

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010725\
 Data File : VL041856.D
 Acq On : 07 Jan 2025 22:01
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jan 08 04:00:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 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)

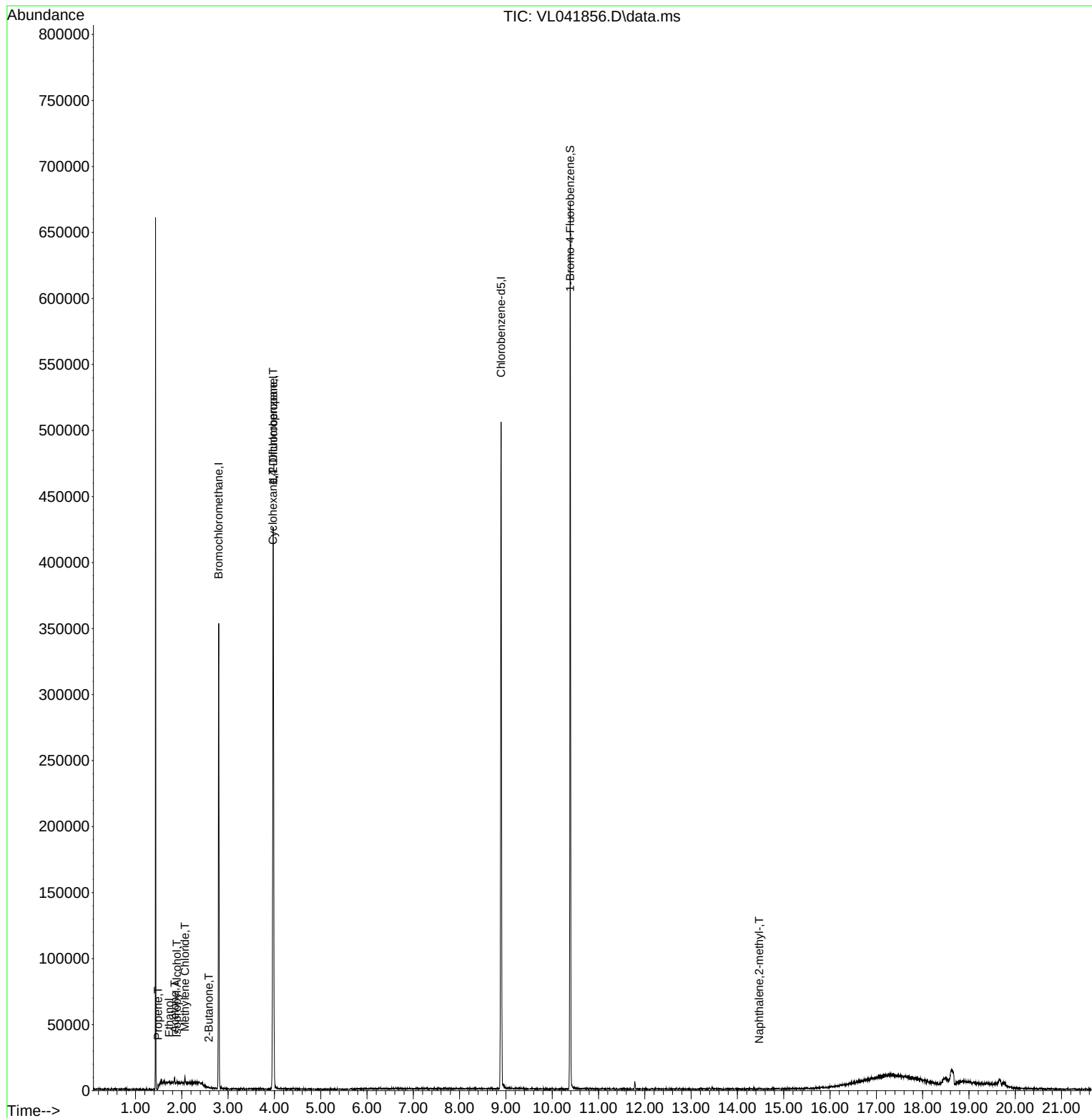
Internal Standards						
1) Bromochloromethane	2.797	49	101837	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.975	114	223388	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.894	117	183050	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.390	95	147548	9.411	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.100%
Target Compounds						
					Qvalue	
9) Propene	1.486	41	477	0.086	ppbv	85
13) Ethanol	1.732	45	142	0.194	ppbv #	38
15) Acetone	1.845	43	2022	0.108	ppbv	98
19) Isopropyl Alcohol	1.890	45	962	0.109	ppbv #	88
20) Methylene Chloride	2.068	84	678	0.126	ppbv	91
30) Cyclohexane	3.968	84	2224	0.269	ppbv #	1
34) 2-Butanone	2.580	43	531	0.030	ppbv #	55
39) 1,2-Dichloropropane	3.971	63	61866	7.494	ppbv #	16
80) Naphthalene,2-methyl-	14.471	142	261	0.036	ppbv #	69

