

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031025\
 Data File : VL042120.D
 Acq On : 10 Mar 2025 12:25
 Operator : SY/MD
 Sample : QC030625 CAN 10676
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC030625 CAN 10676

Quant Time: Mar 11 01:23:35 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)

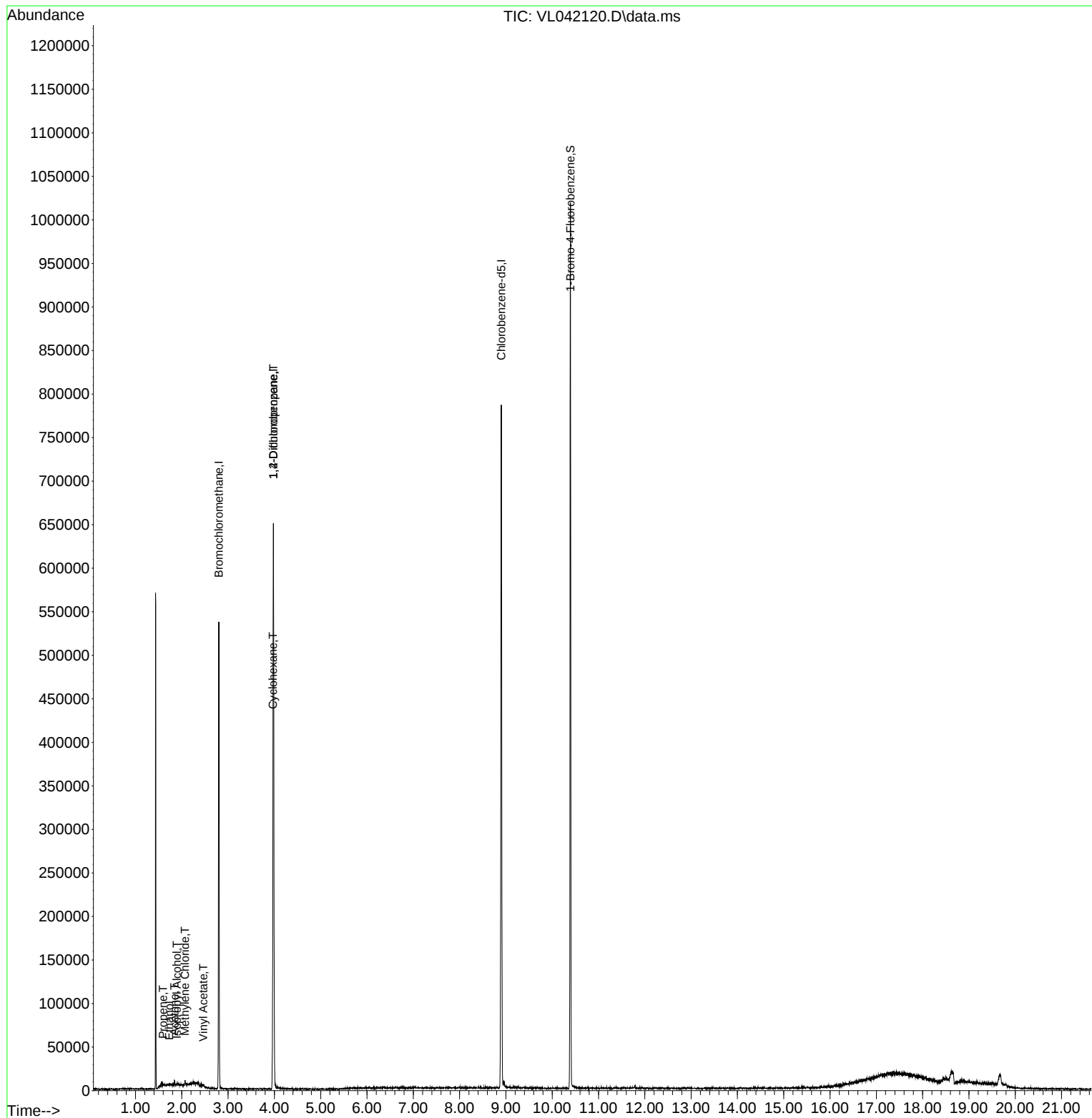
Internal Standards						
1) Bromochloromethane	2.800	49	155492	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.978	114	364687	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.901	117	310511	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.393	95	240304	10.059	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.600%
Target Compounds						
					Qvalue	
9) Propene	1.593	41	282	0.031	ppbv	88
13) Ethanol	1.732	45	211	0.361	ppbv	76
15) Acetone	1.842	43	2417	0.176	ppbv	98
19) Isopropyl Alcohol	1.894	45	380	0.048	ppbv #	32
20) Methylene Chloride	2.068	84	971	0.187	ppbv #	90
23) Vinyl Acetate	2.467	43	306	0.032	ppbv #	77
30) Cyclohexane	3.968	84	1681	0.093	ppbv #	1
39) 1,2-Dichloropropane	3.978	63	92538	6.386	ppbv #	23

