

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092325\
 Data File : VL042991.D
 Acq On : 23 Sep 2025 14:37
 Operator : SY/MD
 Sample : CAN 10743
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10743

Quant Time: Sep 24 02:08:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Sep 23 02:39:16 2025
 Response via : Initial Calibration

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

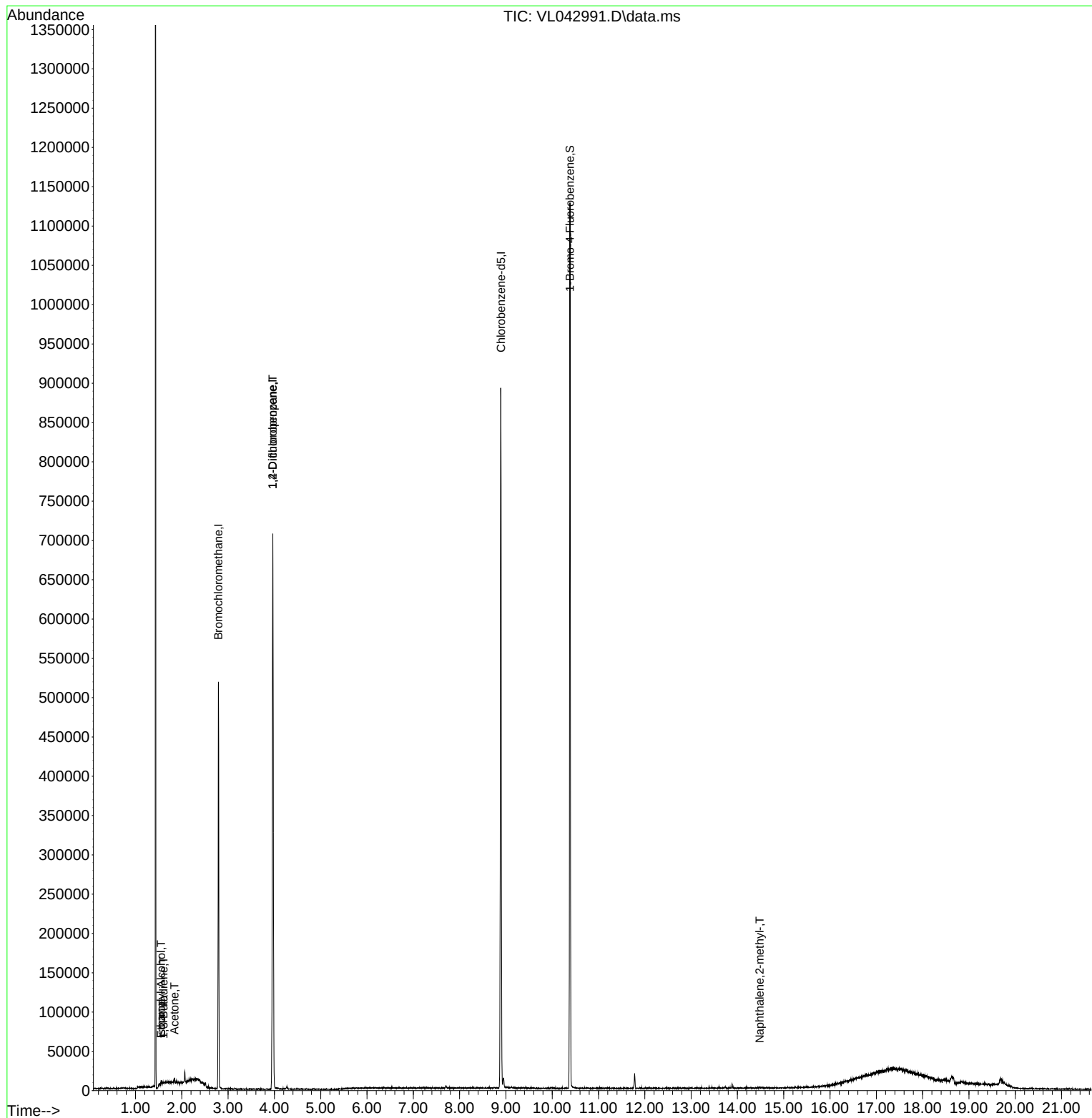
Internal Standards						
1) Bromochloromethane	2.790	49	150038	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	400893	10.000	ppbv	0.01
55) Chlorobenzene-d5	8.891	117	357176	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.383	95	279312	10.476	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.800%
Target Compounds						
					Qvalue	
13) Ethanol	1.554	45	379	0.357	ppbv #	35
15) Acetone	1.839	43	1947	0.100	ppbv #	51
16) 1,3-Butadiene	1.606	39	278	0.030	ppbv #	68
19) Isopropyl Alcohol	1.554	45	379	0.032	ppbv #	56
20) Methylene Chloride	2.065	84	2086	Below Cal	#	79
39) 1,2-Dichloropropane	3.965	63	105431	7.671	ppbv #	23
80) Naphthalene,2-methyl-	14.481	142	779	0.055	ppbv #	90

