

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022625\
 Data File : VL042053.D
 Acq On : 26 Feb 2025 10:36
 Operator : SY/MD
 Sample : QC022525 CAN 10795
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC022525 CAN 10795

Quant Time: Feb 27 00:26:01 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)

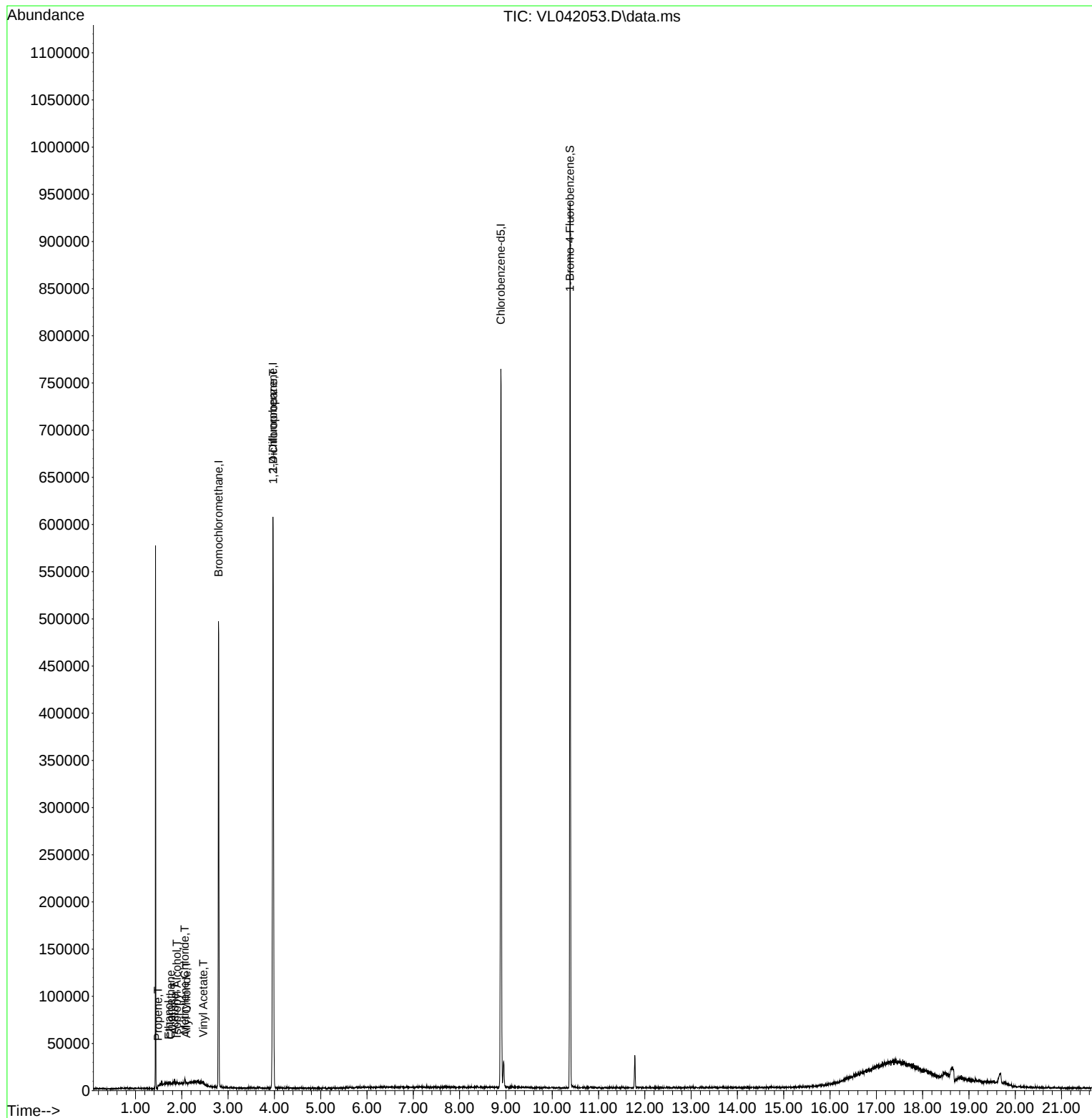
Internal Standards						
1) Bromochloromethane	2.793	49	149362	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.968	114	359989	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.891	117	310295	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.383	95	240272	10.065	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	= 100.600%	
Target Compounds						
					Qvalue	
7) Chloroethane	1.761	64	114	0.052	ppbv #	39
9) Propene	1.489	41	430	0.049	ppbv #	81
13) Ethanol	1.719	45	93	0.166	ppbv #	33
15) Acetone	1.842	43	2347	0.178	ppbv #	85
19) Isopropyl Alcohol	1.890	45	238	0.031	ppbv #	32
20) Methylene Chloride	2.062	84	899	0.180	ppbv #	66
21) Allyl Chloride	2.097	41	338	0.035	ppbv #	67
23) Vinyl Acetate	2.463	43	324	0.035	ppbv #	1
39) 1,2-Dichloropropane	3.971	63	98079	6.857	ppbv #	22

