

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010725\
 Data File : VL041852.D
 Acq On : 07 Jan 2025 19:35
 Operator : SY/MD
 Sample : QC010225 CAN 10443
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jan 08 03:57:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Jan 08 03:26:12 2025
 Response via : Initial Calibration

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

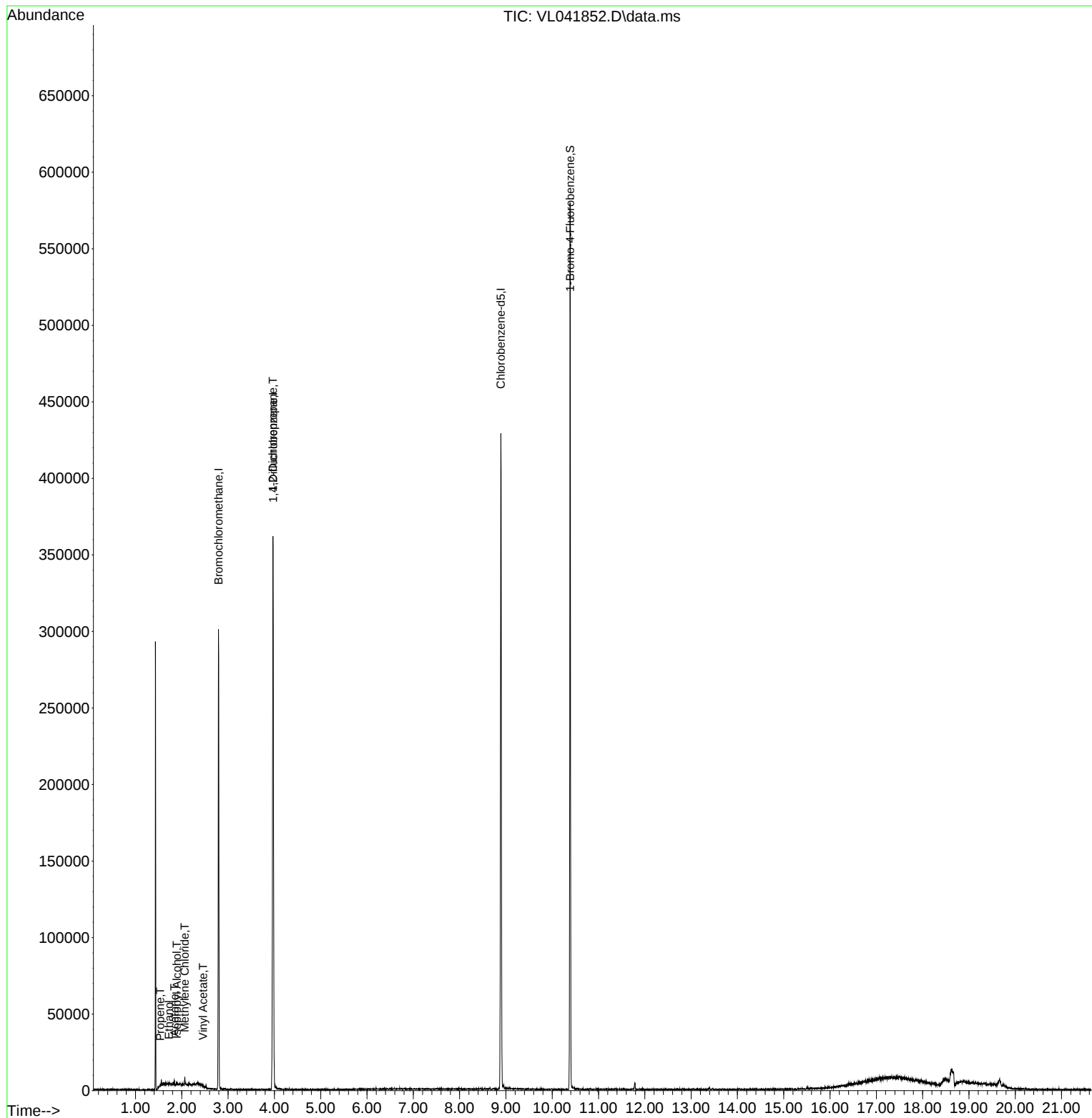
Internal Standards						
1) Bromochloromethane	2.793	49	84180	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.971	114	183339	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.891	117	151920	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.387	95	123407	9.484	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.800%
Target Compounds						
					Qvalue	
9) Propene	1.531	41	186	0.040	ppbv	90
13) Ethanol	1.725	45	342	0.567	ppbv	82
15) Acetone	1.842	43	1412	0.091	ppbv	96
19) Isopropyl Alcohol	1.890	45	845	0.116	ppbv #	92
20) Methylene Chloride	2.065	84	631	0.142	ppbv #	77
23) Vinyl Acetate	2.457	43	265	0.055	ppbv #	61
39) 1,2-Dichloropropane	3.968	63	52817	7.796	ppbv #	16