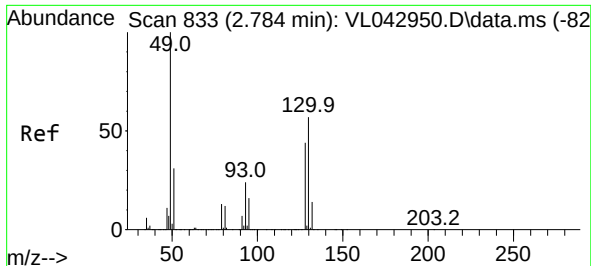
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092325\
Data File : VL042991.D
Acq On : 23 Sep 2025 14:37
Operator : SY/MD
Sample : CAN 10743
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
CAN 10743

Quant Time: Sep 24 02:08:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Tue Sep 23 02:39:16 2025
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 2.790 min Scan# 81

Delta R.T. 0.006 min

Lab File: VL042991.D

Acq: 23 Sep 2025 14:37

Instrument :

MSVOA_L

ClientSampleId :

CAN 10743

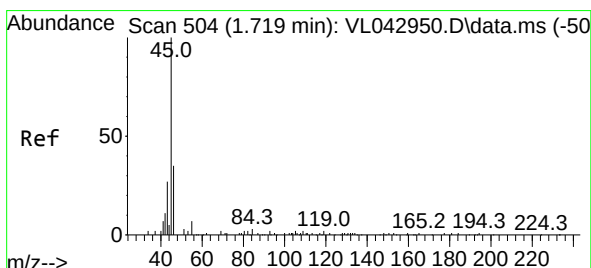
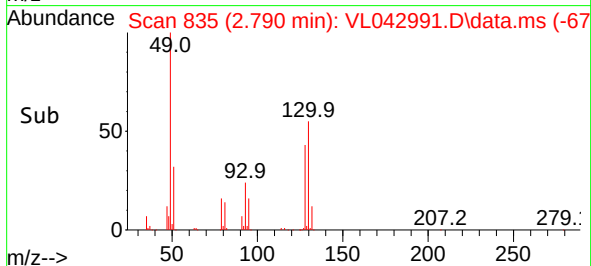
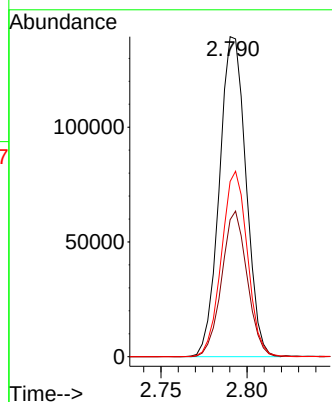
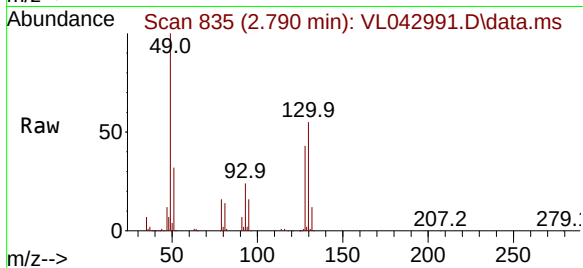
Tgt Ion: 49 Resp: 150038

