

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031025\
 Data File : VL042119.D
 Acq On : 10 Mar 2025 11:54
 Operator : SY/MD
 Sample : QC030625 CAN 10418
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC030625 CAN 10418

Quant Time: Mar 11 01:23:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Feb 26 01:08:36 2025
 Response via : Initial Calibration

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

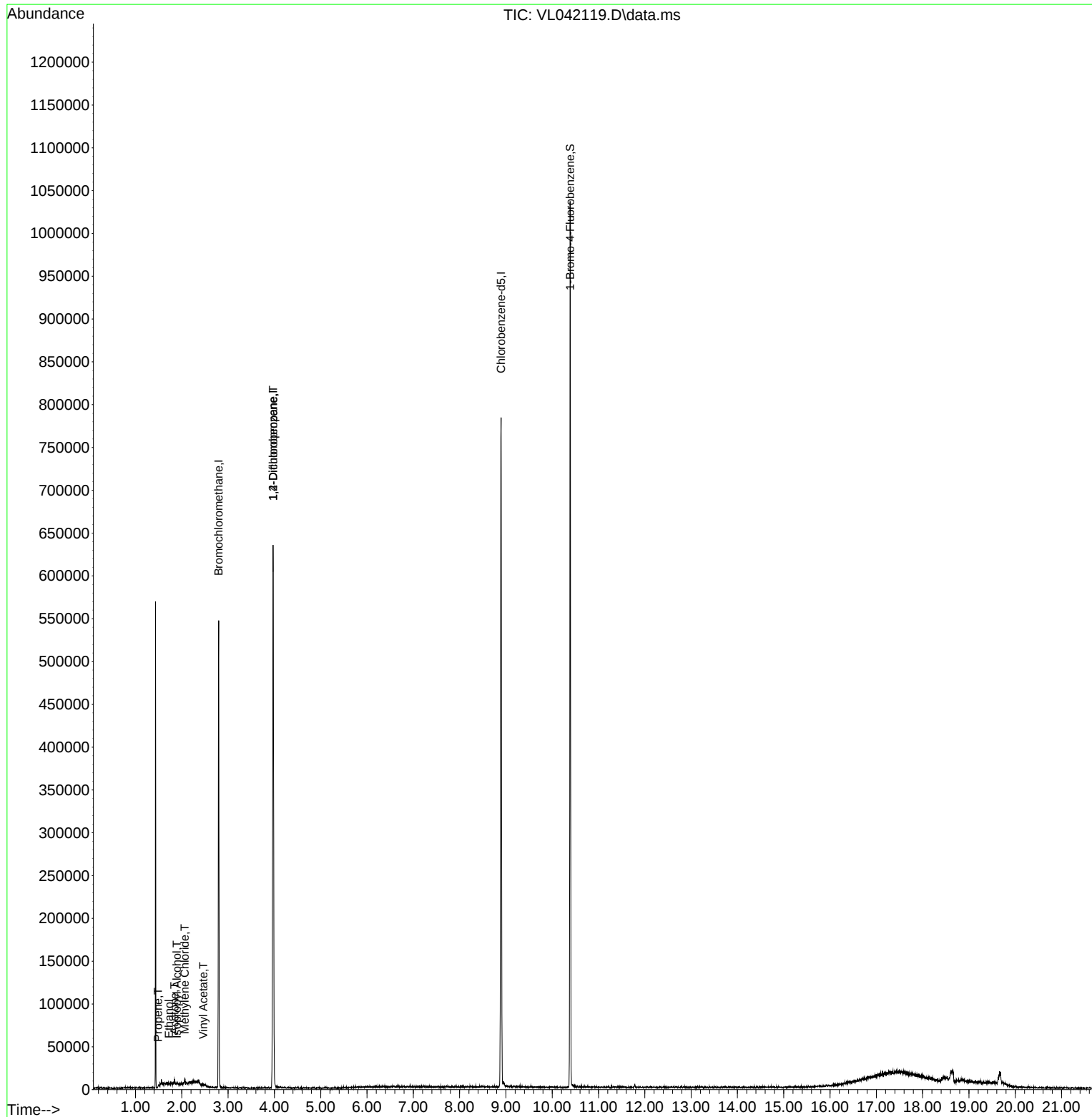
Internal Standards						
1) Bromochloromethane	2.797	49	159245	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.972	114	367576	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.894	117	314124	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.387	95	245563	10.161	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.600%
Target Compounds						
					Qvalue	
9) Propene	1.486	41	307	0.033	ppbv	85
13) Ethanol	1.722	45	187	0.312	ppbv #	33
15) Acetone	1.842	43	1974	0.140	ppbv #	69
19) Isopropyl Alcohol	1.894	45	651	0.081	ppbv #	32
20) Methylene Chloride	2.065	84	1099	0.207	ppbv	93
23) Vinyl Acetate	2.463	43	342	0.035	ppbv #	1
39) 1,2-Dichloropropane	3.972	63	94380	6.462	ppbv #	22