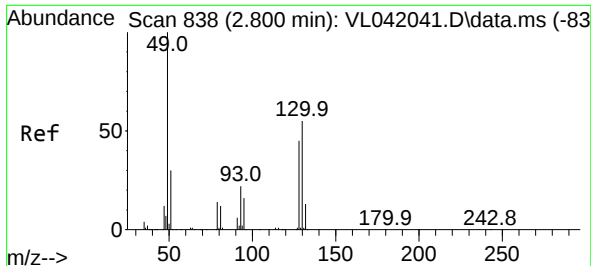
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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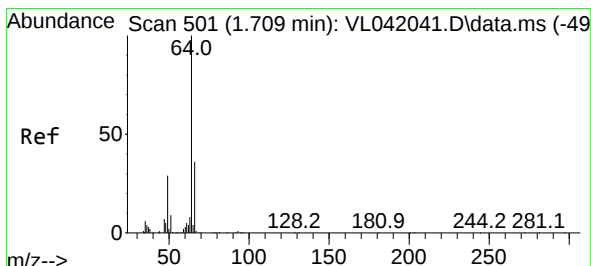
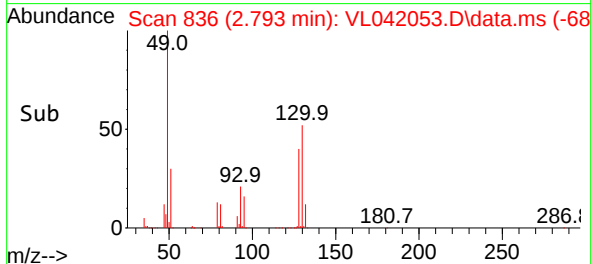
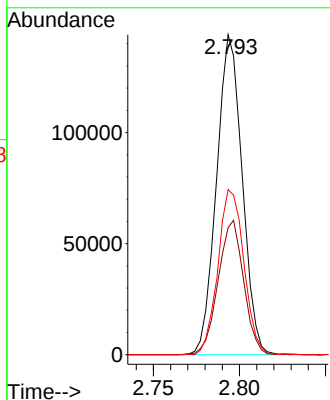
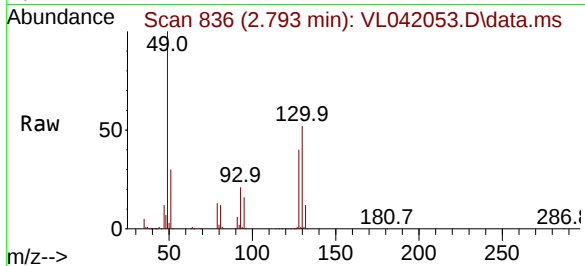




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.793 min Scan# 81
Delta R.T. -0.007 min
Lab File: VL042053.D
Acq: 26 Feb 2025 10:36

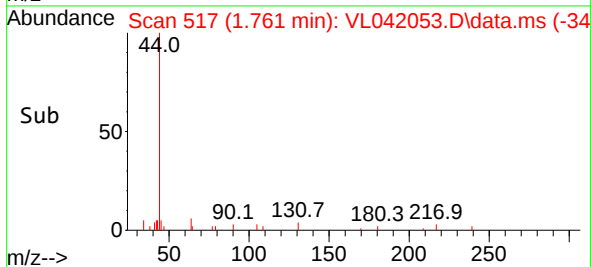
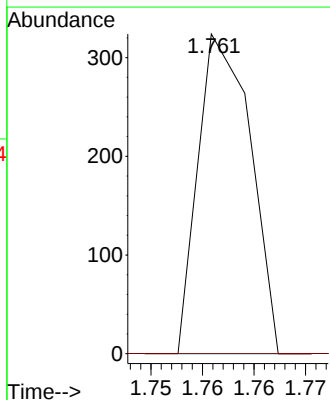
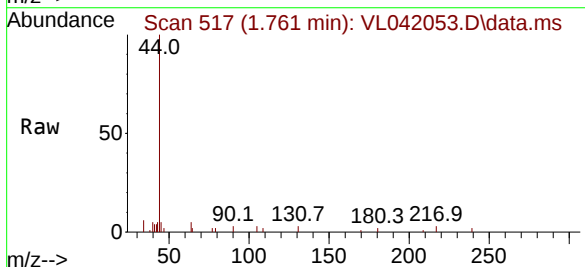
Instrument :
MSVOA_L
ClientSampleId :
QC022525 CAN 10795