Ion Ratio Lower Upper

49 100

128 43.6 22.9 68.8

130 56.5 29.1 87.3



#13

Ethanol

Concen: 0.357 ppbv

RT: 1.554 min Scan# 453

Delta R.T. -0.165 min

Lab File: VL042991.D

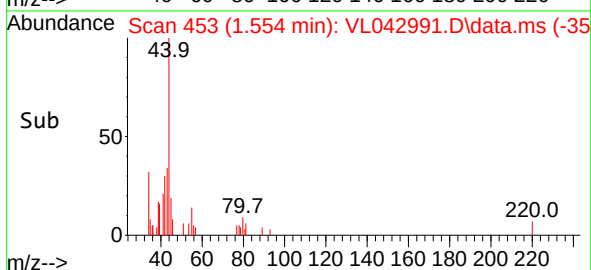
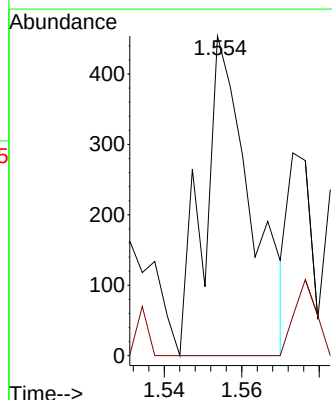
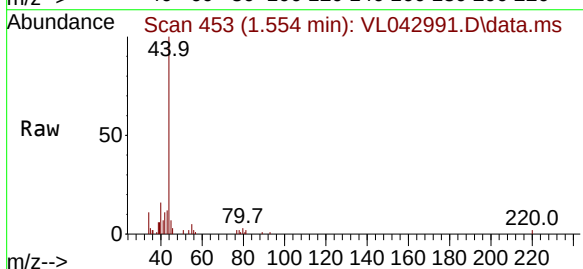
Acq: 23 Sep 2025 14:37

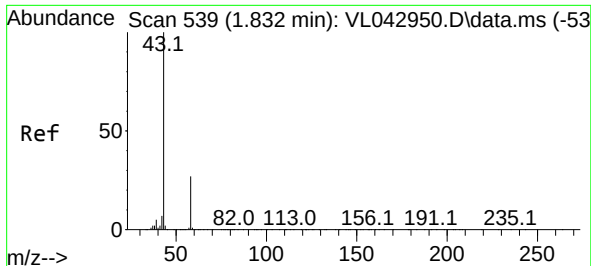
Tgt Ion: 45 Resp: 379

Ion Ratio Lower Upper

45 100

46 0.0 16.2 64.6#

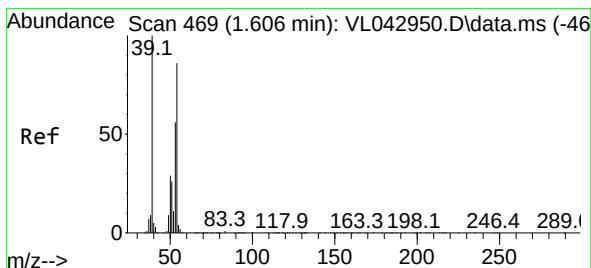
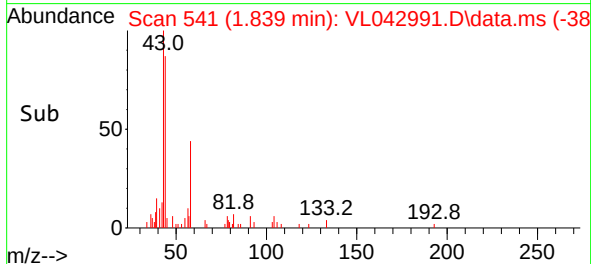
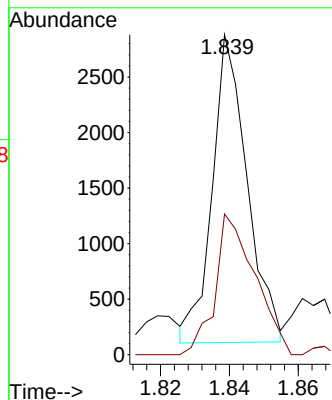
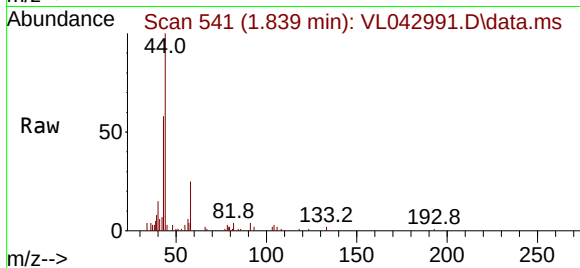