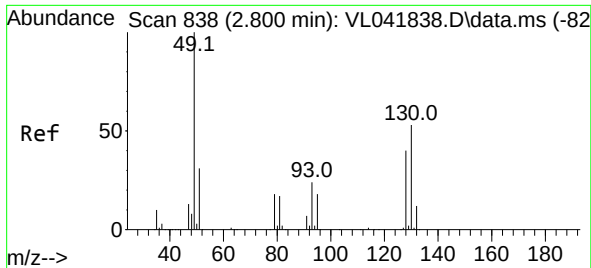
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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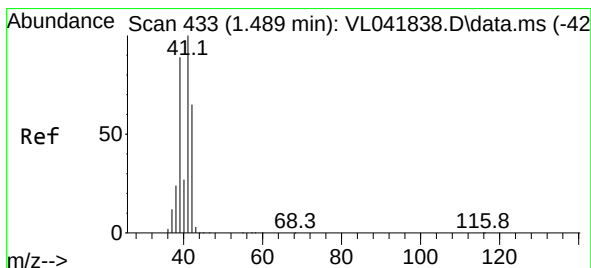
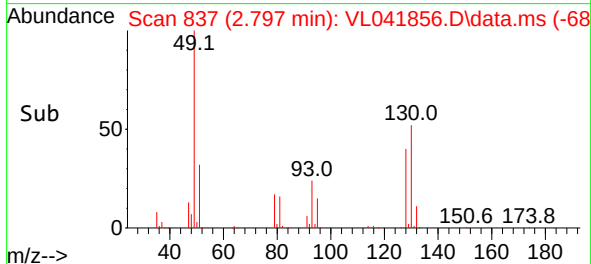
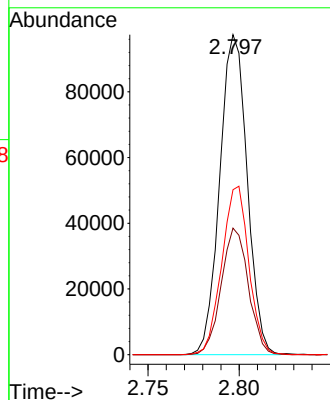
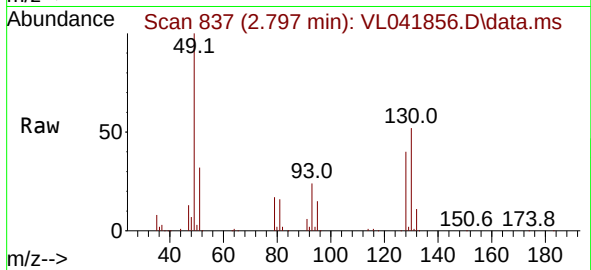




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.797 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL041856.D
Acq: 07 Jan 2025 22:01

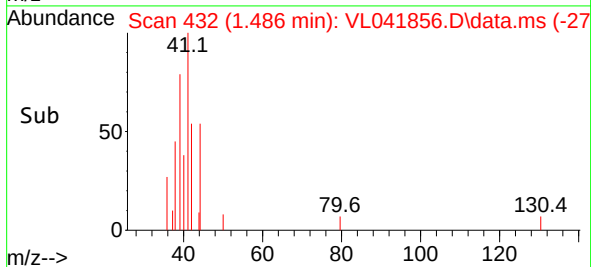
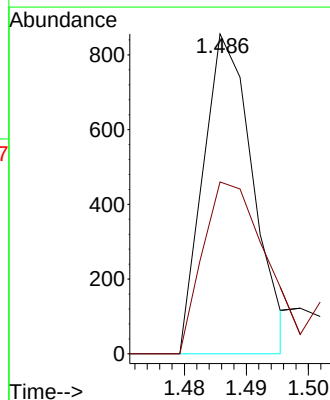
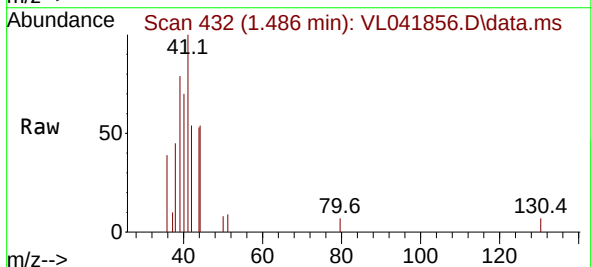
Instrument :
MSVOA_L
ClientSampleId :

