

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020325\
 Data File : VL041960.D
 Acq On : 03 Feb 2025 12:05
 Operator : SY/MD
 Sample : VL00203ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Feb 04 02:33:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jan 14 23:15:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.790	49	151198	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	407814	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	347345	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	262058	9.579	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.800%
Target Compounds						
					Qvalue	
9) Propene	1.489	41	449	0.051	ppbv #	55
13) Ethanol	1.726	45	176	0.270	ppbv #	31
15) Acetone	1.839	43	1977	0.109	ppbv	94
16) 1,3-Butadiene	1.609	39	390	0.048	ppbv #	47
19) Isopropyl Alcohol	1.891	45	1191	0.111	ppbv #	32
20) Methylene Chloride	2.069	84	1090	0.152	ppbv #	70
39) 1,2-Dichloropropane	3.962	63	100393	7.652	ppbv #	22

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

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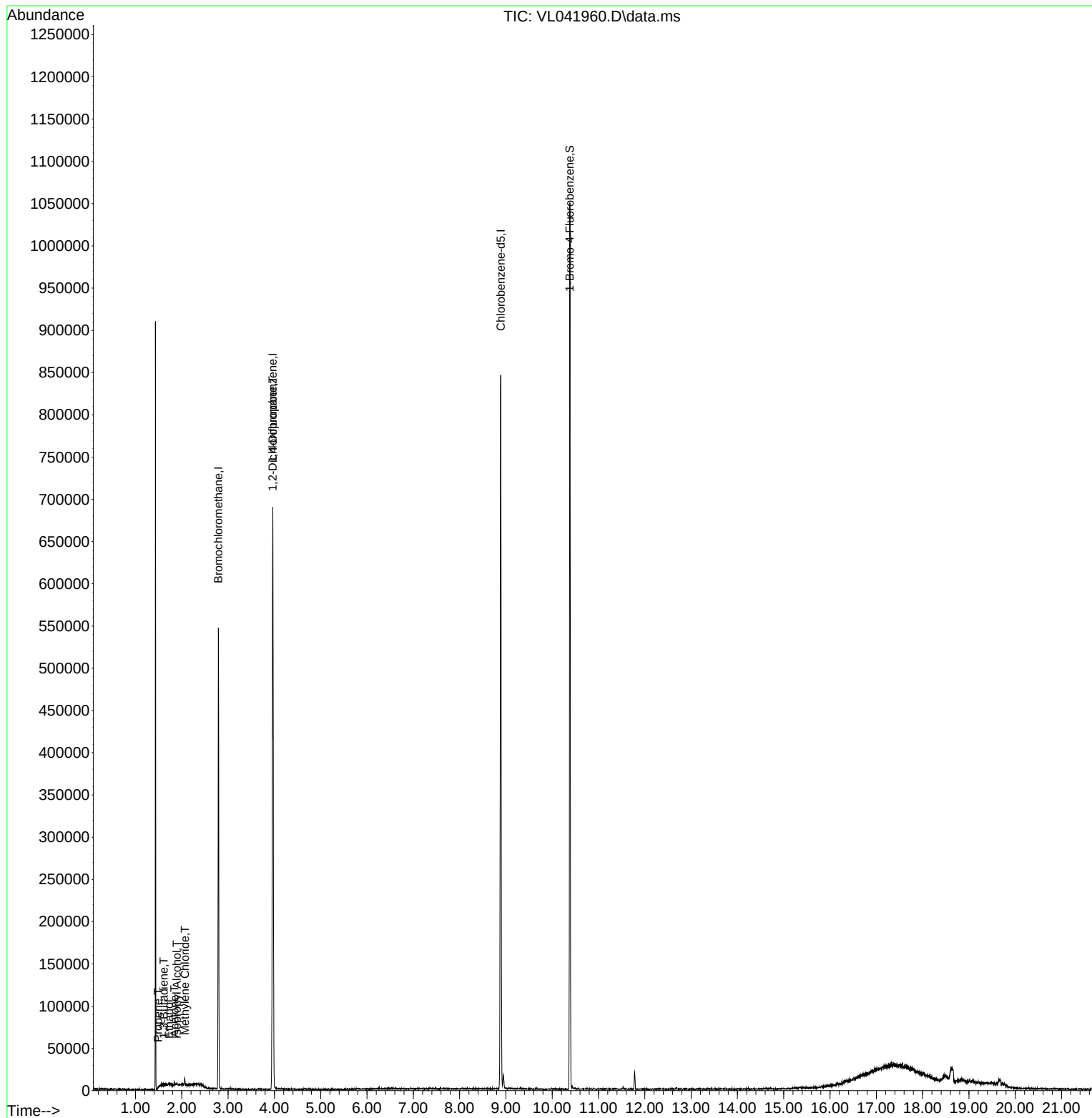
Quant Time: Feb 04 02:33:07 2025

