

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031025\
 Data File : VL042118.D
 Acq On : 10 Mar 2025 11:23
 Operator : SY/MD
 Sample : QC030525 CAN 10742
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC030525 CAN 10742

Quant Time: Mar 11 01:22:53 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

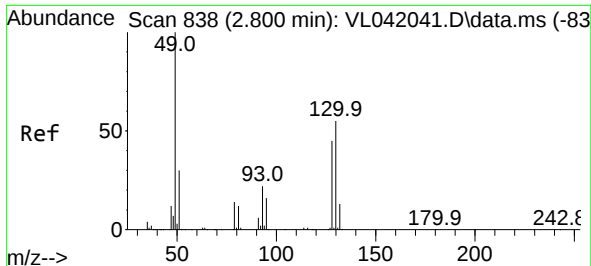
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	2.793	49	164240	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.968	114	387693	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.894	117	330576	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.386	95	250664	9.856	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.600%
Target Compounds						
					Qvalue	
6) Bromomethane	1.673	94	112	0.039	ppbv #	2
9) Propene	1.486	41	347	0.036	ppbv #	1
13) Ethanol	1.712	45	160	0.259	ppbv #	33
15) Acetone	1.842	43	2380	0.164	ppbv #	90
16) 1,3-Butadiene	1.605	39	256	0.038	ppbv #	12
19) Isopropyl Alcohol	1.890	45	271	0.033	ppbv #	64
20) Methylene Chloride	2.062	84	1216	0.222	ppbv #	58
39) 1,2-Dichloropropane	3.968	63	98494	6.394	ppbv #	23
66) Benzyl Chloride	11.539	91	302	0.060	ppbv #	82
80) Naphthalene,2-methyl-	14.468	142	356	0.033	ppbv #	69

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

Quant Time: Mar 11 01:22:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Wed Feb 26 01:08:36 2025
Response via : Initial Calibration

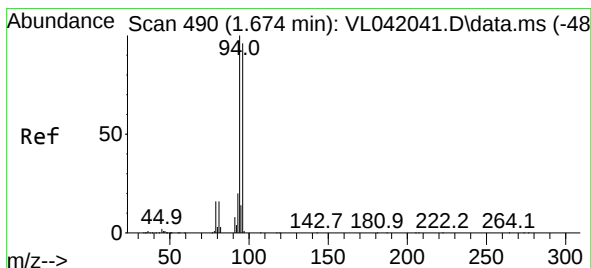
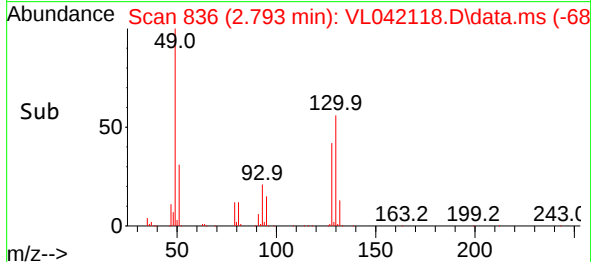
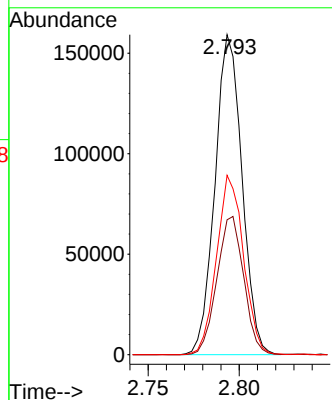
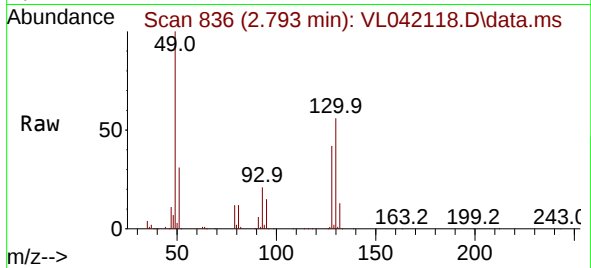




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.793 min Scan# 81
Delta R.T. -0.007 min
Lab File: VL042118.D
Acq: 10 Mar 2025 11:23