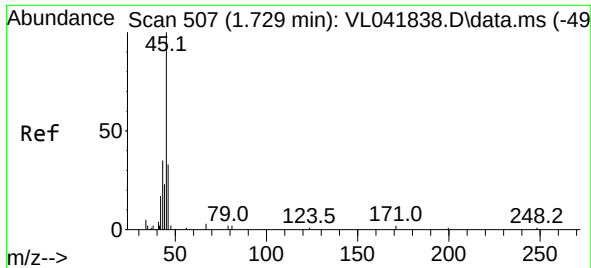
Tgt Ion: 49 Resp: 101837
Ion Ratio Lower Upper
49 100
128 39.2 19.7 59.1
130 52.1 26.4 79.2



#9
Propene
Concen: 0.086 ppbv
RT: 1.486 min Scan# 432
Delta R.T. -0.003 min
Lab File: VL041856.D
Acq: 07 Jan 2025 22:01

Tgt Ion: 41 Resp: 477
Ion Ratio Lower Upper
41 100
42 79.7 53.9 80.9

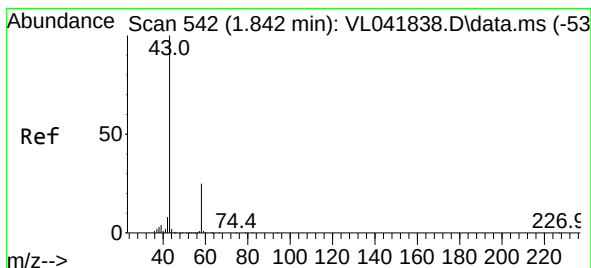
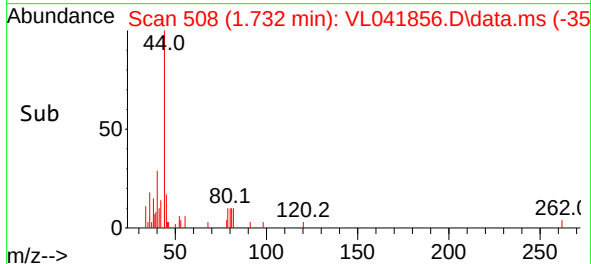
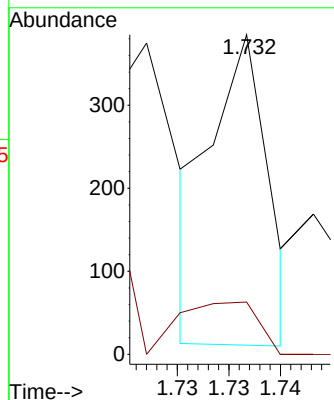
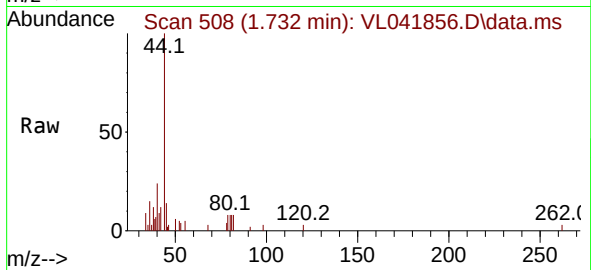




#13
Ethanol
Concen: 0.194 ppbv
RT: 1.732 min Scan# 50
Delta R.T. 0.003 min
Lab File: VL041856.D
Acq: 07 Jan 2025 22:01

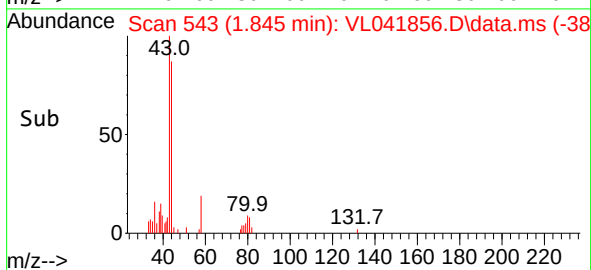
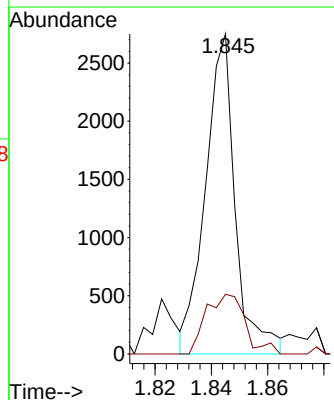
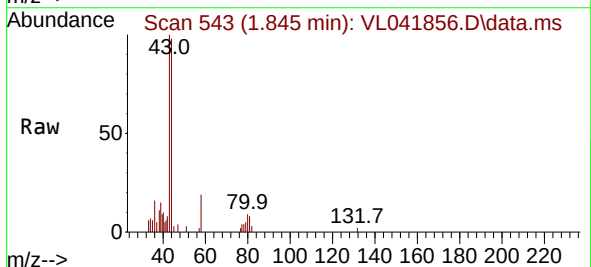
Instrument :
MSVOA_L
ClientSampleId :