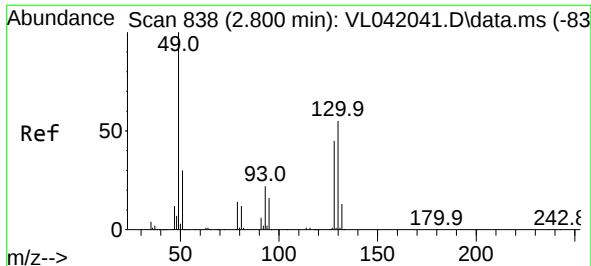
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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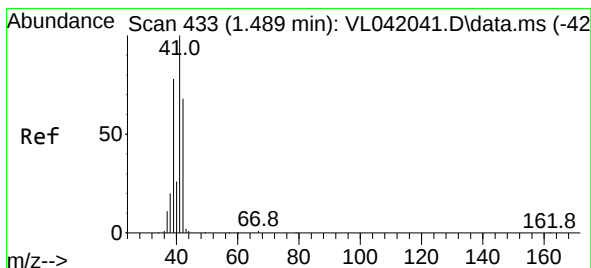
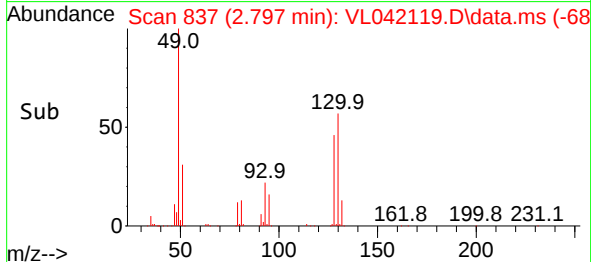
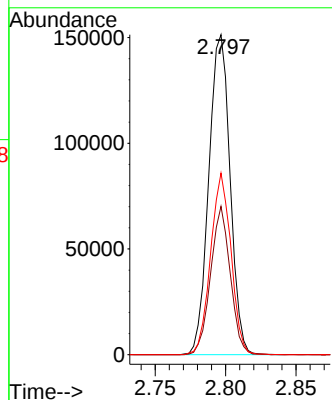
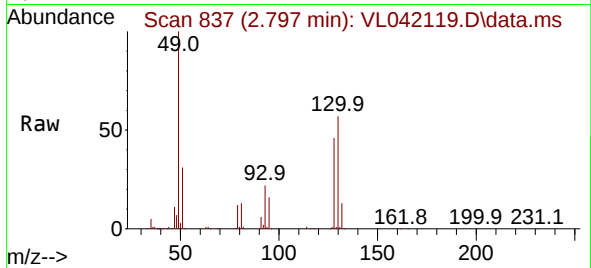




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.797 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL042119.D
Acq: 10 Mar 2025 11:54