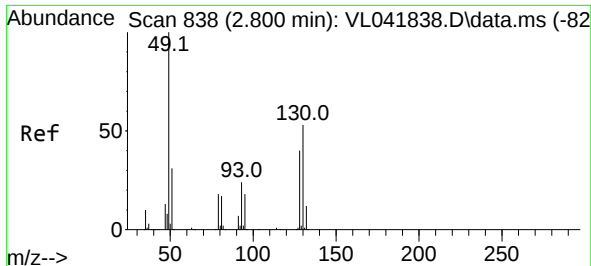
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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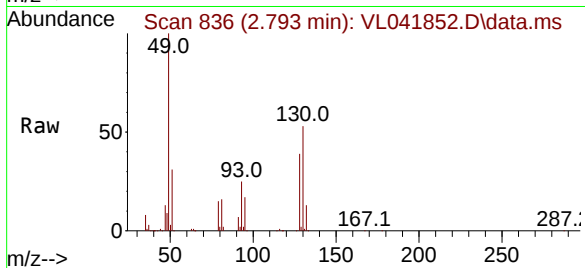
Quant Time: Jan 08 03:57:45 2025
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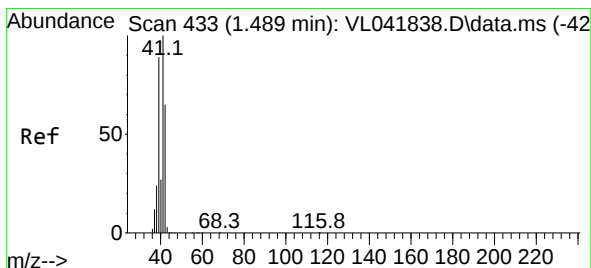
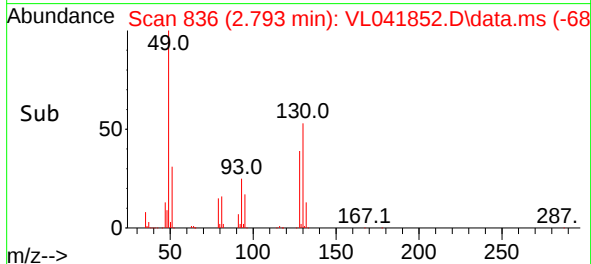
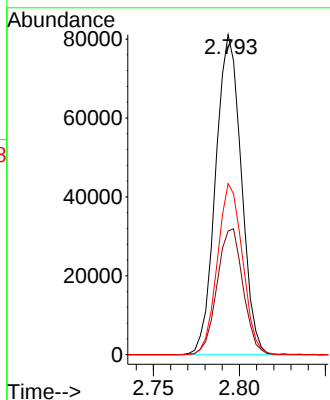


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.793 min Scan# 81
Delta R.T. -0.007 min
Lab File: VL041852.D
Acq: 07 Jan 2025 19:35

Instrument :
MSVOA_L
ClientSampleId :