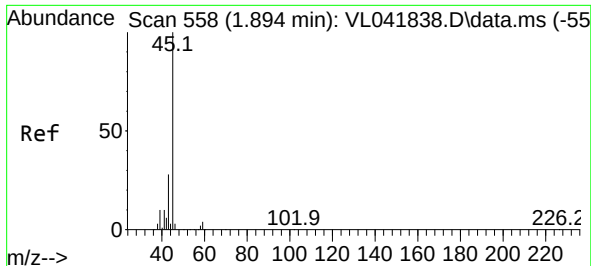
Tgt Ion: 45 Resp: 142
Ion Ratio Lower Upper
45 100
46 0.0 14.6 58.2#



#15
Acetone
Concen: 0.108 ppbv
RT: 1.845 min Scan# 543
Delta R.T. 0.003 min
Lab File: VL041856.D
Acq: 07 Jan 2025 22:01

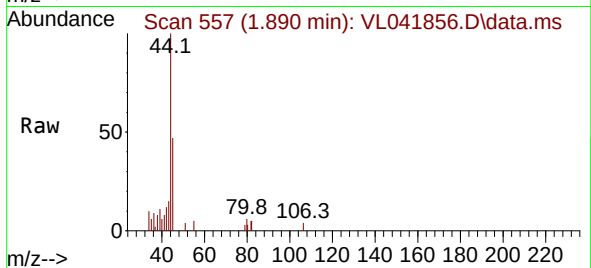
Tgt Ion: 43 Resp: 2022
Ion Ratio Lower Upper
43 100
58 24.5 20.2 30.4



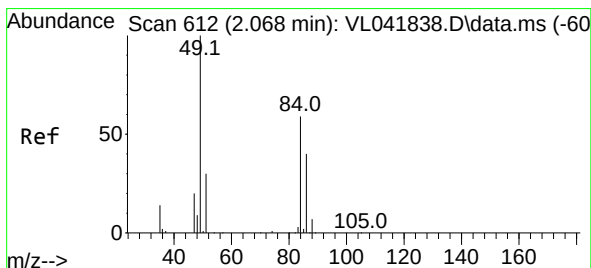
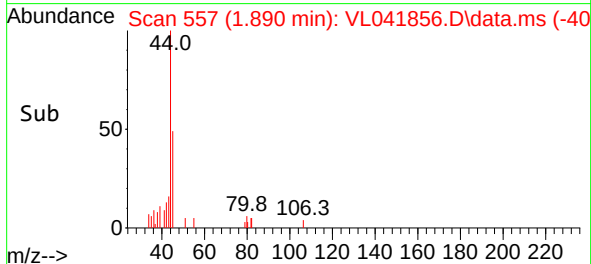
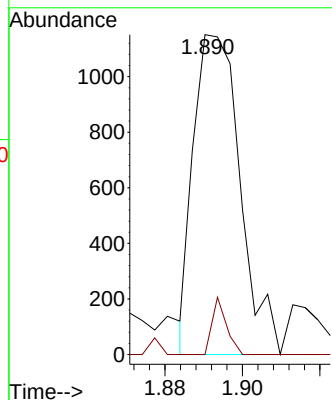


#19
Isopropyl Alcohol
Concen: 0.109 ppbv
RT: 1.890 min Scan# 51
Delta R.T. -0.003 min
Lab File: VL041856.D
Acq: 07 Jan 2025 22:01

Instrument :
MSVOA_L
ClientSampleId :