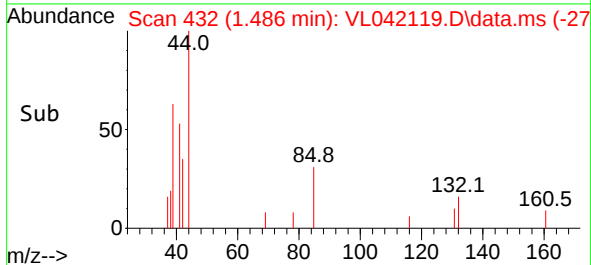
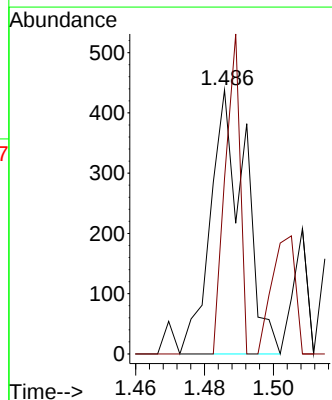
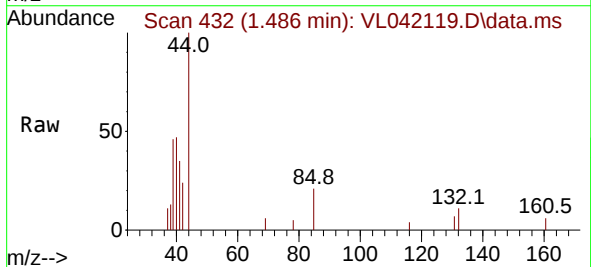
Instrument :
MSVOA_L
ClientSampleId :
QC030625 CAN 10418

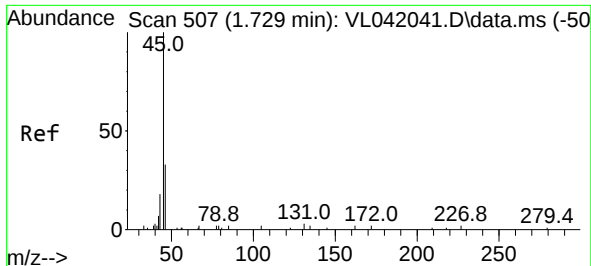
Tgt Ion: 49 Resp: 159245
Ion Ratio Lower Upper
49 100
128 42.7 21.6 64.8
130 54.3 27.8 83.4



#9
Propene
Concen: 0.033 ppbv
RT: 1.486 min Scan# 432
Delta R.T. -0.003 min
Lab File: VL042119.D
Acq: 10 Mar 2025 11:54

Tgt Ion: 41 Resp: 307
Ion Ratio Lower Upper
41 100
42 82.1 55.8 83.6

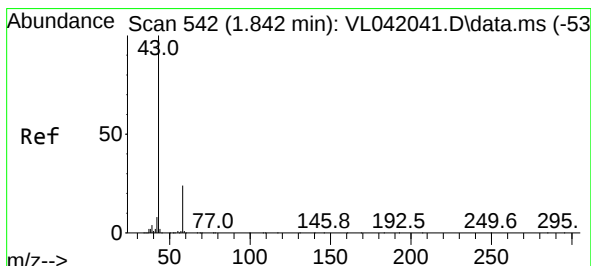
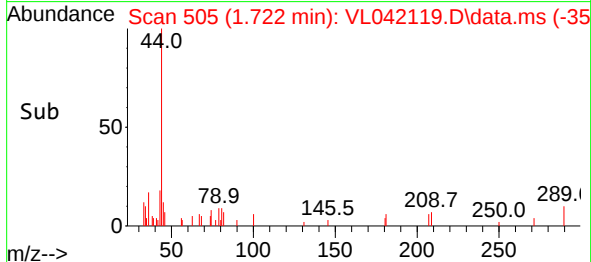
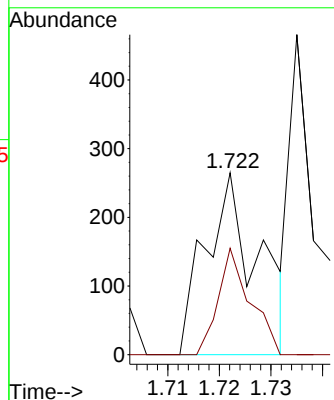
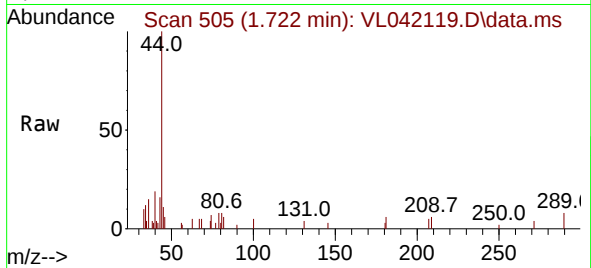