#15
Acetone
Concen: 0.100 ppbv
RT: 1.839 min Scan# 541
Delta R.T. 0.006 min
Lab File: VL042991.D
Acq: 23 Sep 2025 14:37

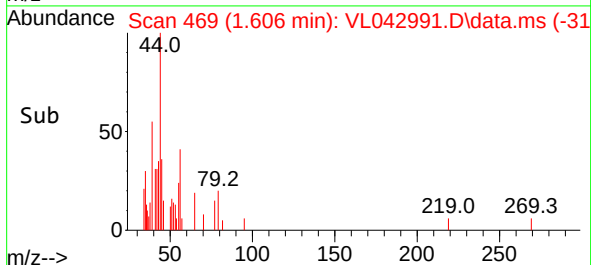
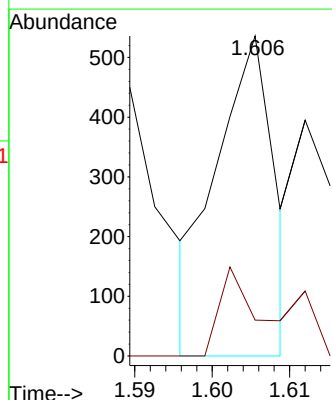
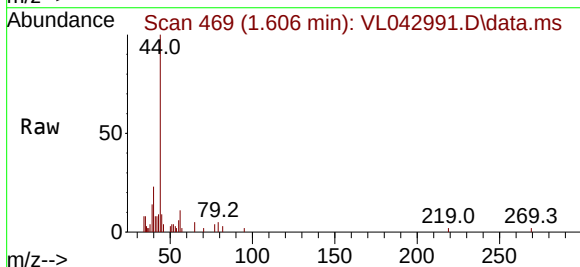
Instrument :
MSVOA_L
ClientSampleId :
CAN 10743

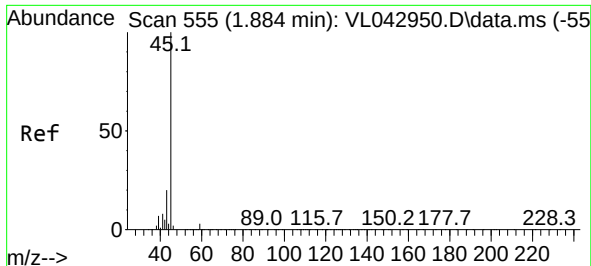
Tgt Ion: 43 Resp: 1947
Ion Ratio Lower Upper
43 100
58 53.6 22.3 33.5#



#16
1,3-Butadiene
Concen: 0.030 ppbv
RT: 1.606 min Scan# 469
Delta R.T. -0.000 min
Lab File: VL042991.D
Acq: 23 Sep 2025 14:37