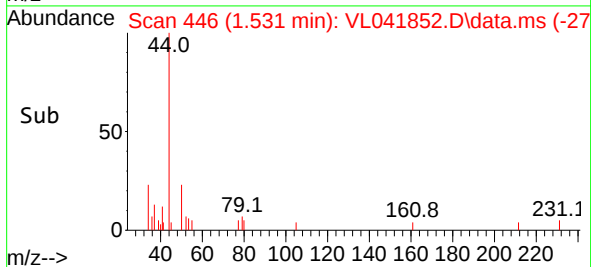
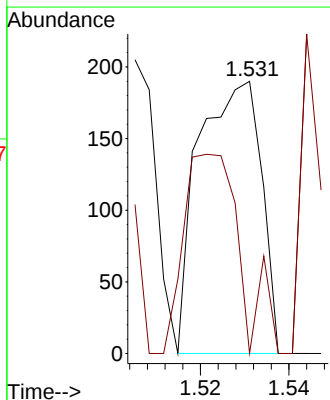
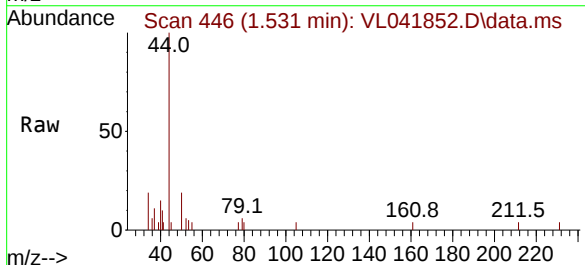


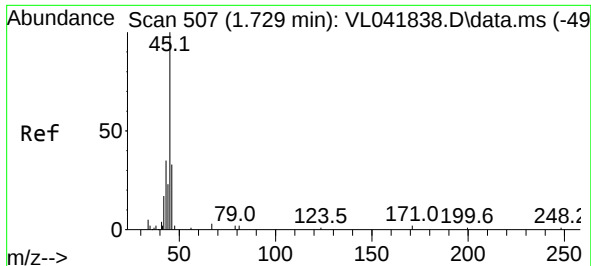
Tgt Ion: 49 Resp: 84180
Ion Ratio Lower Upper
49 100
128 39.7 19.7 59.1
130 52.4 26.4 79.2



#9
Propene
Concen: 0.040 ppbv
RT: 1.531 min Scan# 446
Delta R.T. 0.042 min
Lab File: VL041852.D
Acq: 07 Jan 2025 19:35

Tgt Ion: 41 Resp: 186
Ion Ratio Lower Upper
41 100
42 59.7 53.9 80.9

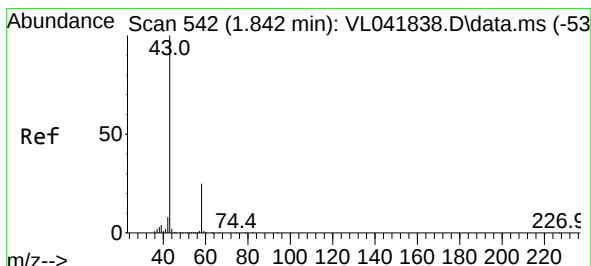
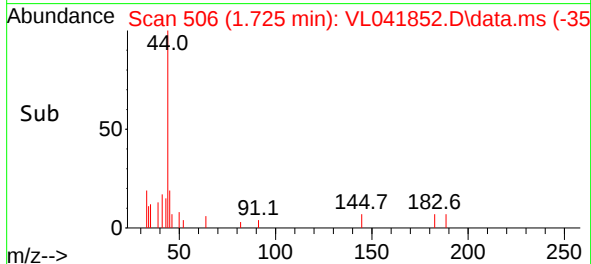
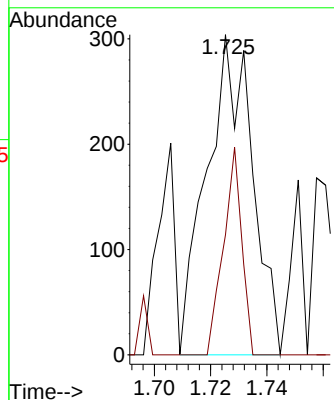
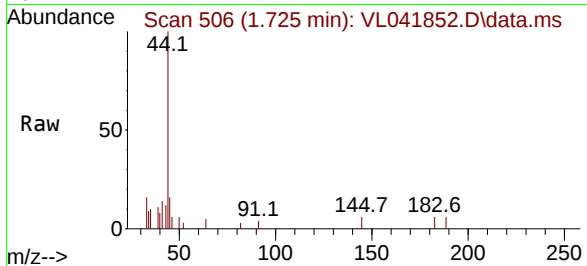