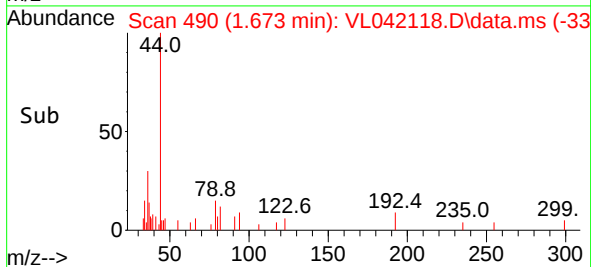
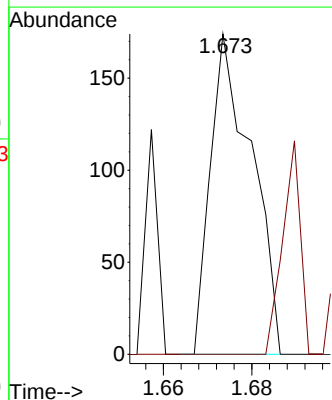
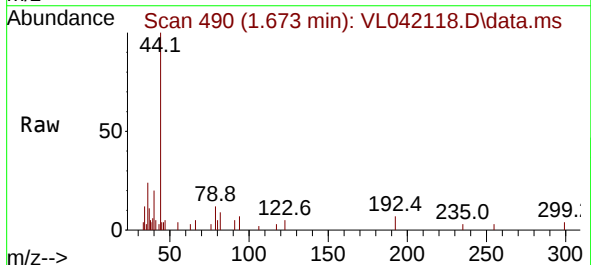
Instrument :
MSVOA_L
ClientSampleId :
QC030525 CAN 10742

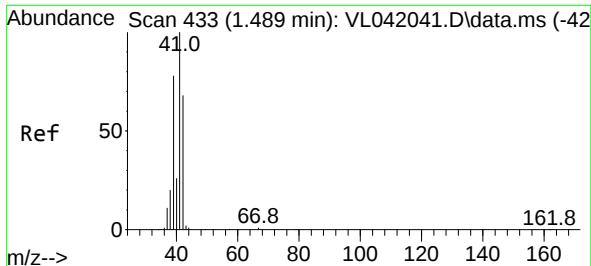
Tgt Ion: 49 Resp: 164240
Ion Ratio Lower Upper
49 100
128 42.9 21.6 64.8
130 55.9 27.8 83.4



#6
Bromomethane
Concen: 0.039 ppbv
RT: 1.673 min Scan# 490
Delta R.T. -0.000 min
Lab File: VL042118.D
Acq: 10 Mar 2025 11:23

Tgt Ion: 94 Resp: 112
Ion Ratio Lower Upper
94 100
96 0.0 76.5 114.7#





#9

Propene

Concen: 0.036 ppbv

RT: 1.486 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL042118.D

Acq: 10 Mar 2025 11:23

Instrument :

MSVOA_L

ClientSampleId :

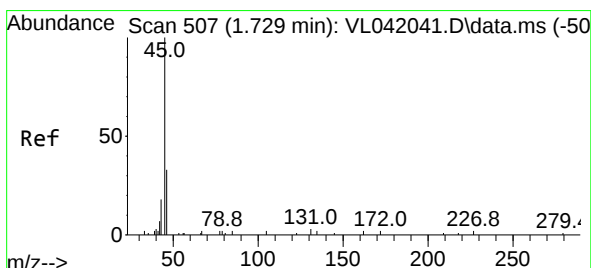
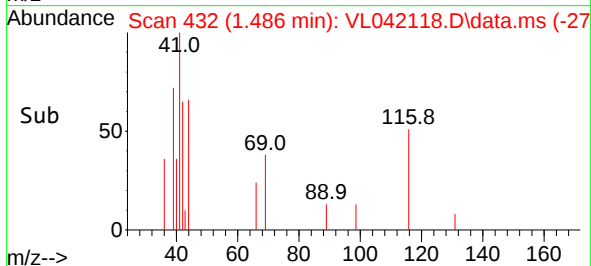
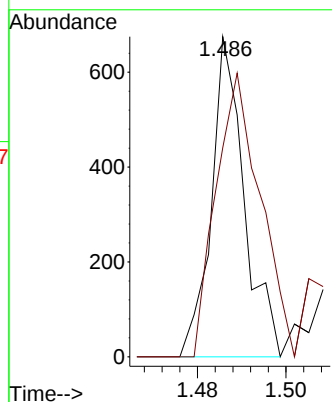
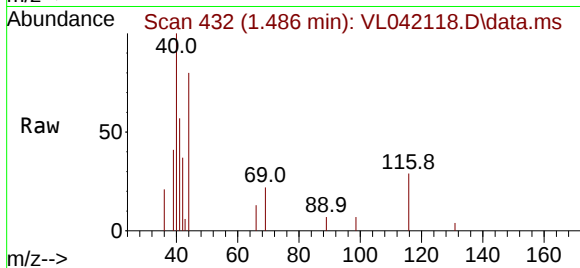
QC030525 CAN 10742