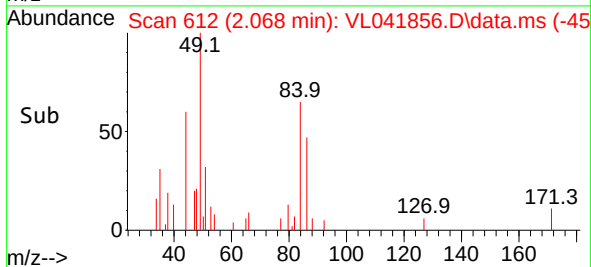
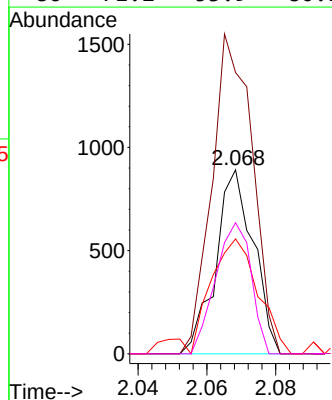
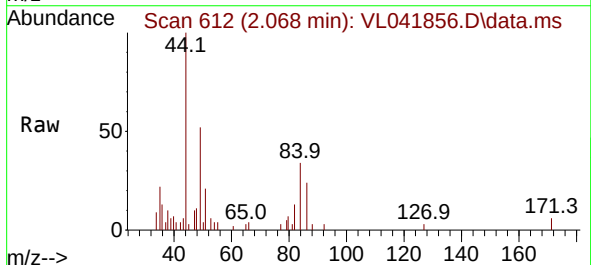


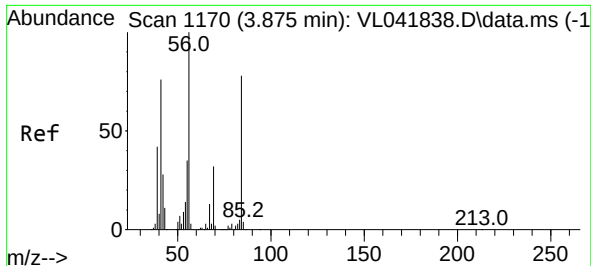
Tgt Ion: 45 Resp: 962
Ion Ratio Lower Upper
45 100
58 6.7 2.1 3.1#



#20
Methylene Chloride
Concen: 0.126 ppbv
RT: 2.068 min Scan# 612
Delta R.T. -0.000 min
Lab File: VL041856.D
Acq: 07 Jan 2025 22:01

Tgt Ion: 84 Resp: 678
Ion Ratio Lower Upper
84 100
49 152.8 137.8 206.8
51 54.4 43.9 65.9
86 71.2 53.9 80.9

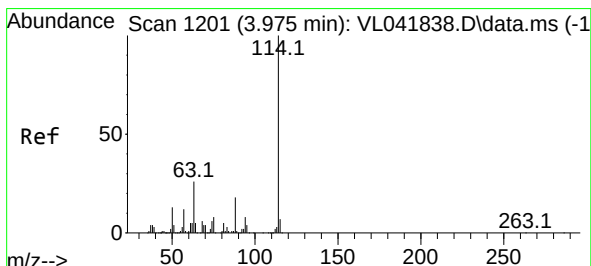
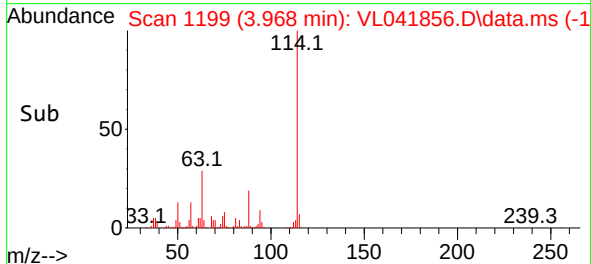
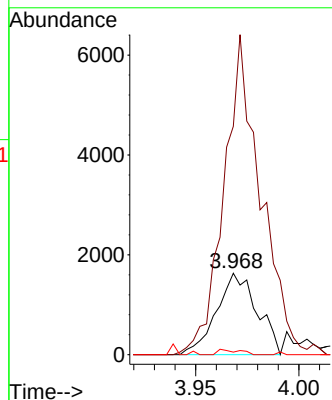
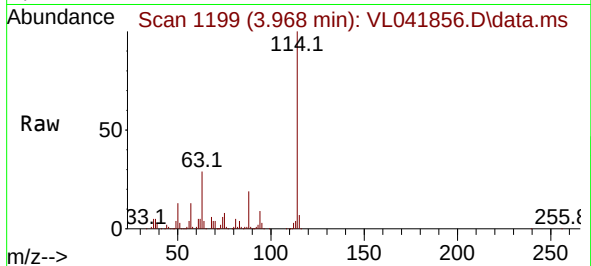




#30
Cyclohexane
Concen: 0.269 ppbv
RT: 3.968 min Scan# 1170
Delta R.T. 0.094 min
Lab File: VL041856.D
Acq: 07 Jan 2025 22:01