#13
Ethanol
Concen: 0.567 ppbv
RT: 1.725 min Scan# 507
Delta R.T. -0.003 min
Lab File: VL041852.D
Acq: 07 Jan 2025 19:35

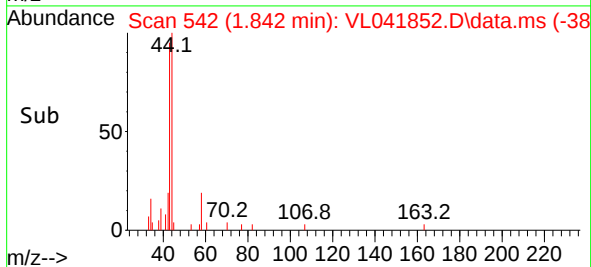
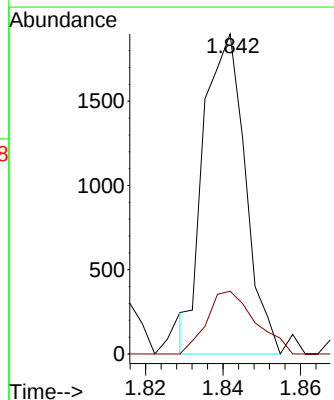
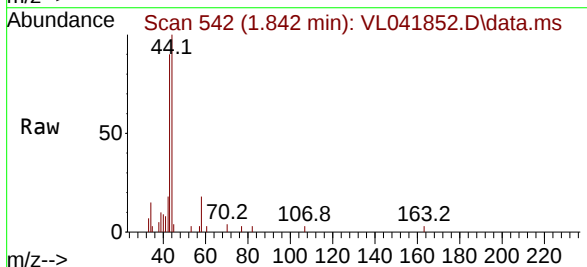
Instrument :
MSVOA_L
ClientSampleId :

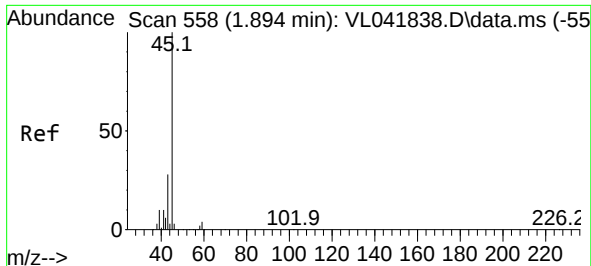
Tgt Ion: 45 Resp: 342
Ion Ratio Lower Upper
45 100
46 26.0 14.6 58.2



#15
Acetone
Concen: 0.091 ppbv
RT: 1.842 min Scan# 542
Delta R.T. -0.000 min
Lab File: VL041852.D
Acq: 07 Jan 2025 19:35