Tgt Ion: 41 Resp: 347

Ion Ratio Lower Upper

41 100

42 158.8 55.8 83.6#



#13

Ethanol

Concen: 0.259 ppbv

RT: 1.712 min Scan# 502

Delta R.T. -0.016 min

Lab File: VL042118.D

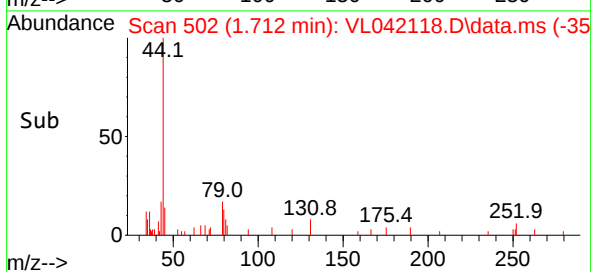
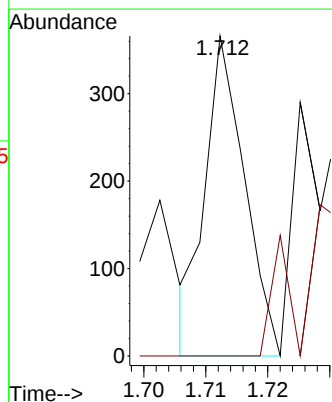
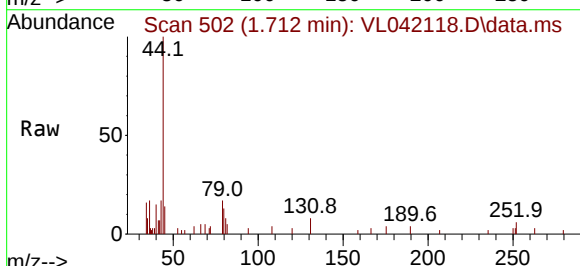
Acq: 10 Mar 2025 11:23

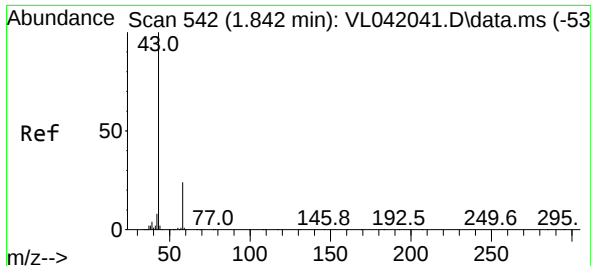
Tgt Ion: 45 Resp: 160

Ion Ratio Lower Upper

45 100

46 0.0 17.1 68.3#

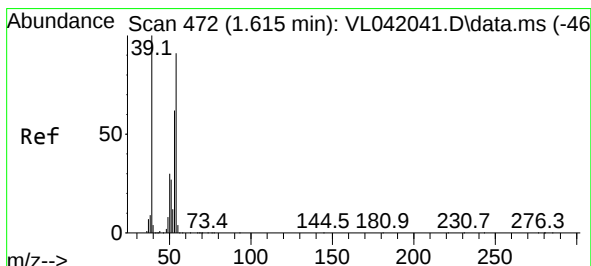
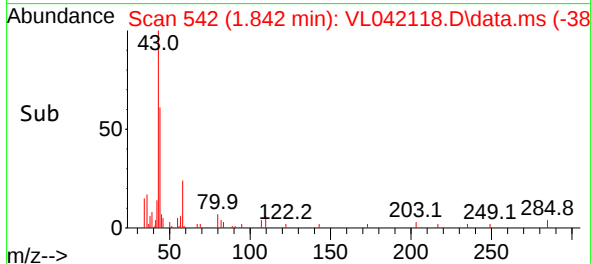
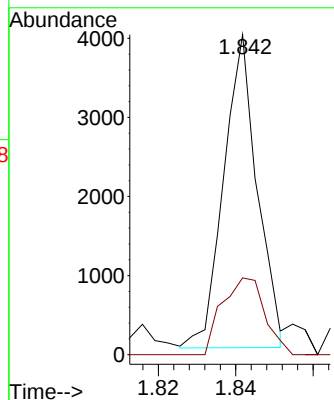
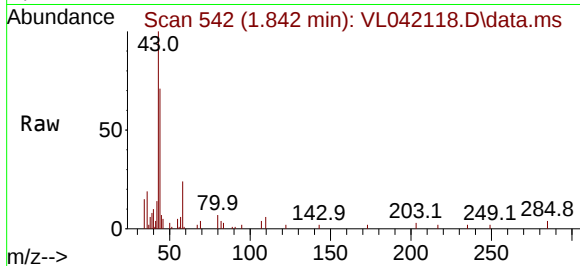