Tgt Ion: 39 Resp: 278
Ion Ratio Lower Upper
39 100
54 48.6 60.8 91.2#

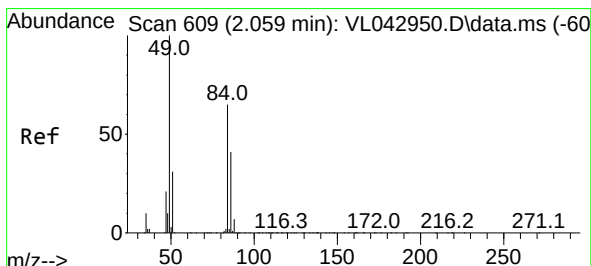
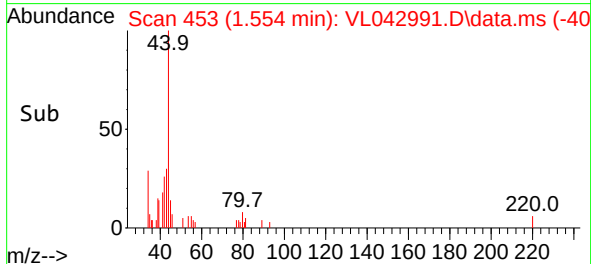
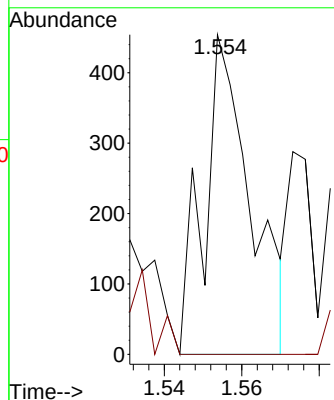
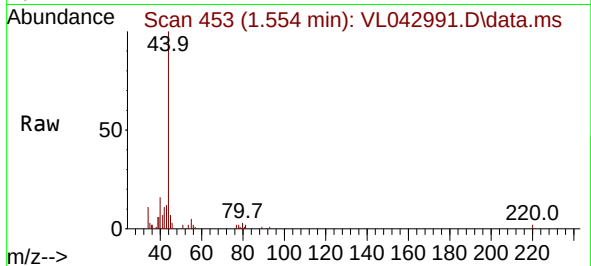




#19
Isopropyl Alcohol
Concen: 0.032 ppbv
RT: 1.554 min Scan# 411
Delta R.T. -0.330 min
Lab File: VL042991.D
Acq: 23 Sep 2025 14:37

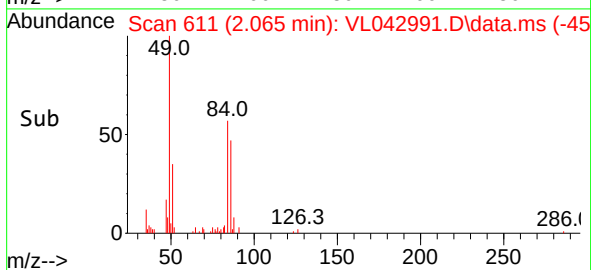
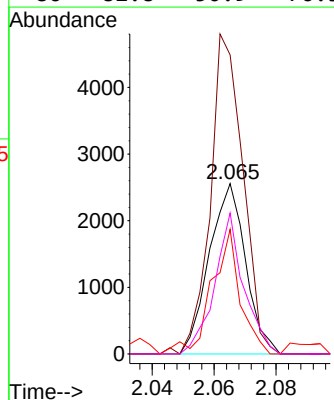
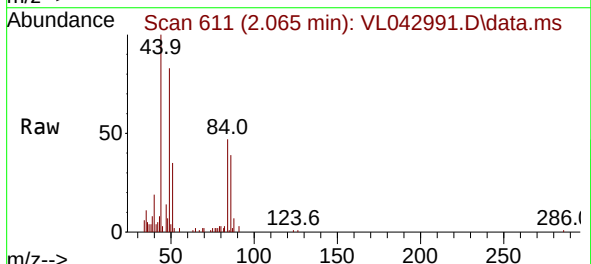
Instrument :
MSVOA_L
ClientSampleId :
CAN 10743