Tgt Ion: 43 Resp: 1412
Ion Ratio Lower Upper
43 100
58 23.1 20.2 30.4

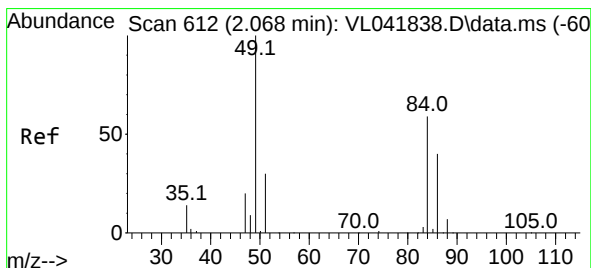
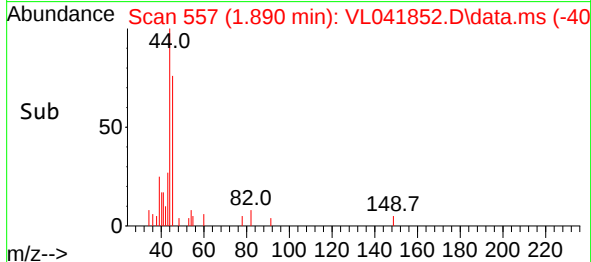
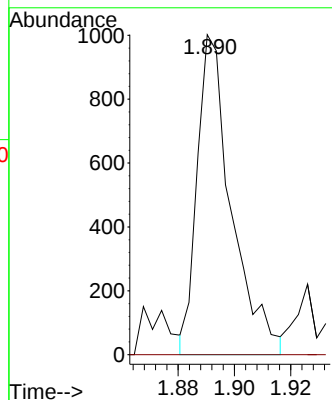
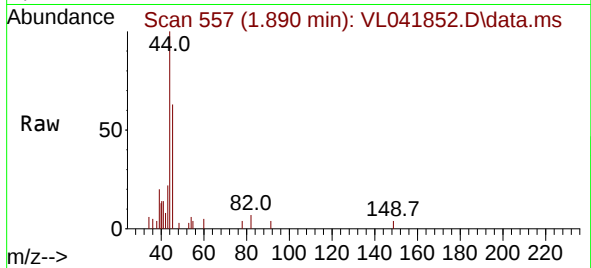




#19
Isopropyl Alcohol
Concen: 0.116 ppbv
RT: 1.890 min Scan# 51
Delta R.T. -0.003 min
Lab File: VL041852.D
Acq: 07 Jan 2025 19:35

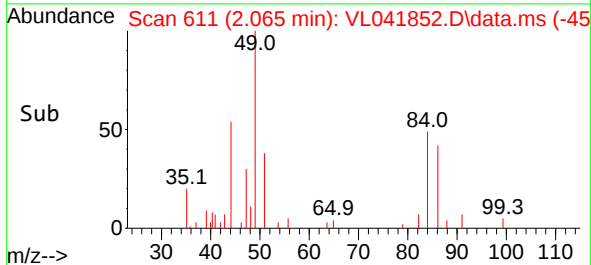
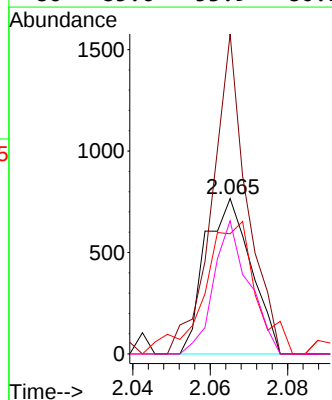
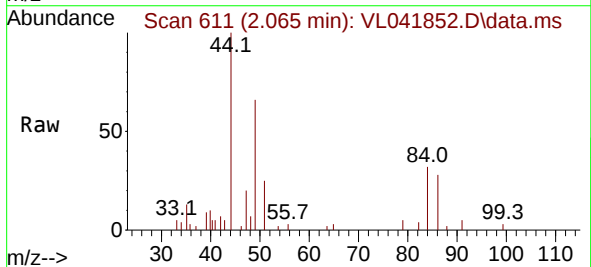
Instrument :
MSVOA_L
ClientSampleId :