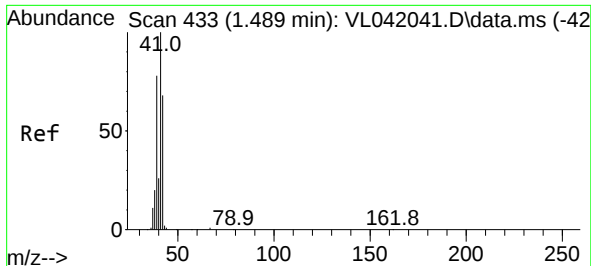
Tgt Ion: 49 Resp: 149362
Ion Ratio Lower Upper
49 100
128 41.7 21.6 64.8
130 52.2 27.8 83.4



#7
Chloroethane
Concen: 0.052 ppbv
RT: 1.761 min Scan# 517
Delta R.T. 0.052 min
Lab File: VL042053.D
Acq: 26 Feb 2025 10:36

Tgt Ion: 64 Resp: 114
Ion Ratio Lower Upper
64 100
66 0.0 28.4 42.6#





#9

Propene

Concen: 0.049 ppbv

RT: 1.489 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL042053.D

Acq: 26 Feb 2025 10:36

Instrument :

MSVOA_L

ClientSampleId :

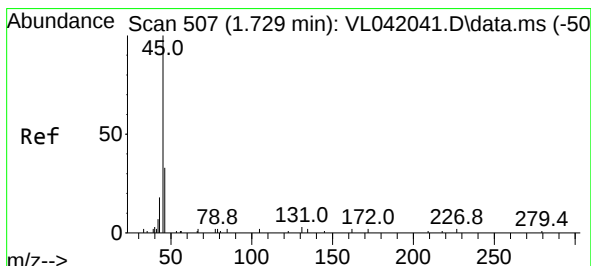
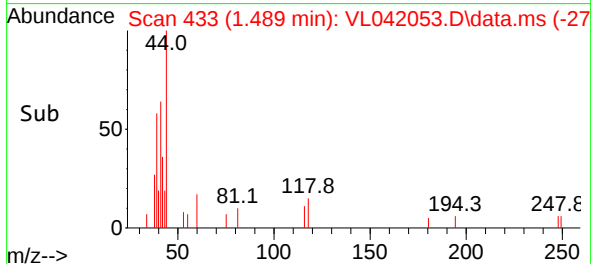
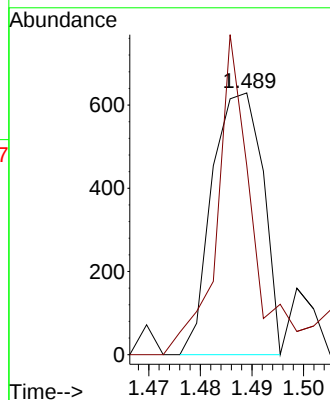
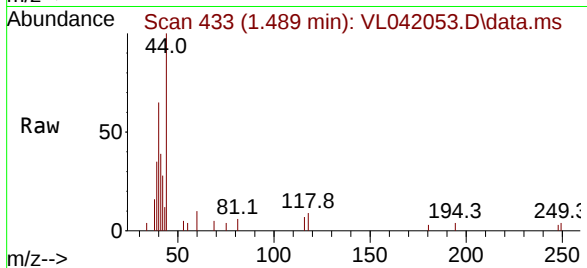
QC022525 CAN 10795