#15
Acetone
Concen: 0.164 ppbv
RT: 1.842 min Scan# 541
Delta R.T. -0.000 min
Lab File: VL042118.D
Acq: 10 Mar 2025 11:23

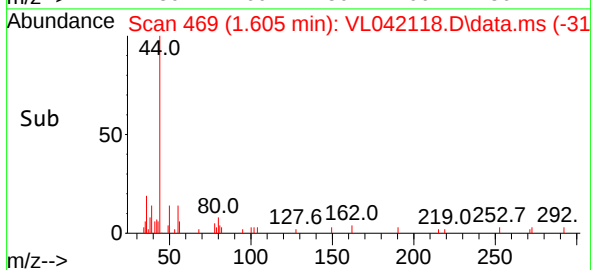
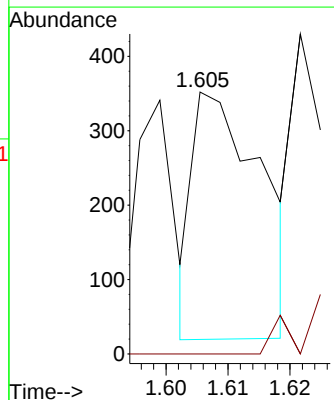
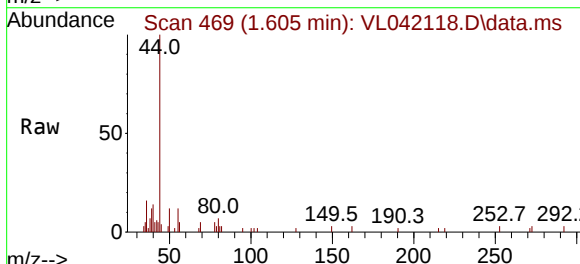
Instrument :
MSVOA_L
ClientSampleId :
QC030525 CAN 10742

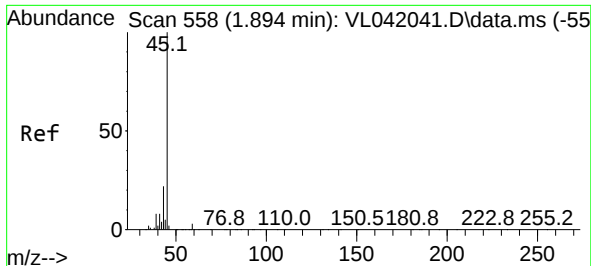
Tgt Ion: 43 Resp: 2380
Ion Ratio Lower Upper
43 100
58 31.2 20.7 31.1#



#16
1,3-Butadiene
Concen: 0.038 ppbv
RT: 1.605 min Scan# 469
Delta R.T. -0.010 min
Lab File: VL042118.D
Acq: 10 Mar 2025 11:23