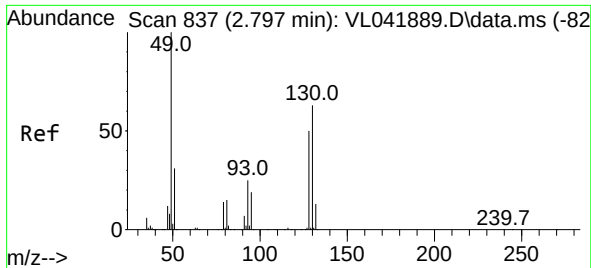
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M

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QLast Update : Tue Jan 14 23:15:42 2025

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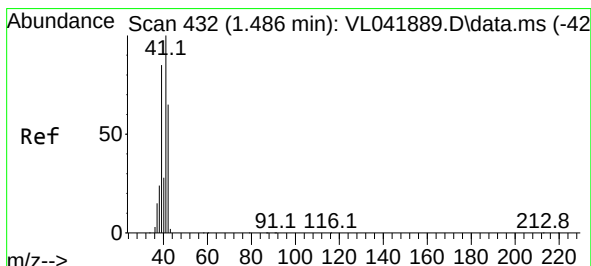
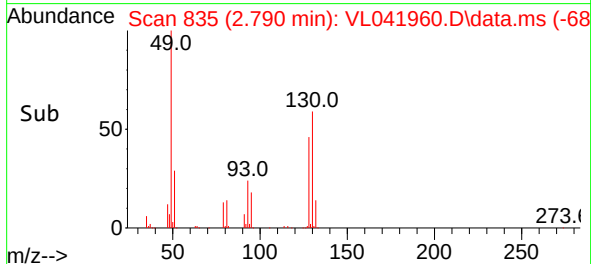
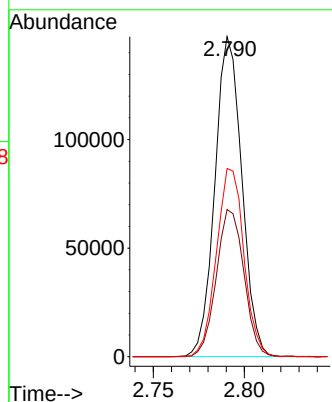
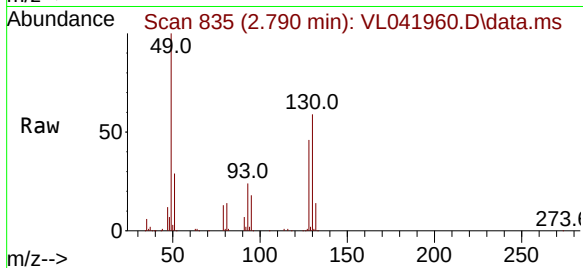




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 81
Delta R.T. -0.007 min
Lab File: VL041960.D
Acq: 03 Feb 2025 12:05