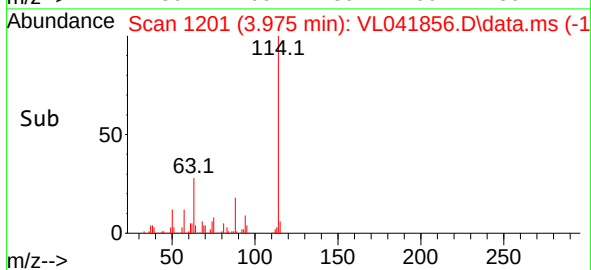
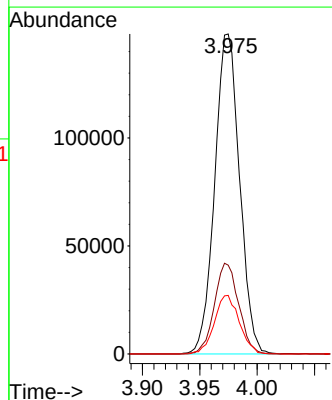
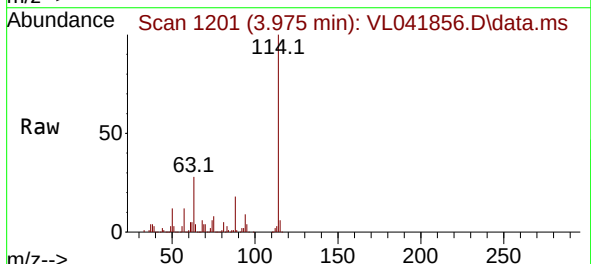
Instrument :
MSVOA_L
ClientSampleId :

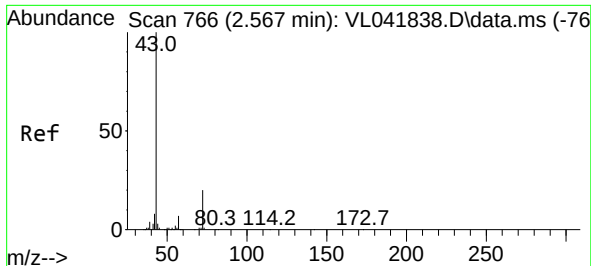
Tgt Ion: 84 Resp: 2224
Ion Ratio Lower Upper
84 100
56 360.6 105.0 157.6#
41 4.5 78.9 118.3#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.975 min Scan# 1201
Delta R.T. -0.000 min
Lab File: VL041856.D
Acq: 07 Jan 2025 22:01

Tgt Ion: 114 Resp: 223388
Ion Ratio Lower Upper
114 100
63 27.7 22.3 33.5
88 18.4 14.9 22.3

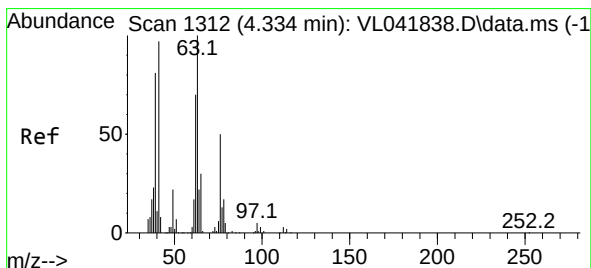
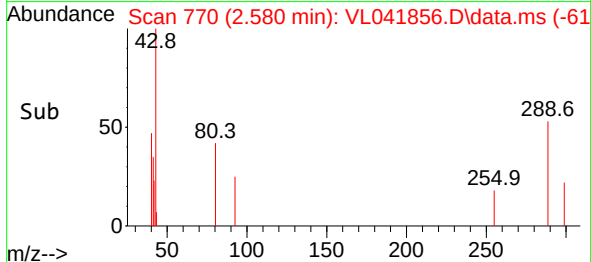
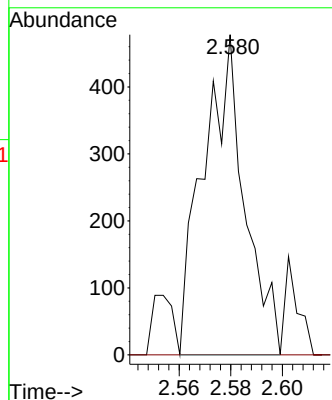
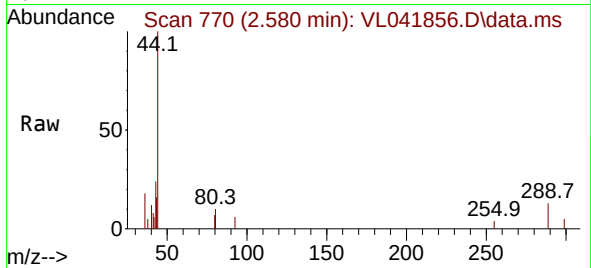