Tgt Ion: 39 Resp: 256
Ion Ratio Lower Upper
39 100
54 0.0 59.6 89.4#

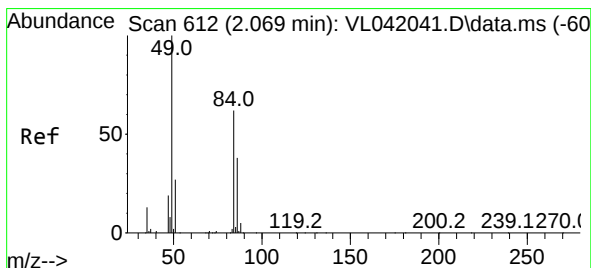
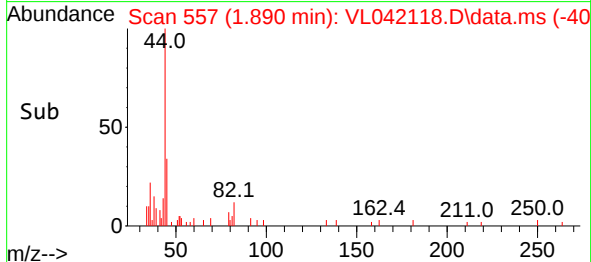
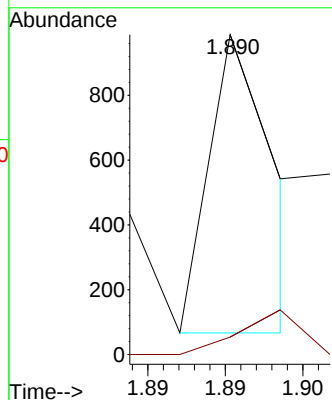
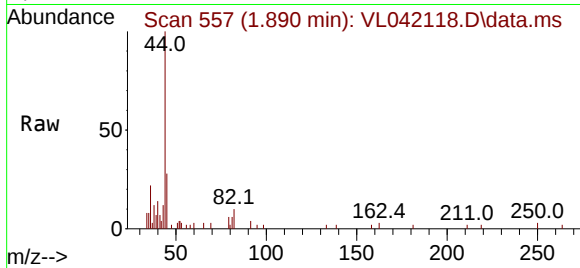




#19
Isopropyl Alcohol
Concen: 0.033 ppbv
RT: 1.890 min Scan# 51
Delta R.T. -0.003 min
Lab File: VL042118.D
Acq: 10 Mar 2025 11:23

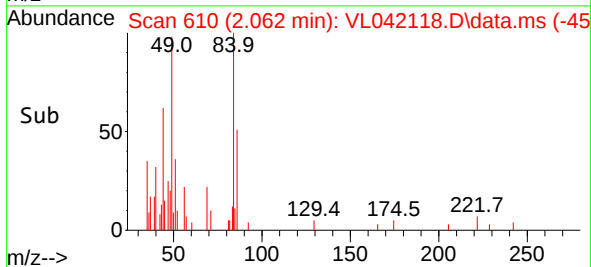
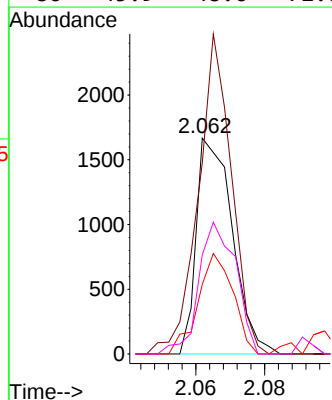
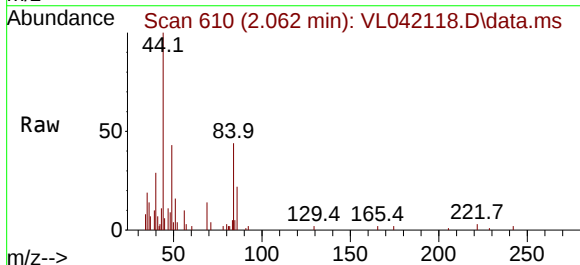
Instrument :
MSVOA_L
ClientSampleId :
QC030525 CAN 10742

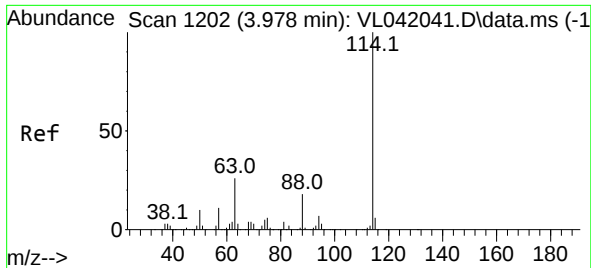
Tgt Ion: 45 Resp: 271
Ion Ratio Lower Upper
45 100
58 20.7 35.3 52.9#



#20
Methylene Chloride
Concen: 0.222 ppbv
RT: 2.062 min Scan# 610
Delta R.T. -0.007 min
Lab File: VL042118.D
Acq: 10 Mar 2025 11:23

Tgt Ion: 84 Resp: 1216
Ion Ratio Lower Upper
84 100
49 88.5 130.0 195.0#
51 28.8 37.4 56.0#
86 45.9 48.6 72.8#