#13
Ethanol
Concen: 0.312 ppbv
RT: 1.722 min Scan# 507
Delta R.T. -0.007 min
Lab File: VL042119.D
Acq: 10 Mar 2025 11:54

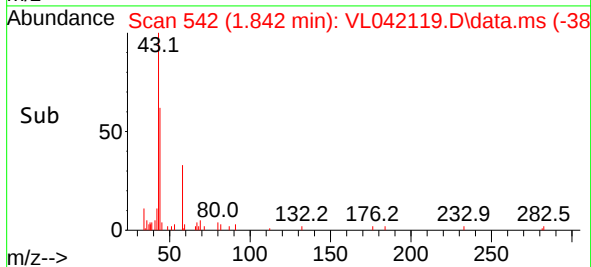
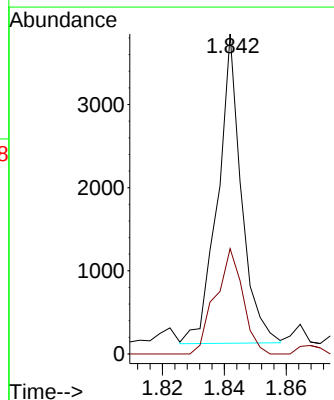
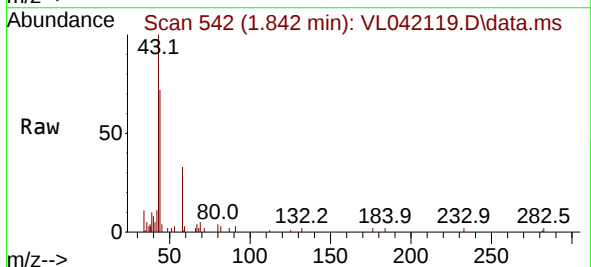
Instrument :
MSVOA_L
ClientSampleId :
QC030625 CAN 10418

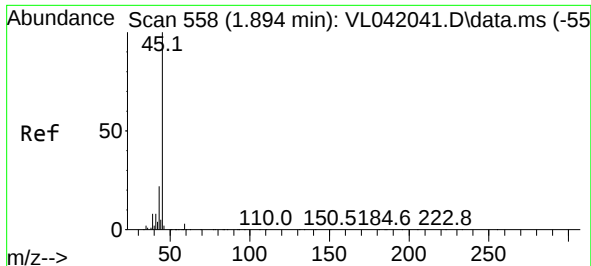
Tgt Ion: 45 Resp: 187
Ion Ratio Lower Upper
45 100
46 0.0 17.1 68.3#



#15
Acetone
Concen: 0.140 ppbv
RT: 1.842 min Scan# 542
Delta R.T. -0.000 min
Lab File: VL042119.D
Acq: 10 Mar 2025 11:54