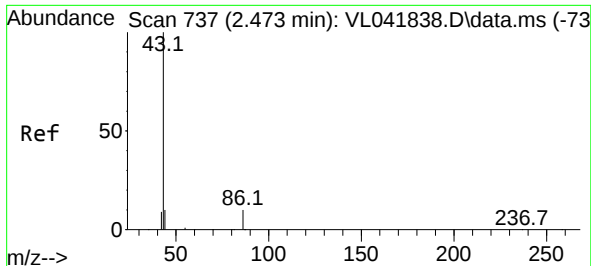
Tgt Ion: 45 Resp: 845
Ion Ratio Lower Upper
45 100
58 0.0 2.1 3.1#



#20
Methylene Chloride
Concen: 0.142 ppbv
RT: 2.065 min Scan# 611
Delta R.T. -0.003 min
Lab File: VL041852.D
Acq: 07 Jan 2025 19:35

Tgt Ion: 84 Resp: 631
Ion Ratio Lower Upper
84 100
49 205.9 137.8 206.8
51 67.9 43.9 65.9#
86 85.6 53.9 80.9#





#23

Vinyl Acetate

Concen: 0.055 ppbv

RT: 2.457 min Scan# 71

Delta R.T. -0.016 min

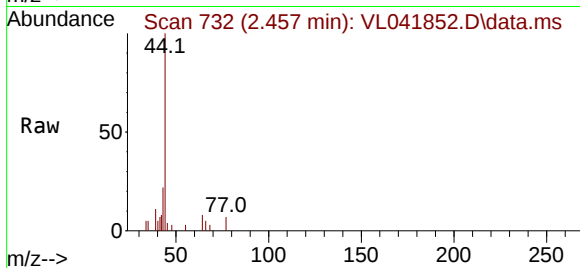
Lab File: VL041852.D

Acq: 07 Jan 2025 19:35

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 43 Resp: 265

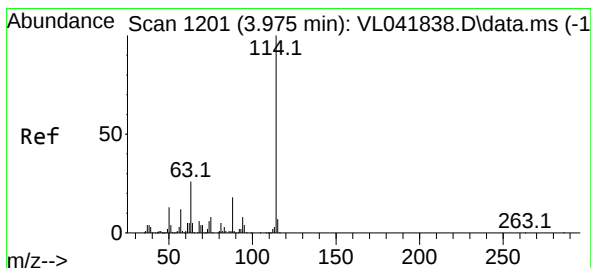
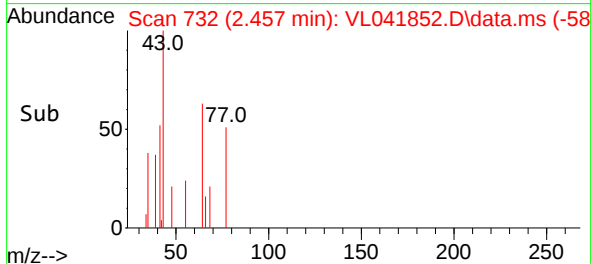
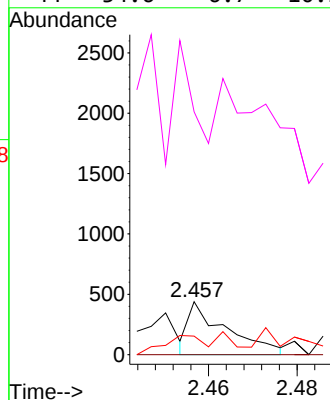
Ion Ratio Lower Upper