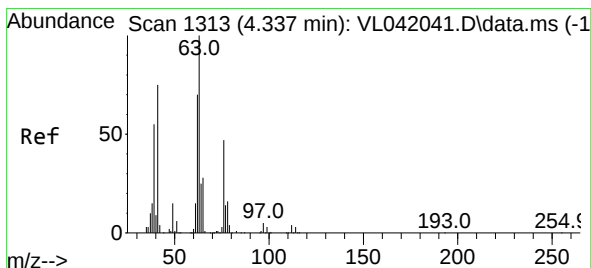
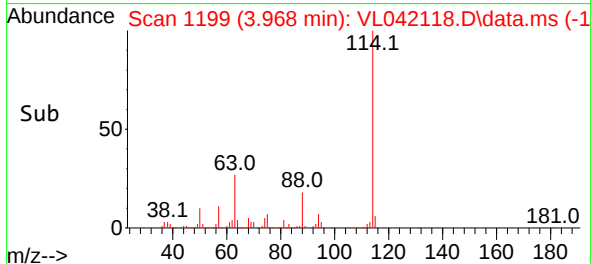
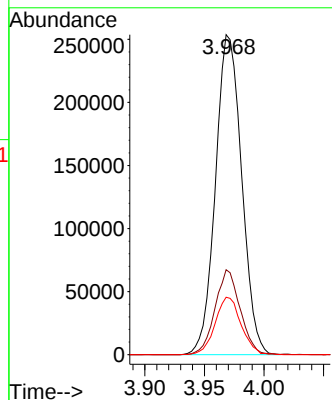
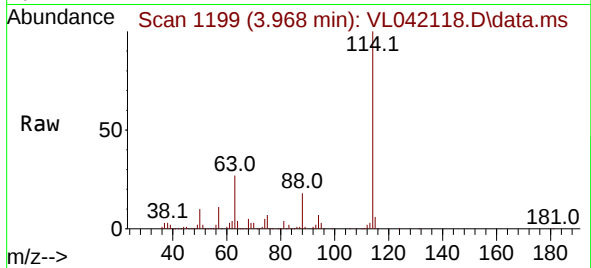




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 3.968 min Scan# 1199
 Delta R.T. -0.010 min
 Lab File: VL042118.D
 Acq: 10 Mar 2025 11:23

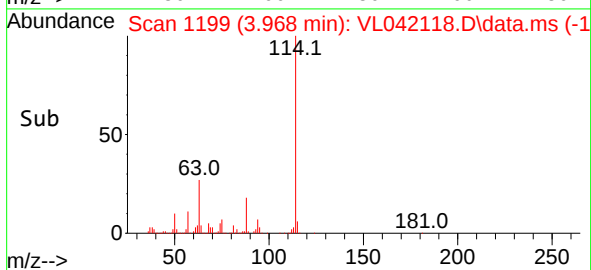
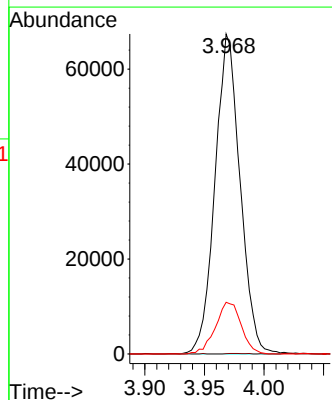
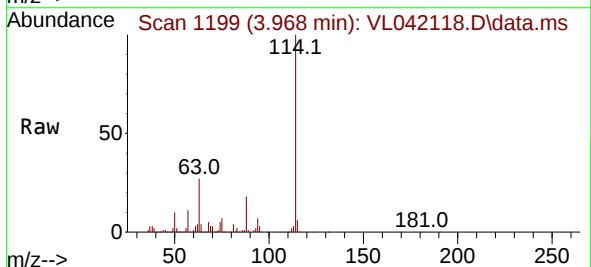
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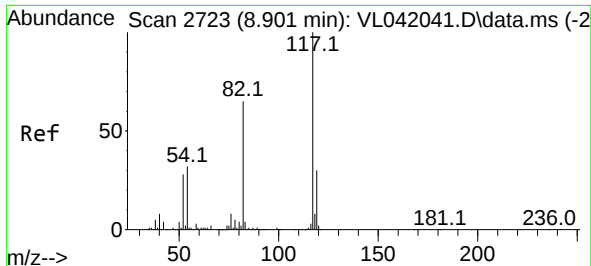
Tgt Ion:	114	Resp:	387693
Ion	Ratio	Lower	Upper
114	100		
63	25.5	20.1	30.1
88	17.8	14.3	21.5