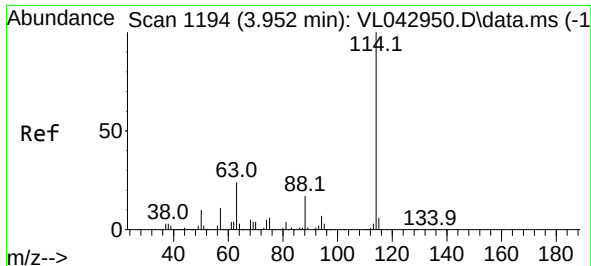
Tgt Ion: 45 Resp: 379
Ion Ratio Lower Upper
45 100
58 12.1 31.0 46.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.065 min Scan# 611
Delta R.T. 0.006 min
Lab File: VL042991.D
Acq: 23 Sep 2025 14:37

Tgt Ion: 84 Resp: 2086
Ion Ratio Lower Upper
84 100
49 175.6 124.1 186.1
51 73.2 39.8 59.8#
86 82.8 50.9 76.3#

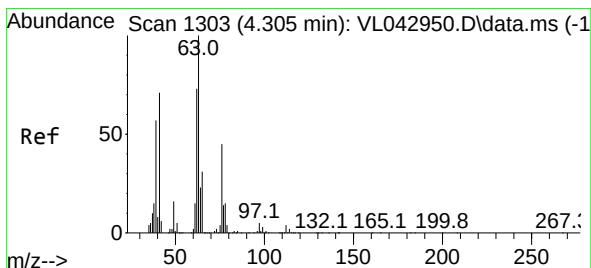
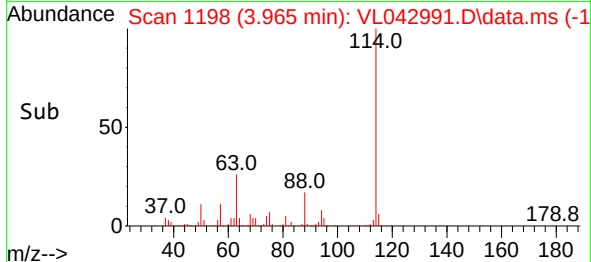
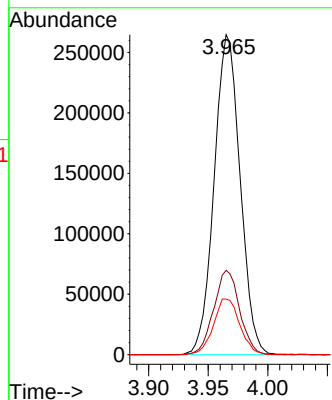
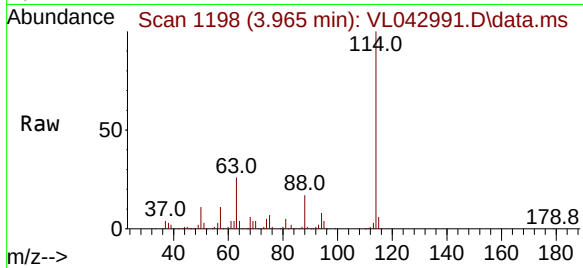




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 3.965 min Scan# 1198
 Delta R.T. 0.013 min
 Lab File: VL042991.D
 Acq: 23 Sep 2025 14:37

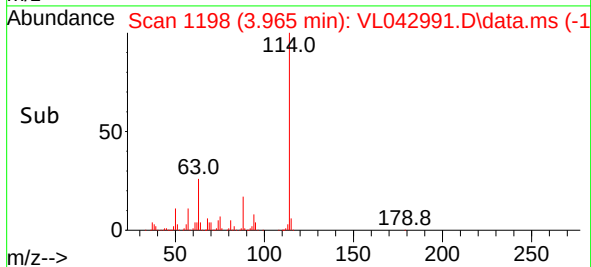
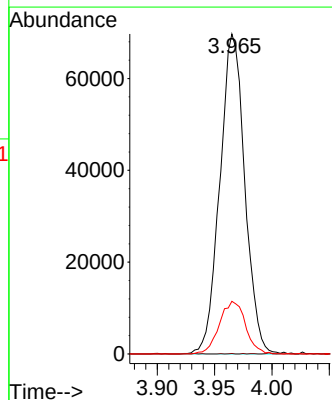
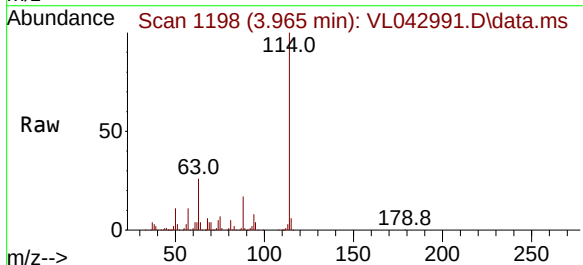
Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10743