Tgt Ion: 43 Resp: 1974
Ion Ratio Lower Upper
43 100
58 41.9 20.7 31.1#

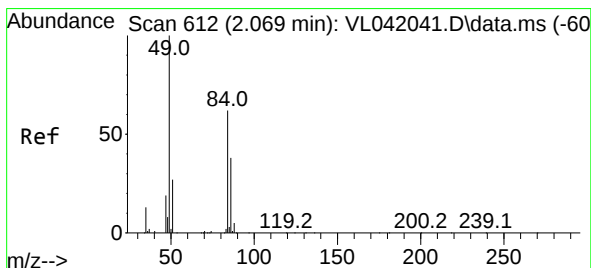
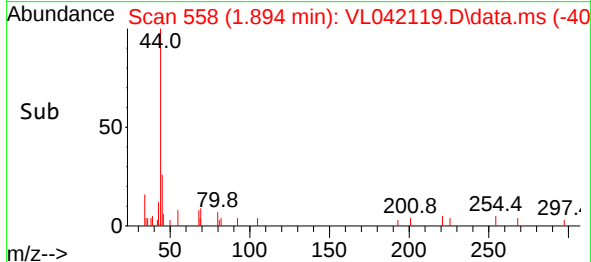
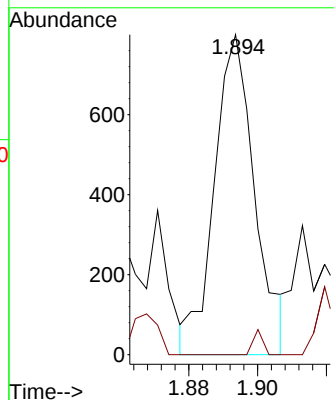
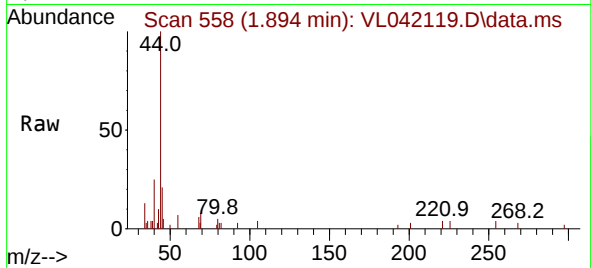




#19
Isopropyl Alcohol
Concen: 0.081 ppbv
RT: 1.894 min Scan# 511
Delta R.T. -0.000 min
Lab File: VL042119.D
Acq: 10 Mar 2025 11:54

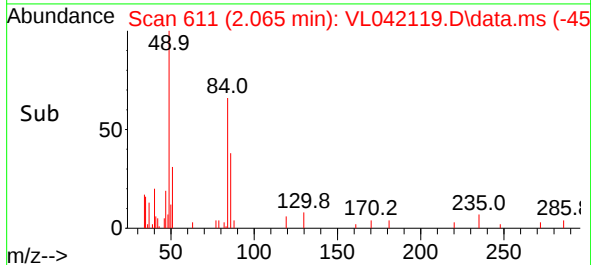
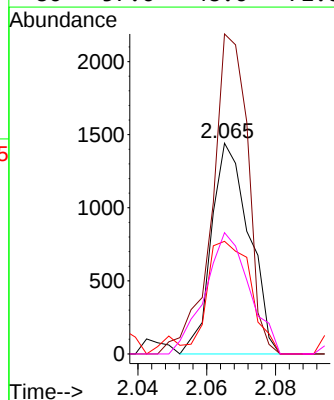
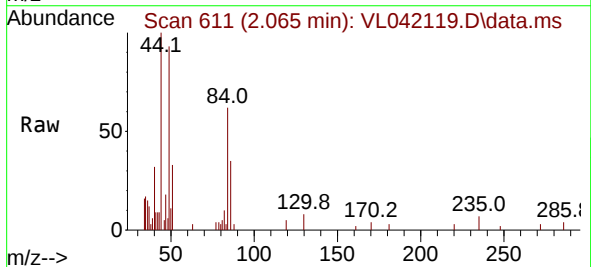
Instrument :
MSVOA_L
ClientSampleId :
QC030625 CAN 10418