#34
2-Butanone
Concen: 0.030 ppbv
RT: 2.580 min Scan# 71
Delta R.T. 0.013 min
Lab File: VL041856.D
Acq: 07 Jan 2025 22:01

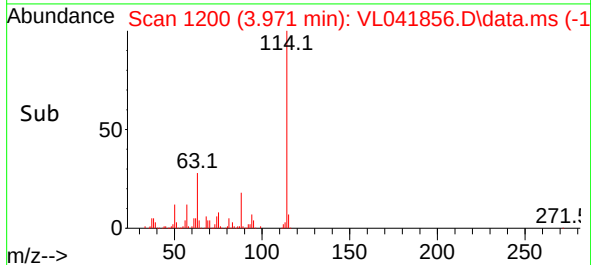
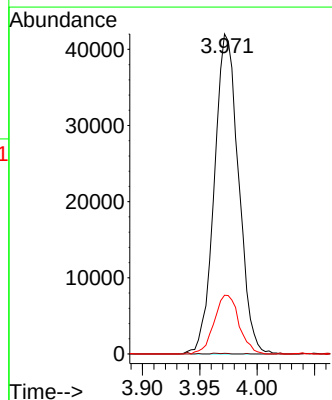
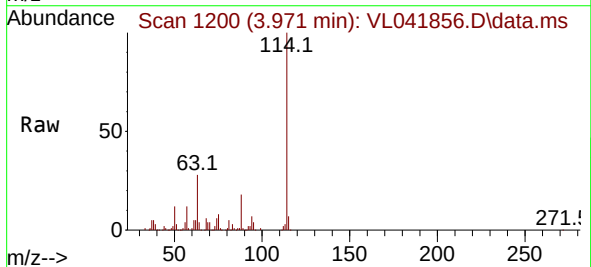
Instrument :
MSVOA_L
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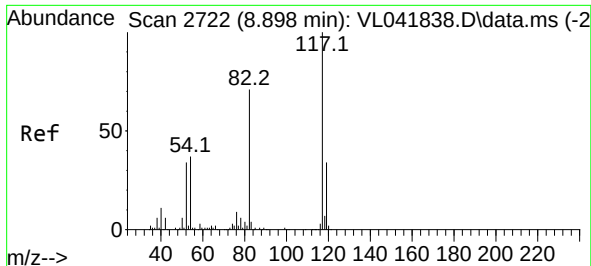
Tgt Ion: 43 Resp: 531
Ion Ratio Lower Upper
43 100
72 0.0 16.6 25.0#



#39
1,2-Dichloropropane
Concen: 7.494 ppbv
RT: 3.971 min Scan# 1200
Delta R.T. -0.363 min
Lab File: VL041856.D
Acq: 07 Jan 2025 22:01

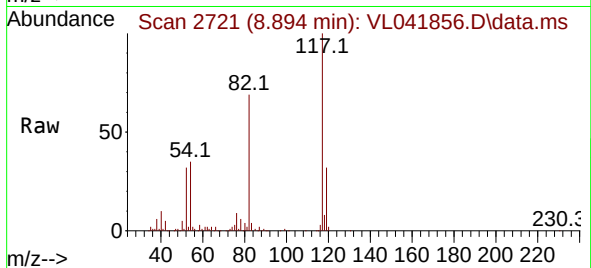
Tgt Ion: 63 Resp: 61866
Ion Ratio Lower Upper
63 100
41 0.2 77.7 116.5#
62 18.3 56.2 84.2#