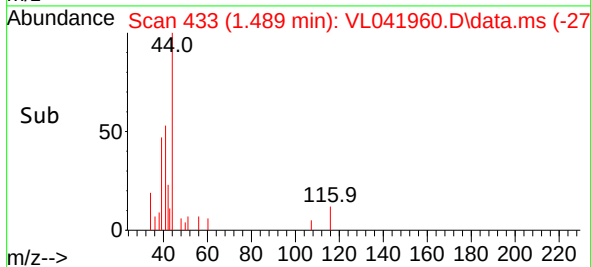
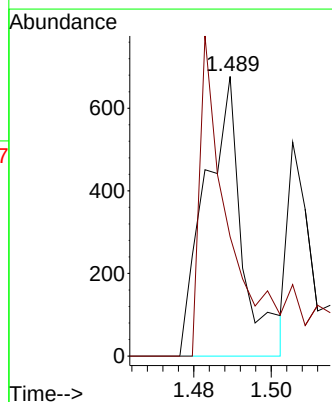
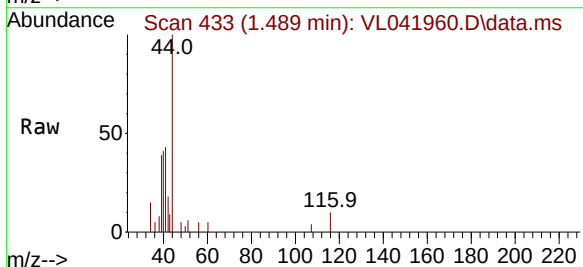
Instrument :
MSVOA_L
ClientSampleId :

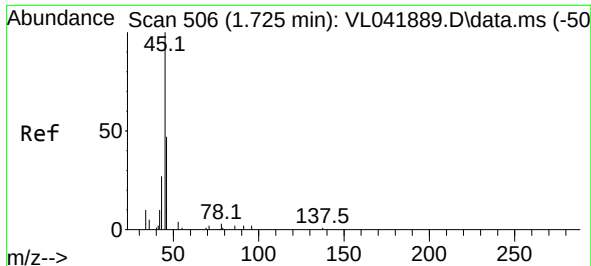
Tgt Ion: 49 Resp: 151198
Ion Ratio Lower Upper
49 100
128 47.2 24.3 73.0
130 60.1 31.1 93.2



#9
Propene
Concen: 0.051 ppbv
RT: 1.489 min Scan# 433
Delta R.T. 0.004 min
Lab File: VL041960.D
Acq: 03 Feb 2025 12:05

Tgt Ion: 41 Resp: 449
Ion Ratio Lower Upper
41 100
42 100.2 52.0 78.0#

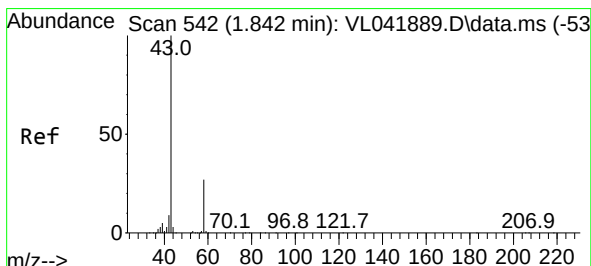
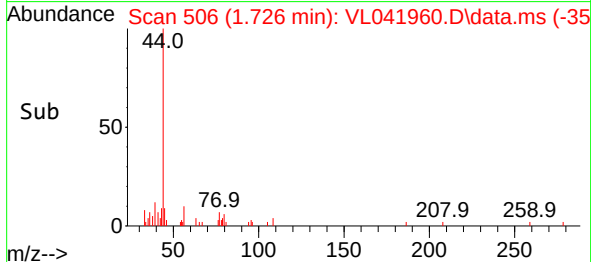
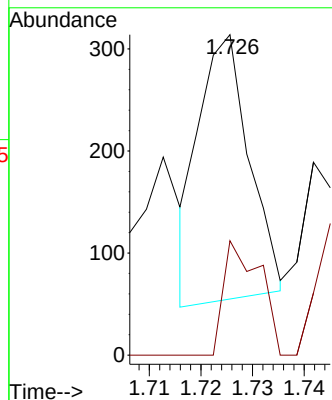
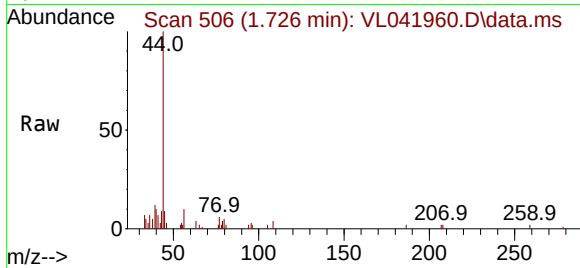