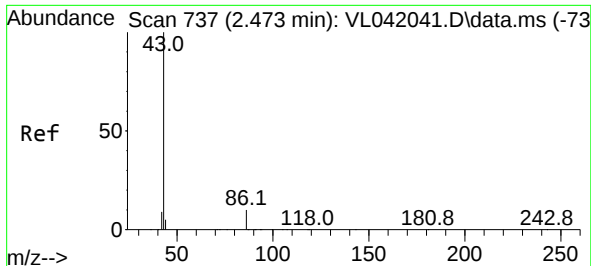
Tgt Ion: 45 Resp: 651
Ion Ratio Lower Upper
45 100
58 0.0 35.3 52.9#



#20
Methylene Chloride
Concen: 0.207 ppbv
RT: 2.065 min Scan# 611
Delta R.T. -0.003 min
Lab File: VL042119.D
Acq: 10 Mar 2025 11:54

Tgt Ion: 84 Resp: 1099
Ion Ratio Lower Upper
84 100
49 151.9 130.0 195.0
51 53.4 37.4 56.0
86 57.6 48.6 72.8

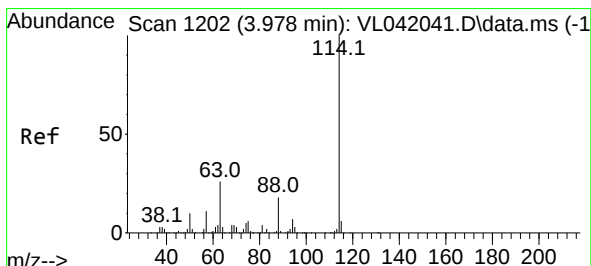
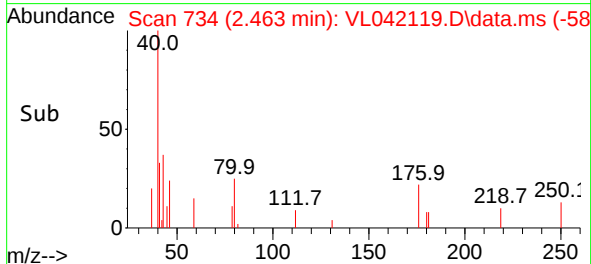
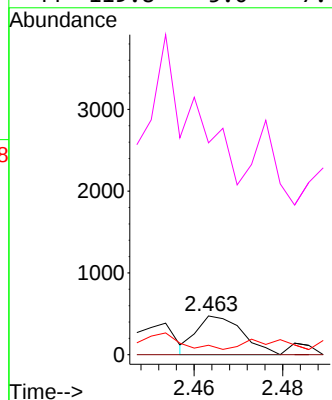
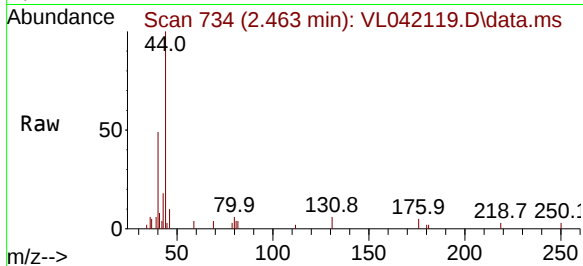




#23
 Vinyl Acetate
 Concen: 0.035 ppbv
 RT: 2.463 min Scan# 71
 Delta R.T. -0.010 min
 Lab File: VL042119.D
 Acq: 10 Mar 2025 11:54