Tgt Ion: 41 Resp: 430

Ion Ratio Lower Upper

41 100

42 85.3 55.8 83.6#



#13

Ethanol

Concen: 0.166 ppbv

RT: 1.719 min Scan# 504

Delta R.T. -0.010 min

Lab File: VL042053.D

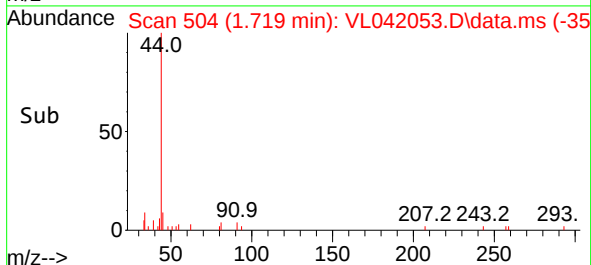
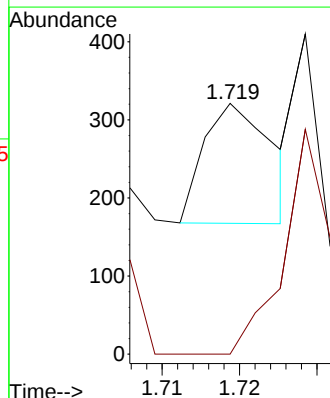
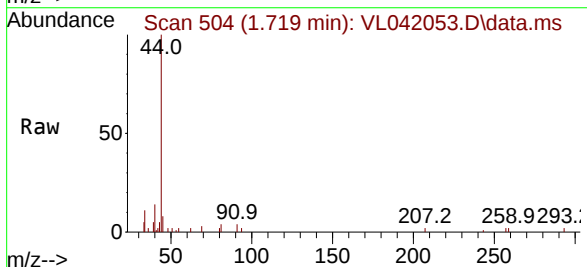
Acq: 26 Feb 2025 10:36

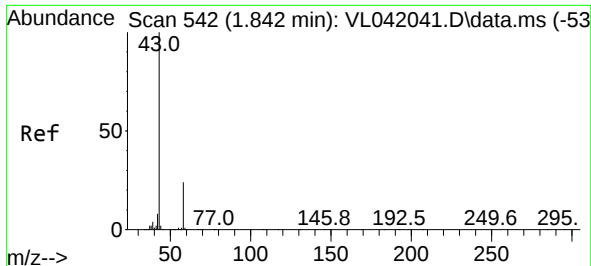
Tgt Ion: 45 Resp: 93

Ion Ratio Lower Upper

45 100

46 0.0 17.1 68.3#

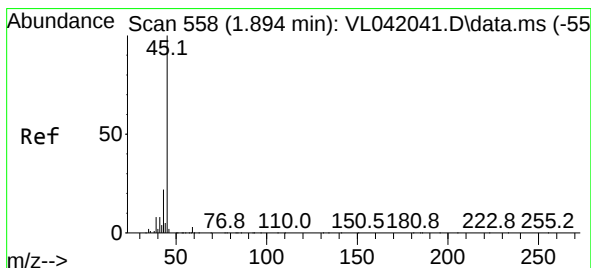
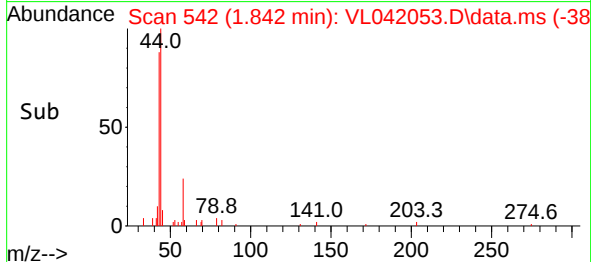
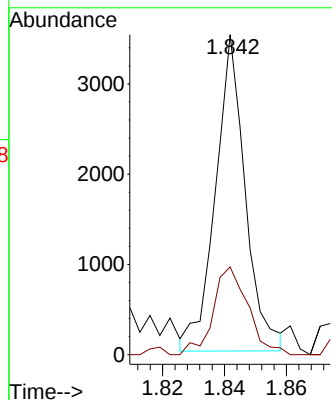
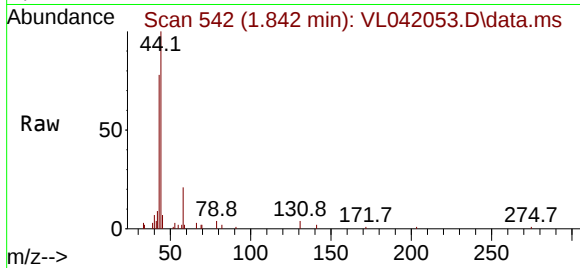




#15
Acetone
Concen: 0.178 ppbv
RT: 1.842 min Scan# 54
Delta R.T. -0.000 min
Lab File: VL042053.D
Acq: 26 Feb 2025 10:36