#13
 Ethanol
 Concen: 0.270 ppbv
 RT: 1.726 min Scan# 506
 Delta R.T. 0.000 min
 Lab File: VL041960.D
 Acq: 03 Feb 2025 12:05

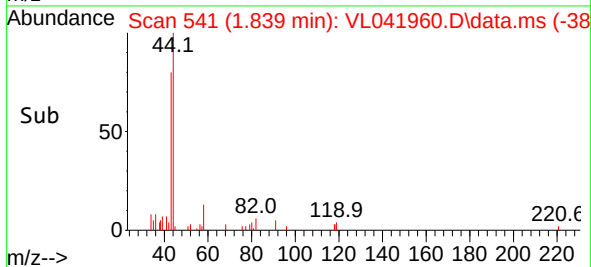
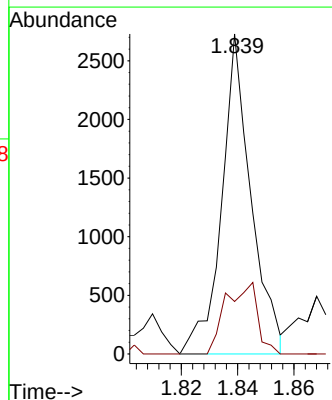
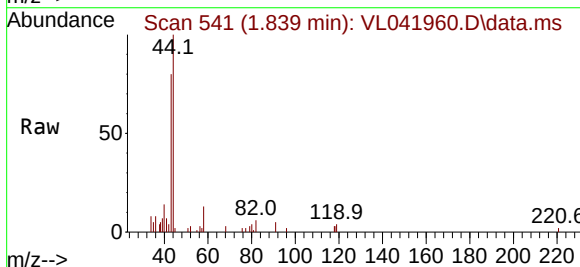
Instrument :
 MSVOA_L
 ClientSampleId :

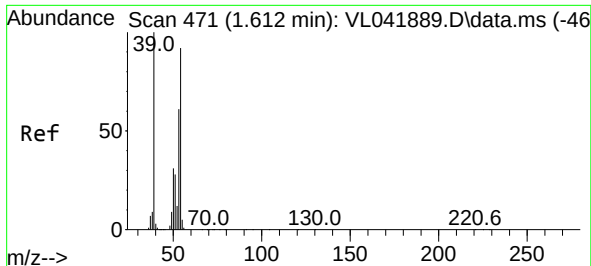
Tgt Ion: 45 Resp: 176
 Ion Ratio Lower Upper
 45 100
 46 0.0 18.1 72.5#



#15
 Acetone
 Concen: 0.109 ppbv
 RT: 1.839 min Scan# 541
 Delta R.T. -0.003 min
 Lab File: VL041960.D
 Acq: 03 Feb 2025 12:05

