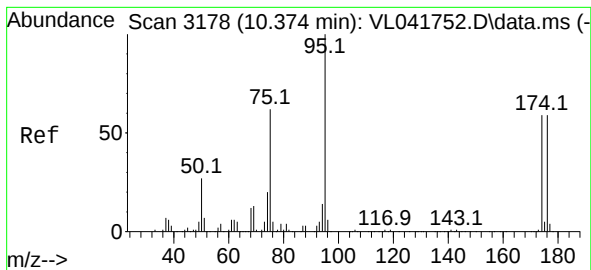
Ion Ratio Lower Upper

117 100

82 68.3 53.8 80.8

119 31.4 26.7 40.1





#68

1-Bromo-4-Fluorobenzene

Concen: 10.143 ppbv

RT: 10.383 min Scan# 31

Delta R.T. 0.009 min

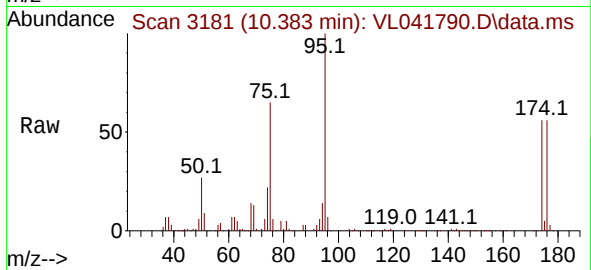
Lab File: VL041790.D

Acq: 18 Dec 2024 12:28

Instrument :

MSVOA_1

ClientSampleId :



Tgt Ion: 95 Resp: 127683

Ion Ratio Lower Upper

95 100

174 57.4 47.6 71.4

175 4.6 3.7 5.5