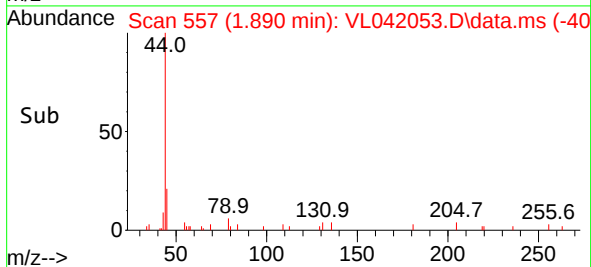
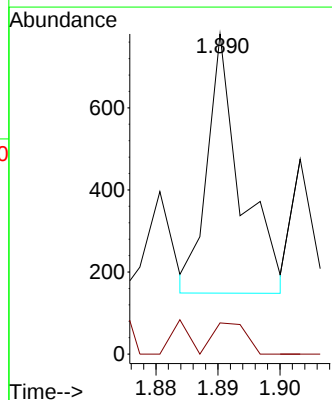
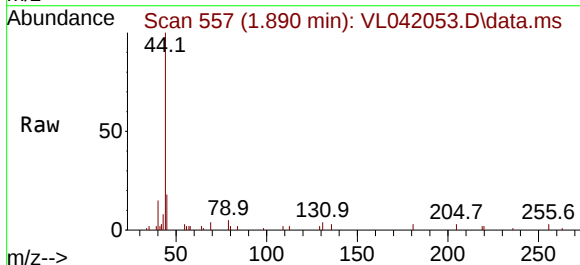
Instrument :
MSVOA_L
ClientSampleId :
QC022525 CAN 10795

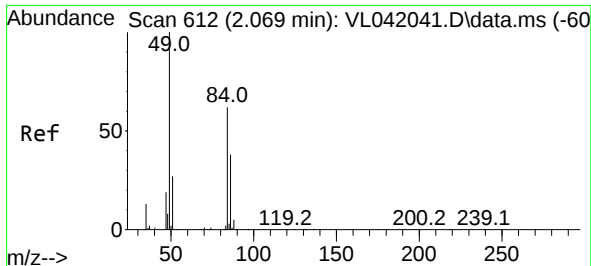
Tgt Ion: 43 Resp: 2347
Ion Ratio Lower Upper
43 100
58 33.6 20.7 31.1#



#19
Isopropyl Alcohol
Concen: 0.031 ppbv
RT: 1.890 min Scan# 557
Delta R.T. -0.003 min
Lab File: VL042053.D
Acq: 26 Feb 2025 10:36

Tgt Ion: 45 Resp: 238
Ion Ratio Lower Upper
45 100
58 0.0 35.3 52.9#

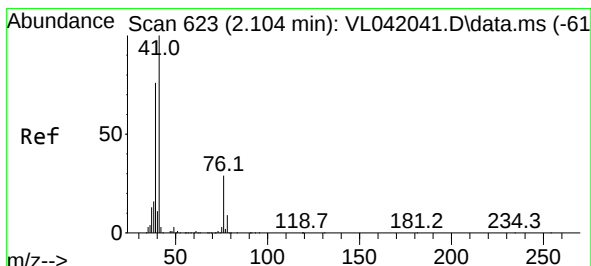
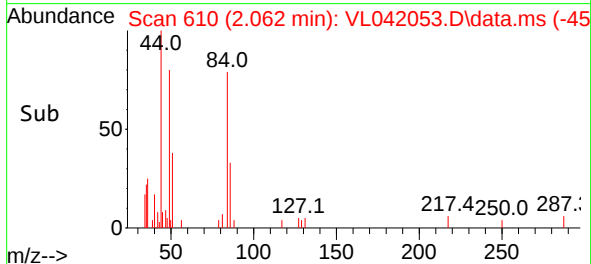
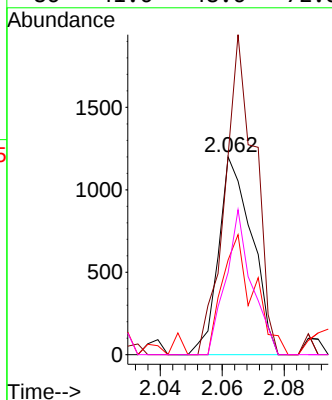
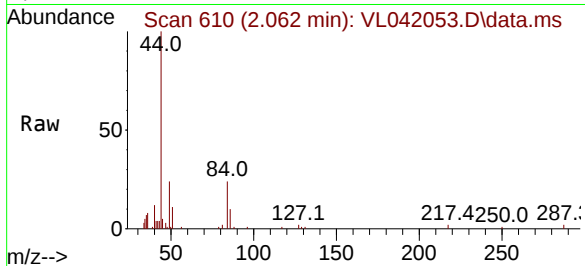




#20
Methylene Chloride
Concen: 0.180 ppbv
RT: 2.062 min Scan# 612
Delta R.T. -0.007 min
Lab File: VL042053.D
Acq: 26 Feb 2025 10:36