Tgt Ion: 43 Resp: 1977
 Ion Ratio Lower Upper
 43 100
 58 24.1 21.9 32.9

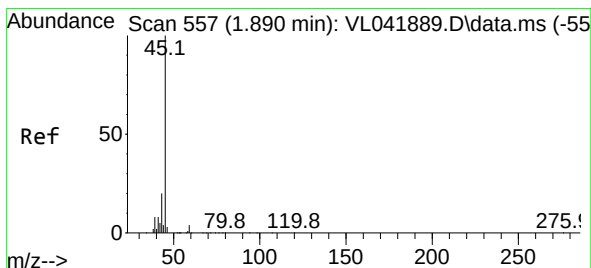
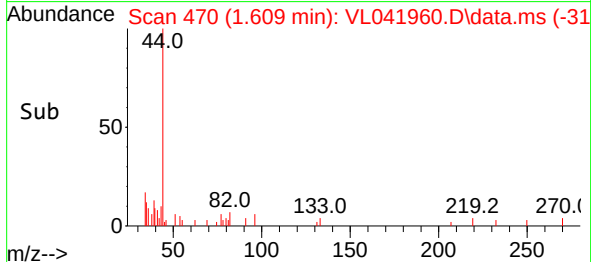
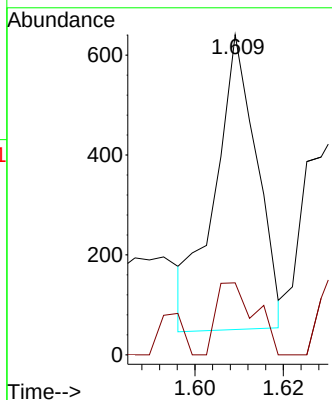
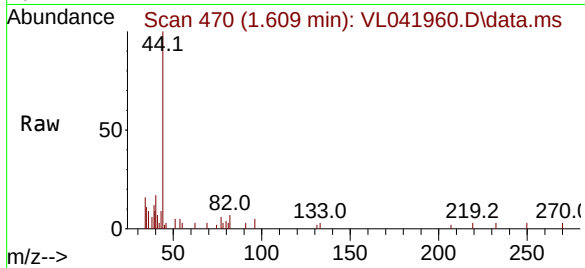




#16
1,3-Butadiene
Concen: 0.048 ppbv
RT: 1.609 min Scan# 471
Delta R.T. -0.003 min
Lab File: VL041960.D
Acq: 03 Feb 2025 12:05

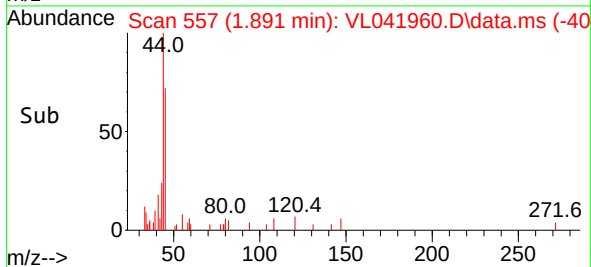
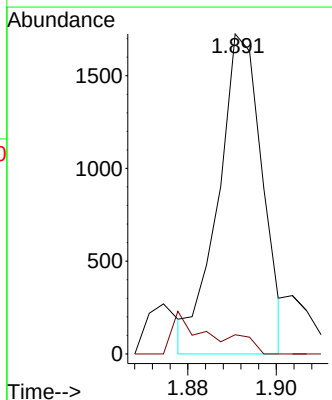
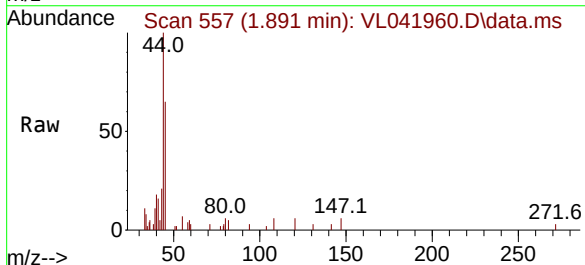
Instrument :
MSVOA_L
ClientSampleId :