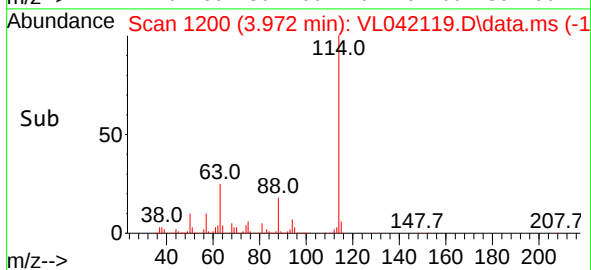
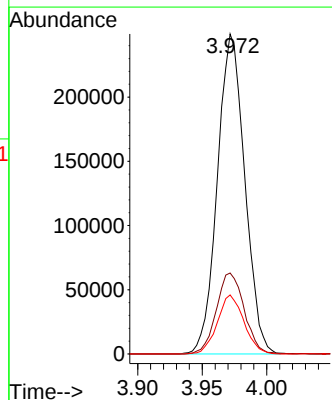
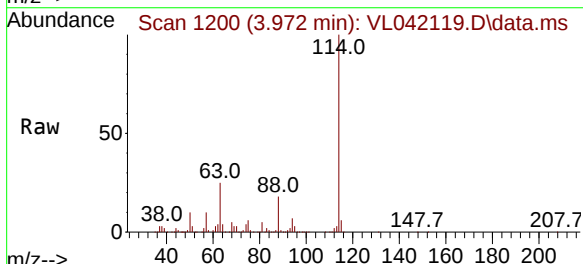
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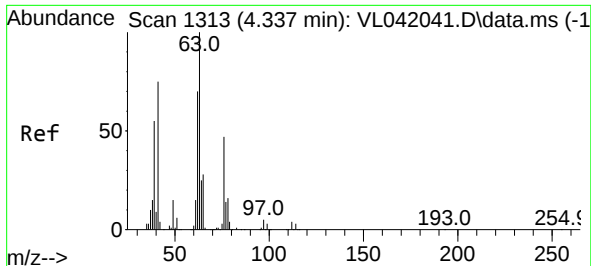
Tgt Ion:	43	Resp:	342
Ion	Ratio	Lower	Upper
43	100		
86	0.0	7.0	10.4#
42	94.3	7.6	11.4#
44	119.8	5.0	7.4#



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 3.972 min Scan# 1200
 Delta R.T. -0.007 min
 Lab File: VL042119.D
 Acq: 10 Mar 2025 11:54

Tgt Ion:	114	Resp:	367576
Ion	Ratio	Lower	Upper
114	100		
63	25.8	20.1	30.1
88	17.8	14.3	21.5





#39

1,2-Dichloropropane

Concen: 6.462 ppbv

RT: 3.972 min Scan# 11

Delta R.T. -0.366 min

Lab File: VL042119.D

Acq: 10 Mar 2025 11:54

Instrument :

MSVOA_L

ClientSampleId :

QC030625 CAN 10418

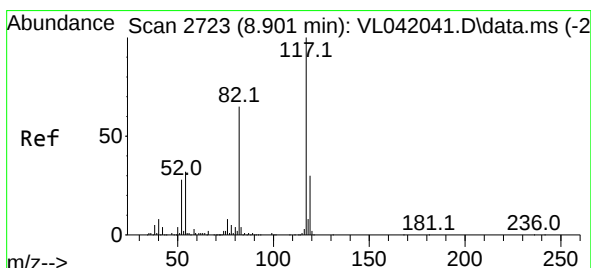
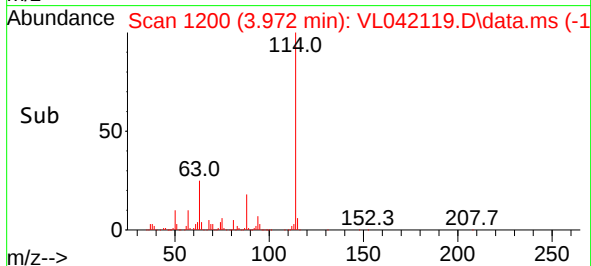
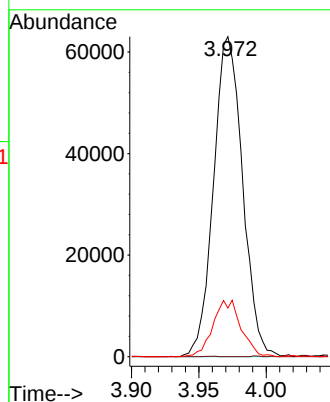
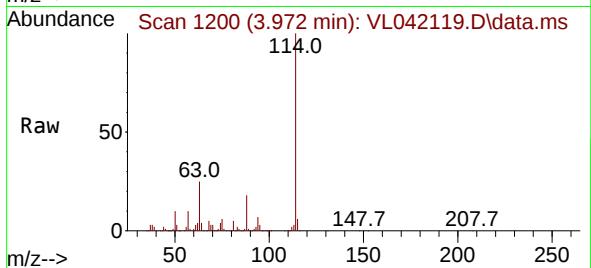
Tgt Ion: 63 Resp: 94380