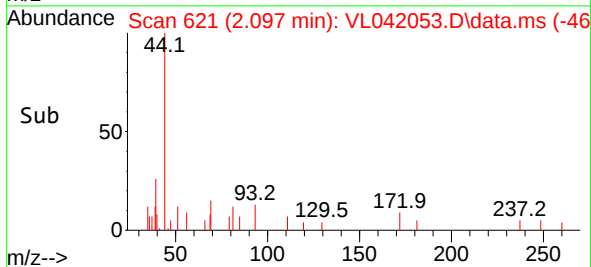
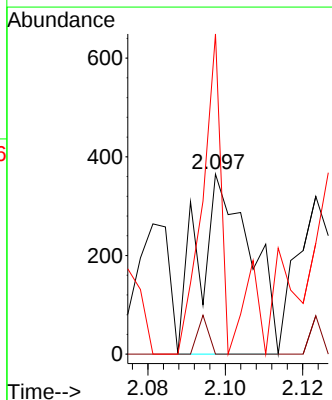
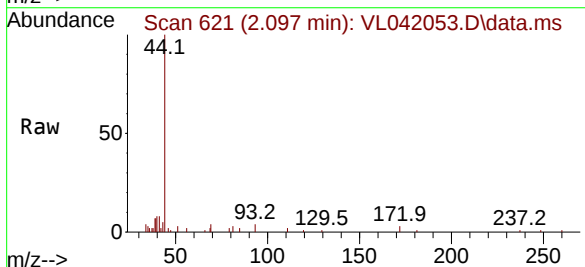
Instrument :
MSVOA_L
ClientSampleId :
QC022525 CAN 10795

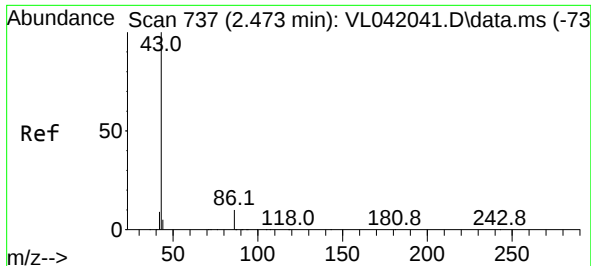
Tgt Ion:	84	Resp:	899
Ion	Ratio	Lower	Upper
84	100		
49	105.2	130.0	195.0#
51	38.3	37.4	56.0
86	41.6	48.6	72.8#



#21
Allyl Chloride
Concen: 0.035 ppbv
RT: 2.097 min Scan# 621
Delta R.T. -0.007 min
Lab File: VL042053.D
Acq: 26 Feb 2025 10:36

Tgt Ion:	41	Resp:	338
Ion	Ratio	Lower	Upper
41	100		
76	4.4	23.8	35.6#
39	54.7	63.8	95.6#

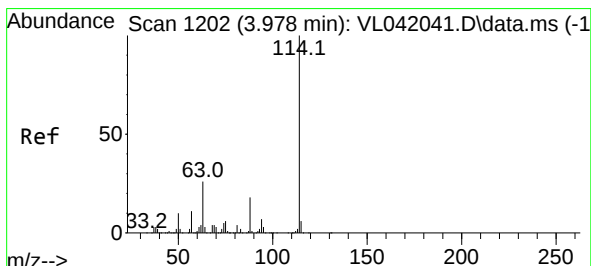
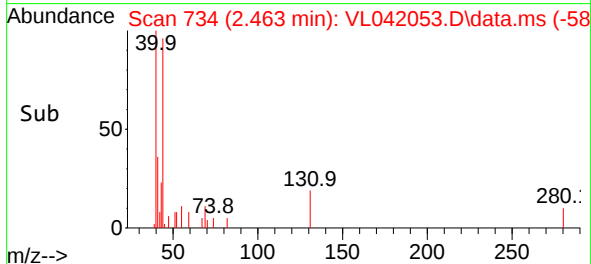
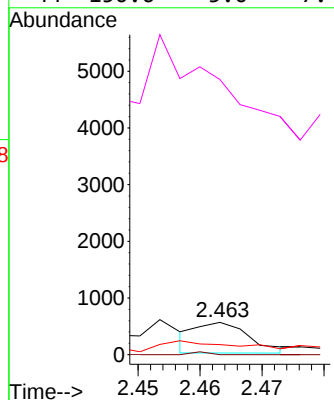
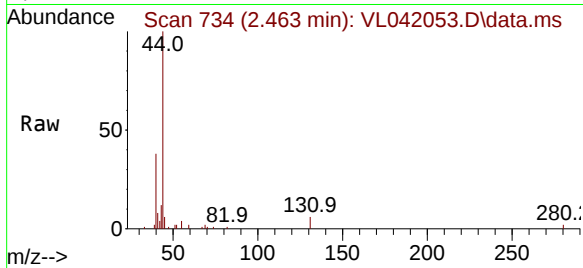