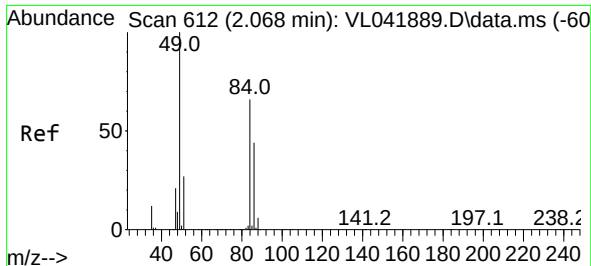
Tgt Ion: 39 Resp: 390
Ion Ratio Lower Upper
39 100
54 31.0 61.6 92.4#



#19
Isopropyl Alcohol
Concen: 0.111 ppbv
RT: 1.891 min Scan# 557
Delta R.T. 0.000 min
Lab File: VL041960.D
Acq: 03 Feb 2025 12:05

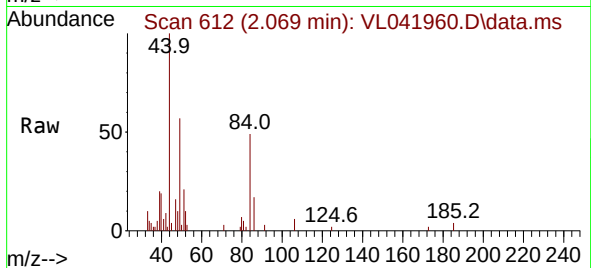
Tgt Ion: 45 Resp: 1191
Ion Ratio Lower Upper
45 100
58 0.0 35.0 52.6#



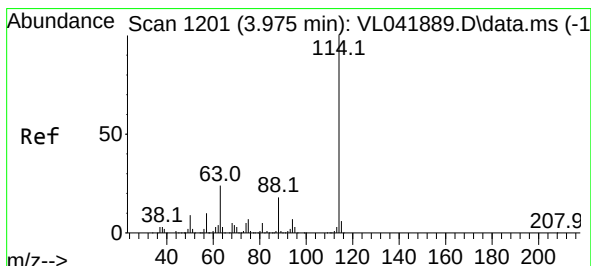
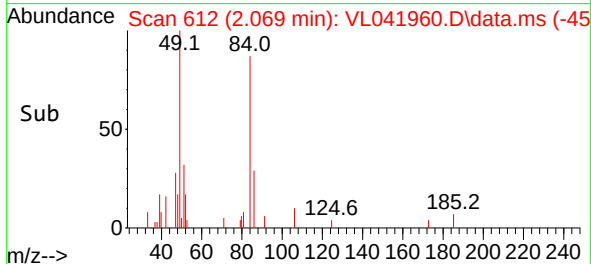
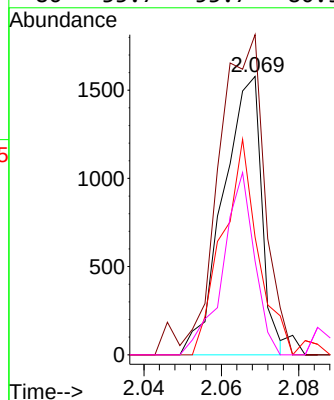


#20
Methylene Chloride
Concen: 0.152 ppbv
RT: 2.069 min Scan# 61
Delta R.T. 0.000 min
Lab File: VL041960.D
Acq: 03 Feb 2025 12:05

Instrument :
MSVOA_L
ClientSampleId :