43 100

86 0.0 6.4 9.6#

42 22.0 9.5 14.3#

44 34.6 6.7 10.1#



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.971 min Scan# 1200

Delta R.T. -0.003 min

Lab File: VL041852.D

Acq: 07 Jan 2025 19:35

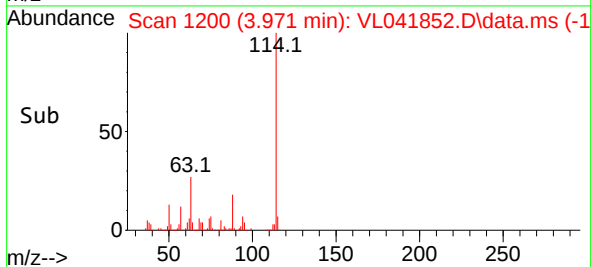
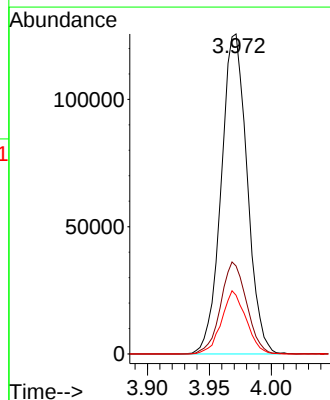
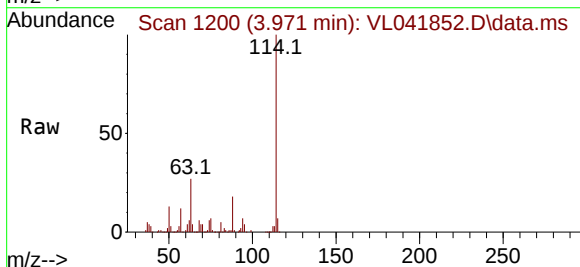
Tgt Ion: 114 Resp: 183339

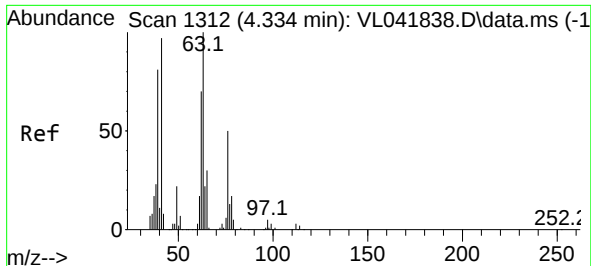
Ion Ratio Lower Upper

114 100

63 28.8 22.3 33.5

88 18.7 14.9 22.3





#39

1,2-Dichloropropane

Concen: 7.796 ppbv

RT: 3.968 min Scan# 1199

Delta R.T. -0.366 min

Lab File: VL041852.D

Acq: 07 Jan 2025 19:35

Instrument :

MSVOA_L

ClientSampleId :

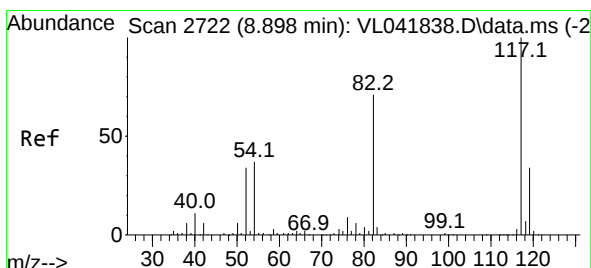
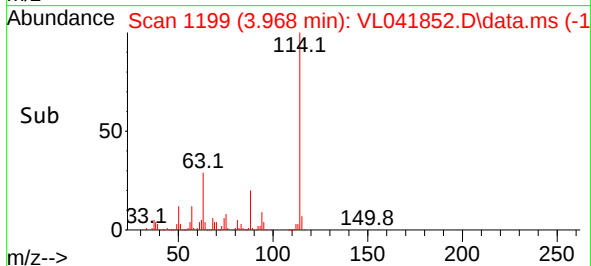
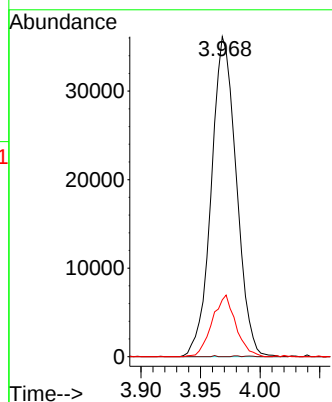
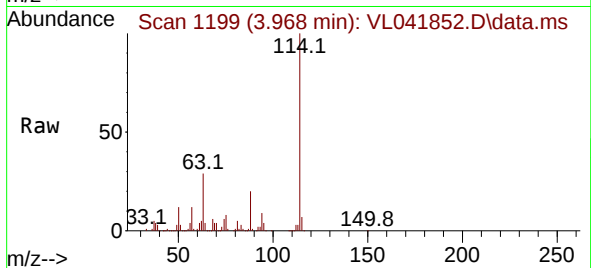
Tgt Ion: 63 Resp: 52817