#23
 Vinyl Acetate
 Concen: 0.035 ppbv
 RT: 2.463 min Scan# 71
 Delta R.T. -0.010 min
 Lab File: VL042053.D
 Acq: 26 Feb 2025 10:36

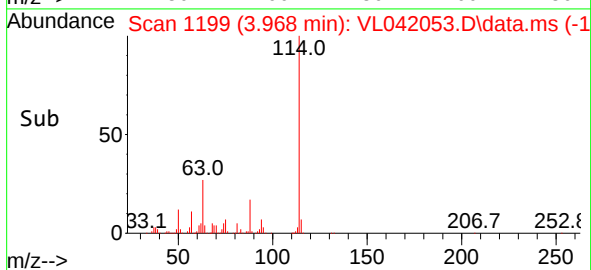
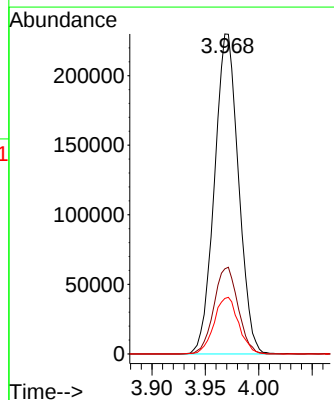
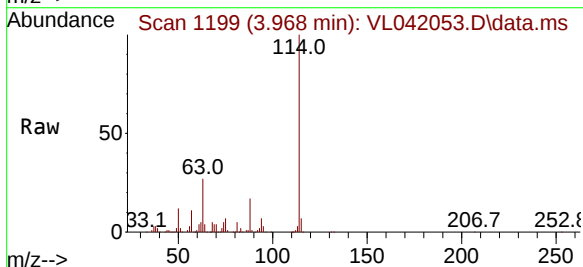
Instrument :
 MSVOA_L
 ClientSampleId :
 QC022525 CAN 10795

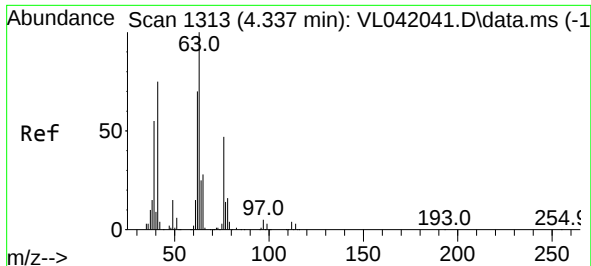
Tgt Ion:	43	Resp:	324
Ion	Ratio	Lower	Upper
43	100		
86	0.0	7.0	10.4#
42	16.9	7.6	11.4#
44	150.6	5.0	7.4#



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 3.968 min Scan# 1199
 Delta R.T. -0.010 min
 Lab File: VL042053.D
 Acq: 26 Feb 2025 10:36

Tgt Ion:	114	Resp:	359989
Ion	Ratio	Lower	Upper
114	100		
63	27.3	20.1	30.1
88	18.1	14.3	21.5





#39

1,2-Dichloropropane

Concen: 6.857 ppbv

RT: 3.971 min Scan# 11

Delta R.T. -0.366 min

Lab File: VL042053.D

Acq: 26 Feb 2025 10:36

Instrument :

MSVOA_L

ClientSampleId :

QC022525 CAN 10795

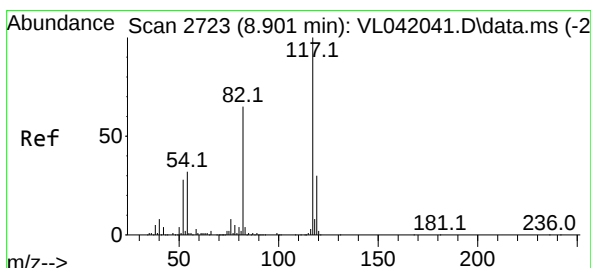
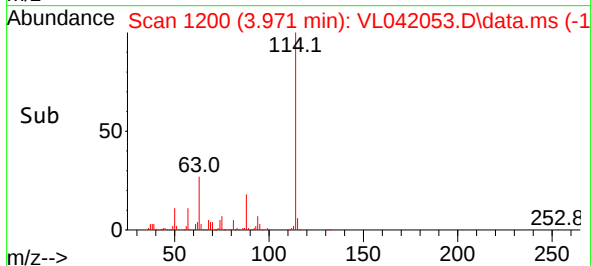
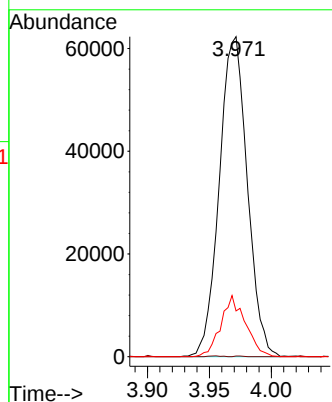
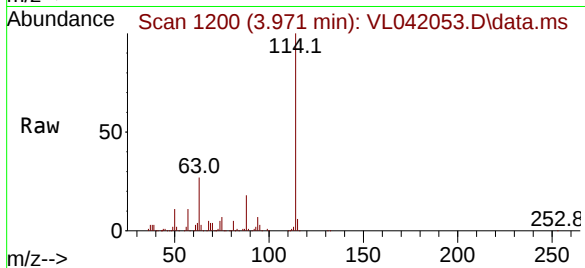
Tgt Ion: 63 Resp: 98079