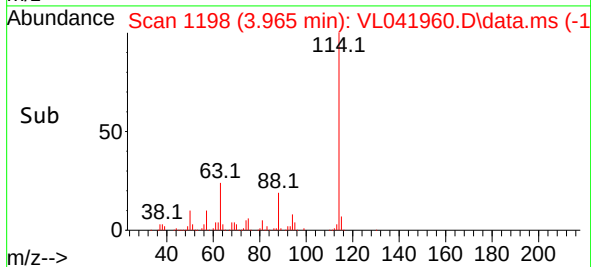
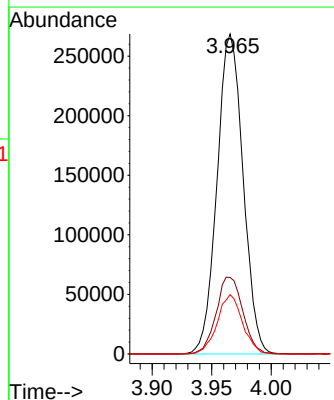
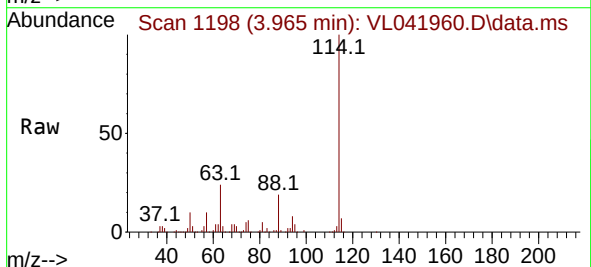


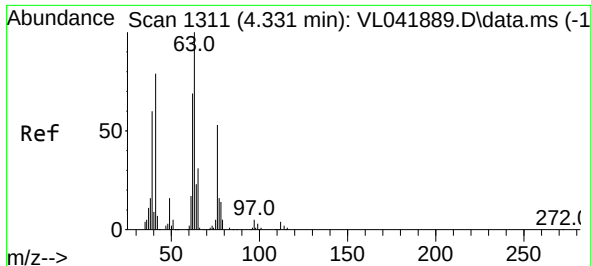
Tgt Ion: 84 Resp: 1090
Ion Ratio Lower Upper
84 100
49 111.7 123.1 184.7#
51 42.3 35.8 53.8
86 33.7 53.7 80.5#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.965 min Scan# 1198
Delta R.T. -0.009 min
Lab File: VL041960.D
Acq: 03 Feb 2025 12:05

Tgt Ion: 114 Resp: 407814
Ion Ratio Lower Upper
114 100
63 24.6 19.8 29.6
88 18.0 14.4 21.6





#39

1,2-Dichloropropane

Concen: 7.652 ppbv

RT: 3.962 min Scan# 1197

Delta R.T. -0.369 min

Lab File: VL041960.D

Acq: 03 Feb 2025 12:05

Instrument :

MSVOA_L

ClientSampleId :

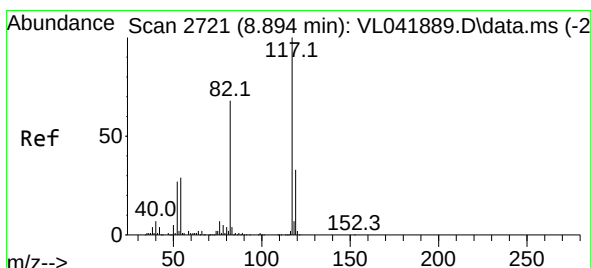
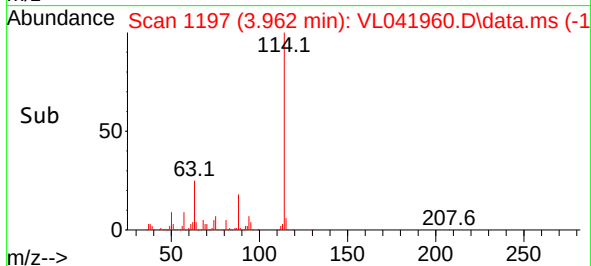
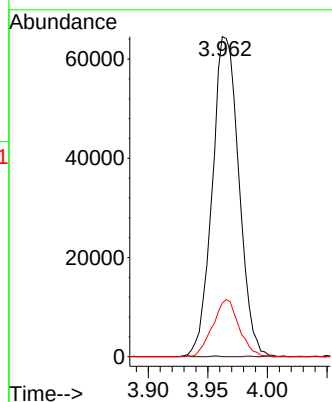
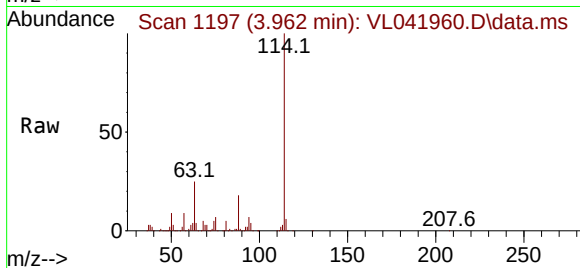
Tgt Ion: 63 Resp: 100393