#39
 1,2-Dichloropropane
 Concen: 6.394 ppbv
 RT: 3.968 min Scan# 1199
 Delta R.T. -0.369 min
 Lab File: VL042118.D
 Acq: 10 Mar 2025 11:23

Tgt Ion:	63	Resp:	98494
Ion	Ratio	Lower	Upper
63	100		
41	0.1	60.1	90.1#
62	16.2	55.8	83.8#

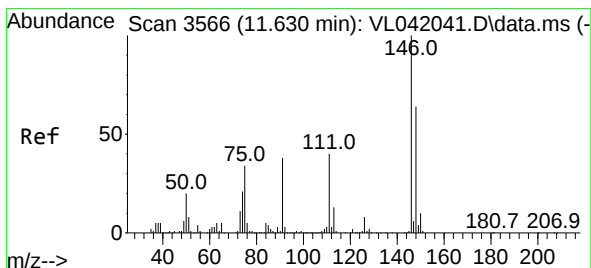
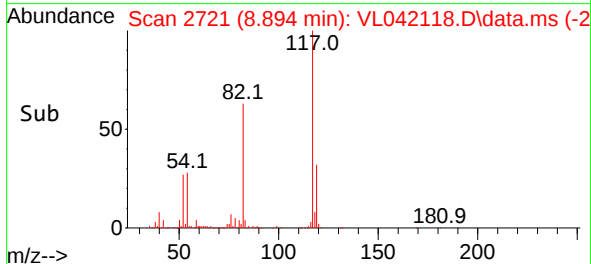
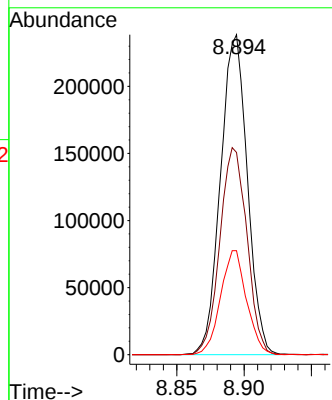
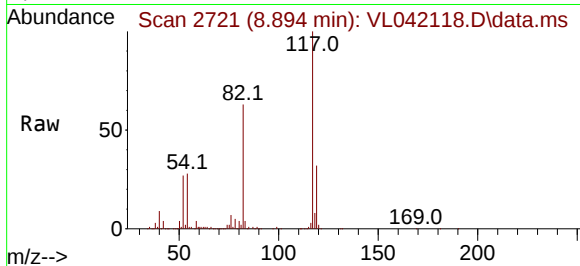




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.894 min Scan# 21
Delta R.T. -0.007 min
Lab File: VL042118.D
Acq: 10 Mar 2025 11:23

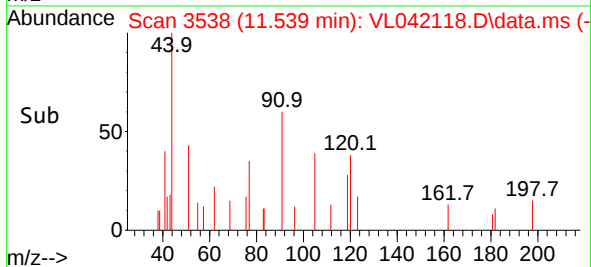
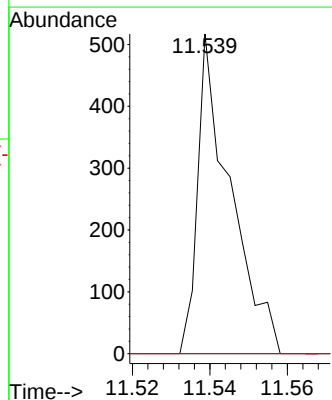
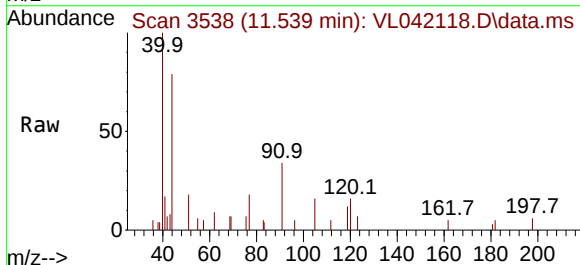
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QC030525 CAN 10742