Ion Ratio Lower Upper

63 100

41 0.3 77.7 116.5#

62 17.7 56.2 84.2#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.891 min Scan# 2720

Delta R.T. -0.007 min

Lab File: VL041852.D

Acq: 07 Jan 2025 19:35

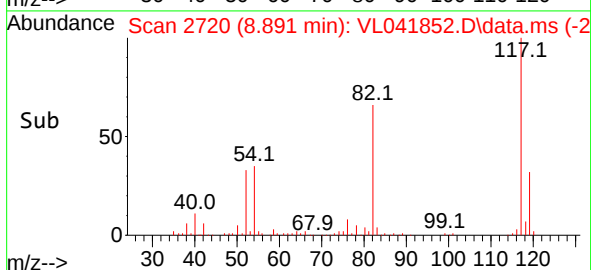
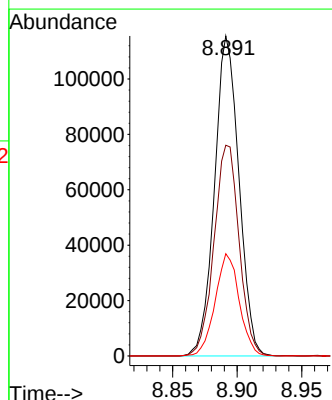
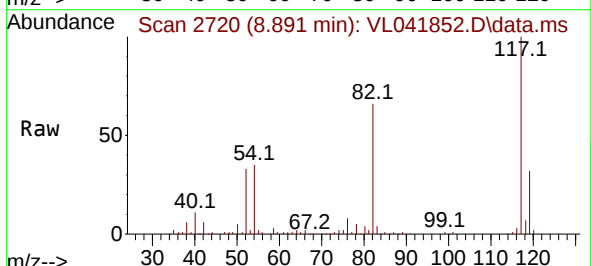
Tgt Ion: 117 Resp: 151920

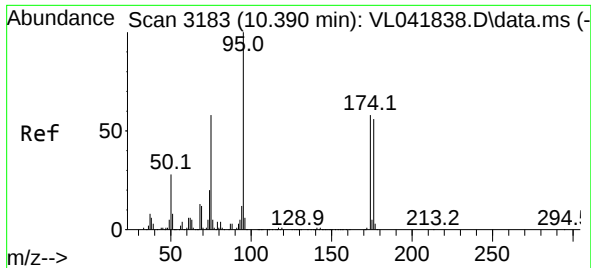
Ion Ratio Lower Upper

117 100

82 67.7 59.1 88.7

119 31.6 27.3 40.9





#68

1-Bromo-4-Fluorobenzene

Concen: 9.484 ppbv

RT: 10.387 min Scan# 31

Delta R.T. -0.003 min

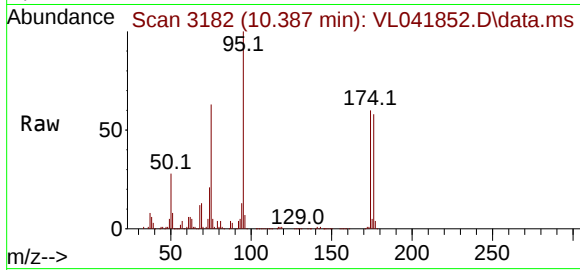
Lab File: VL041852.D

Acq: 07 Jan 2025 19:35

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 95 Resp: 123407

Ion Ratio Lower Upper

95 100

174 57.9 47.6 71.4

175 4.5 3.8 5.6