Ion Ratio Lower Upper

63 100

41 0.0 63.7 95.5#

62 16.8 55.4 83.2#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.888 min Scan# 2719

Delta R.T. -0.006 min

Lab File: VL041960.D

Acq: 03 Feb 2025 12:05

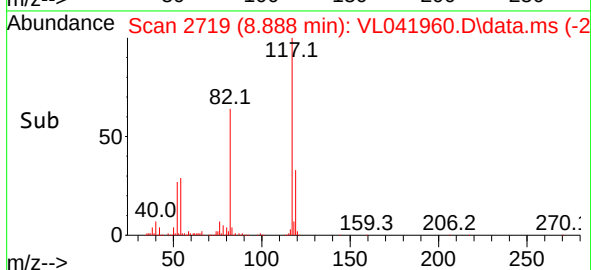
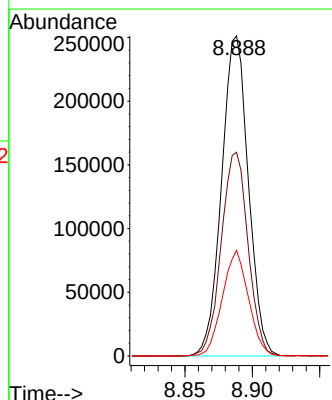
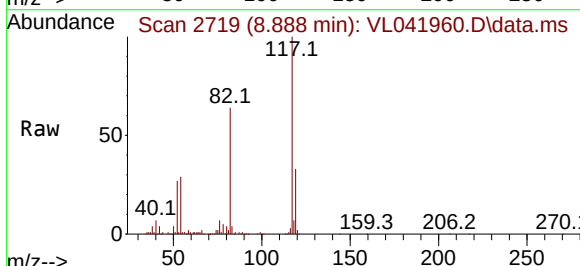
Tgt Ion: 117 Resp: 347345

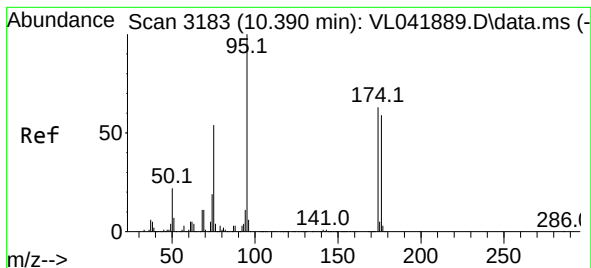
Ion Ratio Lower Upper

117 100

82 63.8 54.2 81.4

119 32.3 25.0 37.6





#68

1-Bromo-4-Fluorobenzene

Concen: 9.579 ppbv

RT: 10.380 min Scan# 31

Delta R.T. -0.009 min

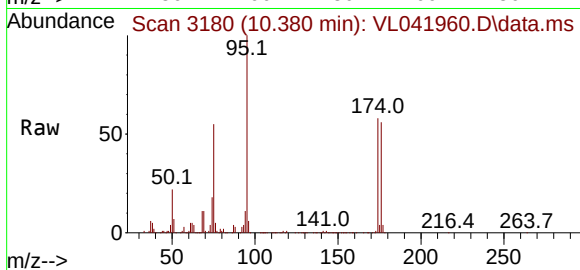
Lab File: VL041960.D

Acq: 03 Feb 2025 12:05

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 95 Resp: 262058

Ion Ratio Lower Upper

95 100

174 59.9 49.0 73.4

175 4.4 3.8 5.8