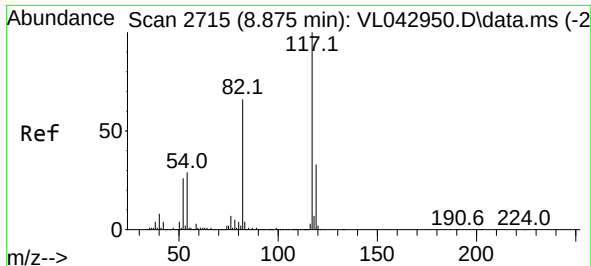
Tgt Ion: 114 Resp: 400893
 Ion Ratio Lower Upper
 114 100
 63 26.3 19.4 29.2
 88 17.7 14.2 21.2



#39
 1,2-Dichloropropane
 Concen: 7.671 ppbv
 RT: 3.965 min Scan# 1198
 Delta R.T. -0.340 min
 Lab File: VL042991.D
 Acq: 23 Sep 2025 14:37

Tgt Ion: 63 Resp: 105431
 Ion Ratio Lower Upper
 63 100
 41 0.2 57.5 86.3#
 62 16.5 58.5 87.7#

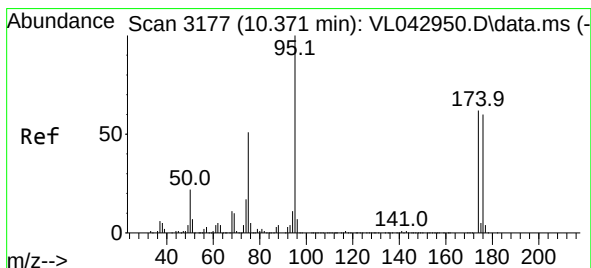
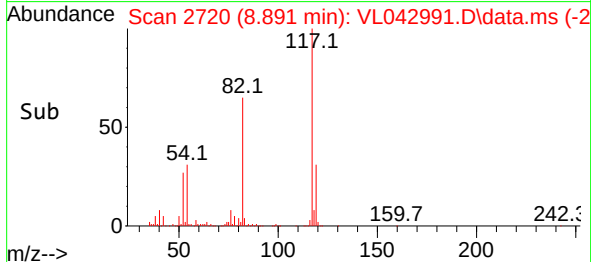
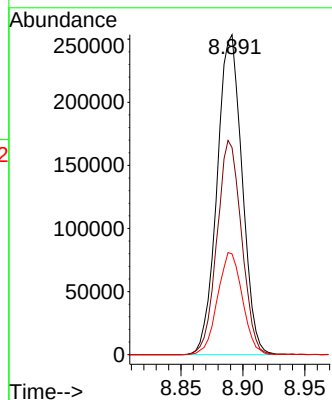
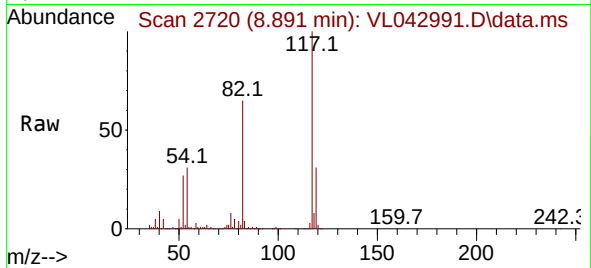