Ion Ratio Lower Upper

63 100

41 0.2 60.1 90.1#

62 14.3 55.8 83.8#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.891 min Scan# 2720

Delta R.T. -0.010 min

Lab File: VL042053.D

Acq: 26 Feb 2025 10:36

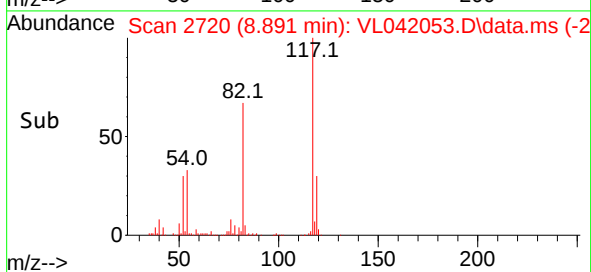
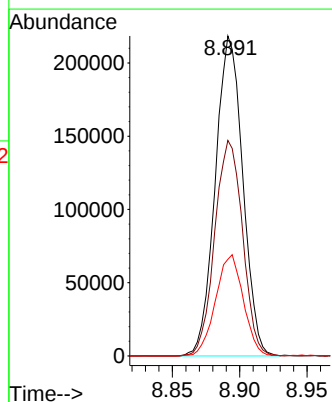
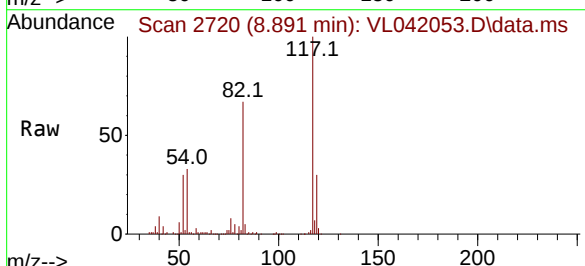
Tgt Ion: 117 Resp: 310295

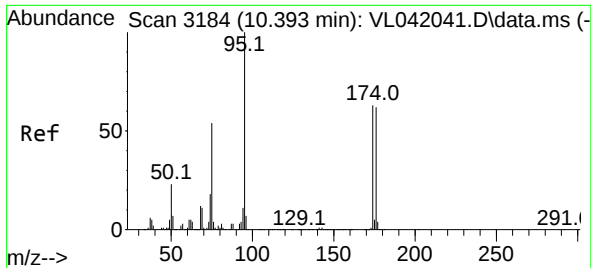
Ion Ratio Lower Upper

117 100

82 68.2 55.0 82.6

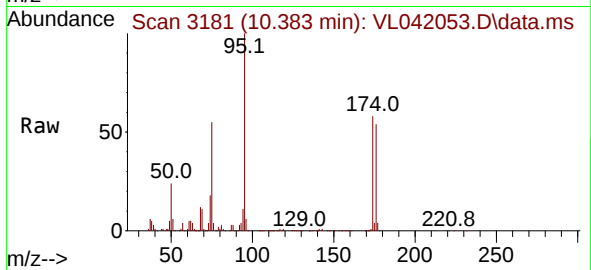
119 32.2 25.9 38.9





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.065 ppbv
 RT: 10.383 min Scan# 31
 Delta R.T. -0.010 min
 Lab File: VL042053.D
 Acq: 26 Feb 2025 10:36

Instrument :
 MSVOA_L
 ClientSampleId :
 QC022525 CAN 10795



Tgt Ion: 95 Resp: 240272
 Ion Ratio Lower Upper
 95 100
 174 63.5 51.8 77.6
 175 4.7 3.9 5.9