Ion Ratio Lower Upper

63 100

41 0.0 60.1 90.1#

62 15.2 55.8 83.8#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.894 min Scan# 2721

Delta R.T. -0.007 min

Lab File: VL042119.D

Acq: 10 Mar 2025 11:54

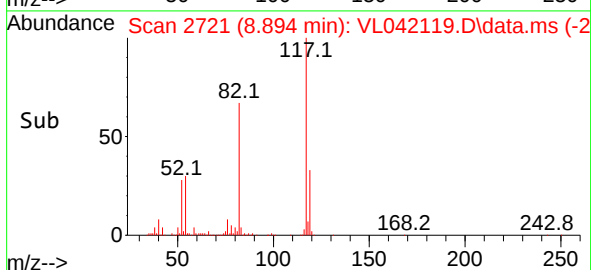
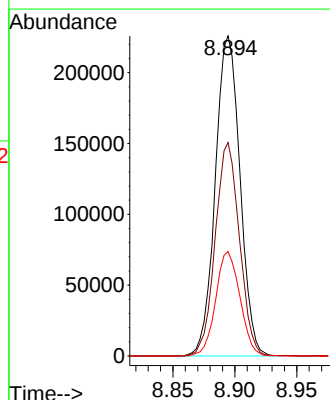
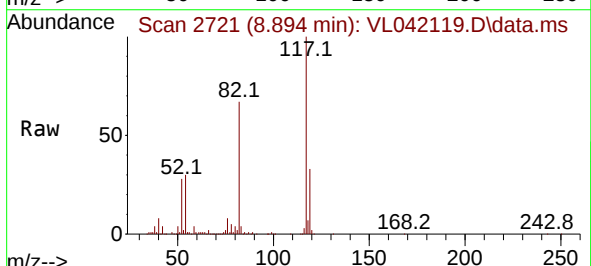
Tgt Ion: 117 Resp: 314124

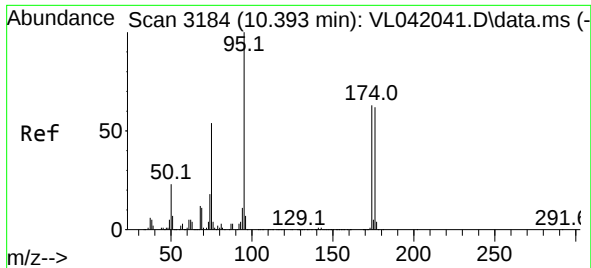
Ion Ratio Lower Upper

117 100

82 65.3 55.0 82.6

119 32.1 25.9 38.9





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.161 ppbv
 RT: 10.387 min Scan# 31
 Delta R.T. -0.007 min
 Lab File: VL042119.D
 Acq: 10 Mar 2025 11:54

Instrument :
 MSVOA_L
 ClientSampleId :
 QC030625 CAN 10418

Tgt Ion: 95 Resp: 245563

Ion	Ratio	Lower	Upper
95	100		
174	62.8	51.8	77.6
175	4.5	3.9	5.9