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.891 min Scan# 21
Delta R.T. 0.016 min
Lab File: VL042991.D
Acq: 23 Sep 2025 14:37

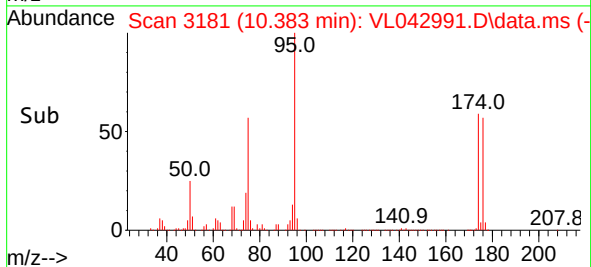
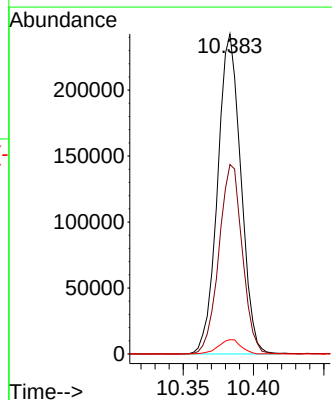
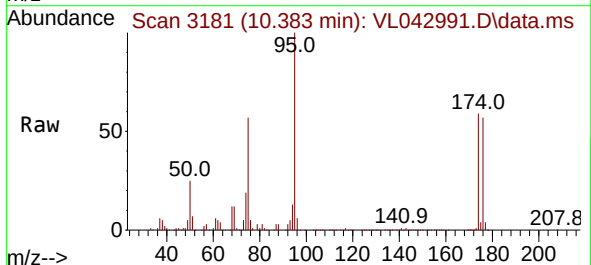
Instrument :
MSVOA_L
ClientSampleId :
CAN 10743

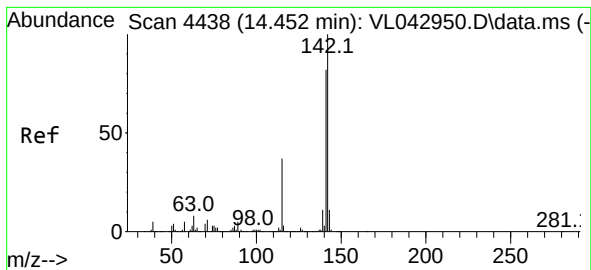
Tgt Ion:117 Resp: 357176
Ion Ratio Lower Upper
117 100
82 65.9 52.8 79.2
119 31.8 26.5 39.7



#68
1-Bromo-4-Fluorobenzene
Concen: 10.476 ppbv
RT: 10.383 min Scan# 3181
Delta R.T. 0.013 min
Lab File: VL042991.D
Acq: 23 Sep 2025 14:37

Tgt Ion: 95 Resp: 279312
Ion Ratio Lower Upper
95 100
174 59.7 51.4 77.2
175 4.4 4.0 6.0





#80

Naphthalene, 2-methyl-

Concen: 0.055 ppbv

RT: 14.481 min Scan# 44

Delta R.T. 0.029 min

Lab File: VL042991.D

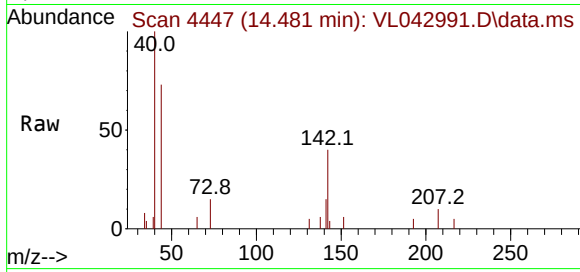
Acq: 23 Sep 2025 14:37

Instrument :

MSVOA_L

ClientSampleId :

CAN 10743



Tgt Ion:	142	Resp:	779
Ion	Ratio	Lower	Upper
142	100		
141	83.2	65.1	97.7
115	18.9	28.9	43.3#