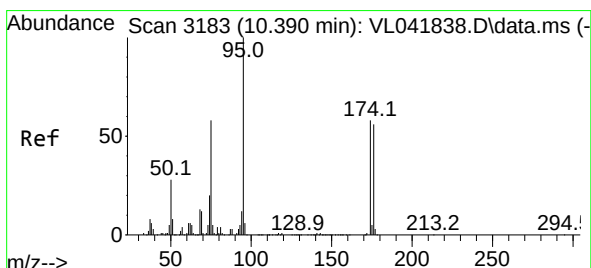
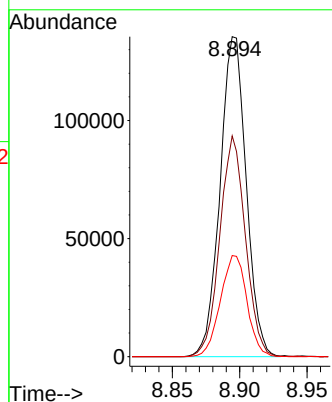
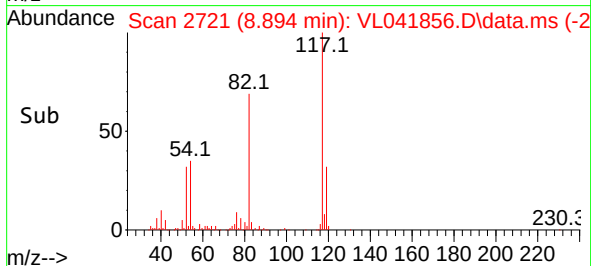


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.894 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041856.D
Acq: 07 Jan 2025 22:01

Instrument :
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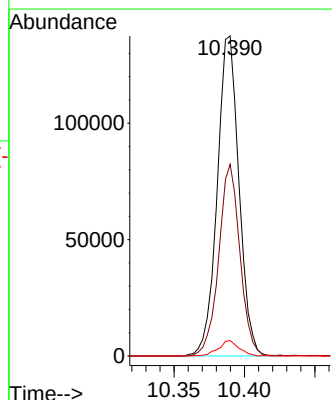
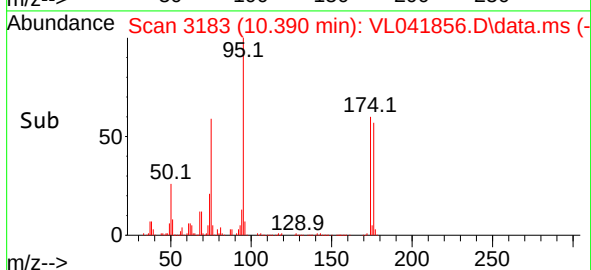
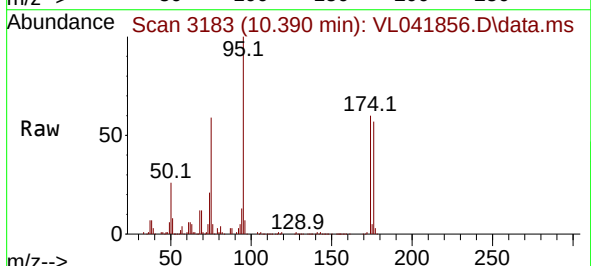


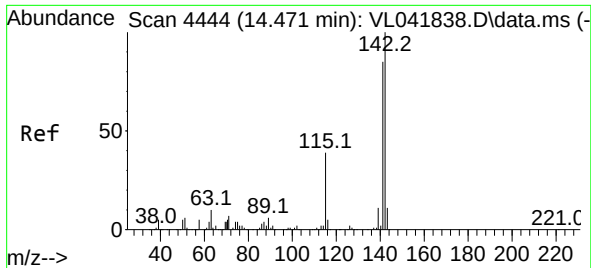
Tgt Ion:117 Resp: 183050
Ion Ratio Lower Upper
117 100
82 67.5 59.1 88.7
119 32.1 27.3 40.9



#68
1-Bromo-4-Fluorobenzene
Concen: 9.411 ppbv
RT: 10.390 min Scan# 3183
Delta R.T. -0.000 min
Lab File: VL041856.D
Acq: 07 Jan 2025 22:01

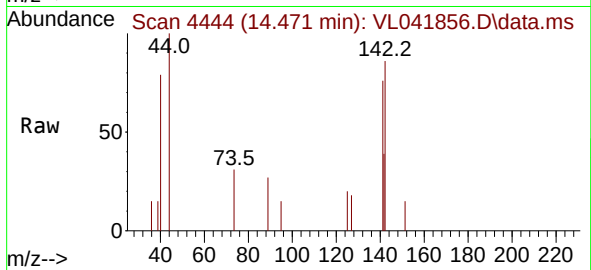
Tgt Ion: 95 Resp: 147548
Ion Ratio Lower Upper
95 100
174 58.7 47.6 71.4
175 4.6 3.8 5.6





#80
 Naphthalene, 2-methyl-
 Concen: 0.036 ppbv
 RT: 14.471 min Scan# 44
 Delta R.T. -0.000 min
 Lab File: VL041856.D
 Acq: 07 Jan 2025 22:01

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:	142	Resp:	261
Ion	Ratio	Lower	Upper
142	100		
141	98.1	67.8	101.8
115	0.0	32.6	48.8#