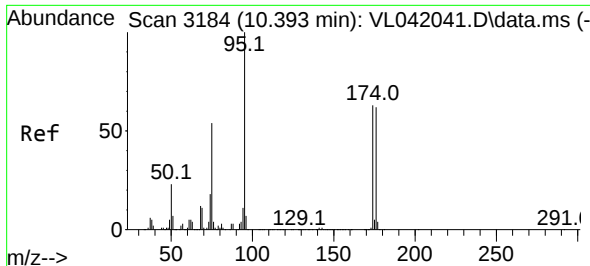
Tgt Ion:117 Resp: 330576
Ion Ratio Lower Upper
117 100
82 65.2 55.0 82.6
119 31.6 25.9 38.9



#66
Benzyl Chloride
Concen: 0.060 ppbv
RT: 11.539 min Scan# 3538
Delta R.T. -0.091 min
Lab File: VL042118.D
Acq: 10 Mar 2025 11:23

Tgt Ion: 91 Resp: 302
Ion Ratio Lower Upper
91 100
126 10.6 14.5 21.7#
128 0.0 5.4 8.2#

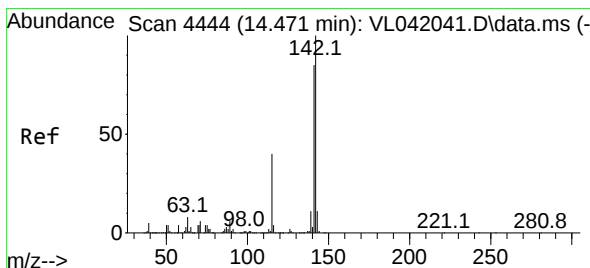
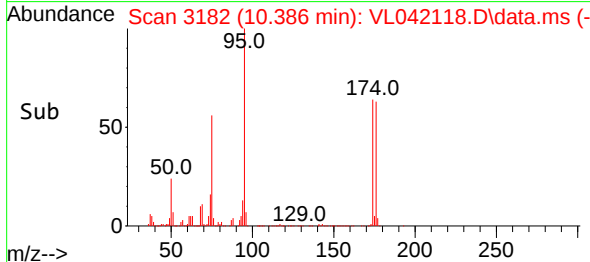
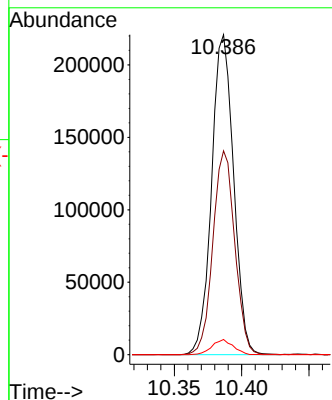
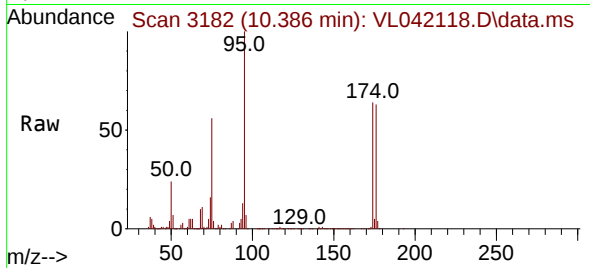




#68
1-Bromo-4-Fluorobenzene
Concen: 9.856 ppbv
RT: 10.386 min Scan# 3184
Delta R.T. -0.007 min
Lab File: VL042118.D
Acq: 10 Mar 2025 11:23

Instrument :
MSVOA_L
ClientSampleId :
QC030525 CAN 10742

Tgt Ion: 95 Resp: 250664
Ion Ratio Lower Upper
95 100
174 63.5 51.8 77.6
175 4.6 3.9 5.9



#80
Naphthalene,2-methyl-
Concen: 0.033 ppbv
RT: 14.468 min Scan# 4443
Delta R.T. -0.003 min
Lab File: VL042118.D
Acq: 10 Mar 2025 11:23

Tgt Ion:142 Resp: 356
Ion Ratio Lower Upper
142 100
141 59.3 65.8 98.6#
115 11.5 29.5 44.3#