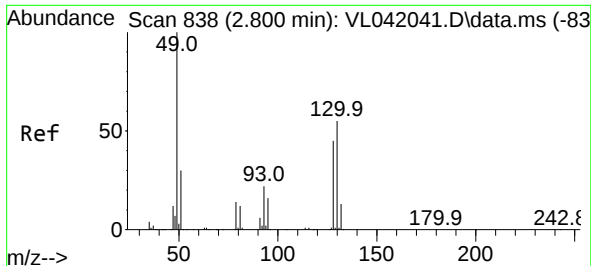
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031025\
Data File : VL042120.D
Acq On : 10 Mar 2025 12:25
Operator : SY/MD
Sample : QC030625 CAN 10676
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC030625 CAN 10676

Quant Time: Mar 11 01:23:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Wed Feb 26 01:08:36 2025
Response via : Initial Calibration

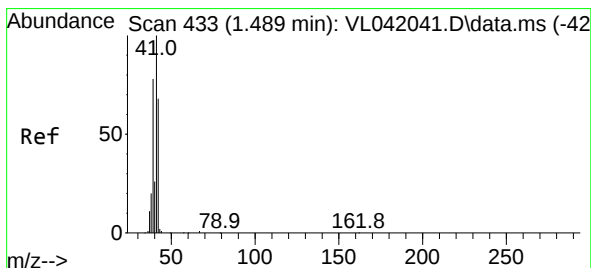
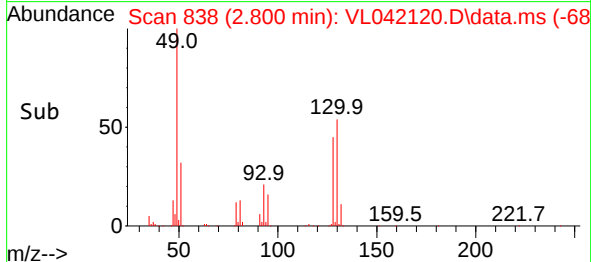
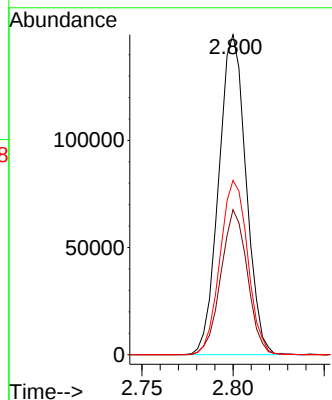
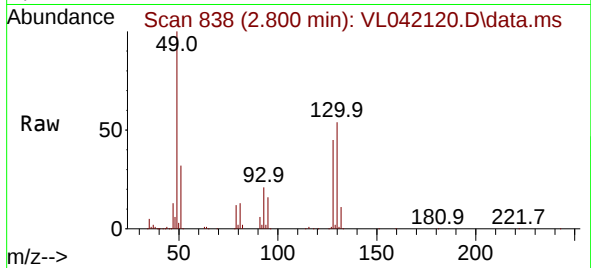




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.800 min Scan# 81
Delta R.T. -0.000 min
Lab File: VL042120.D
Acq: 10 Mar 2025 12:25

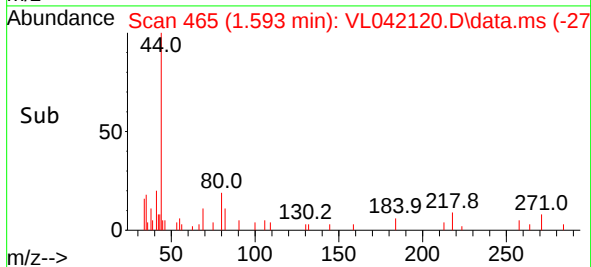
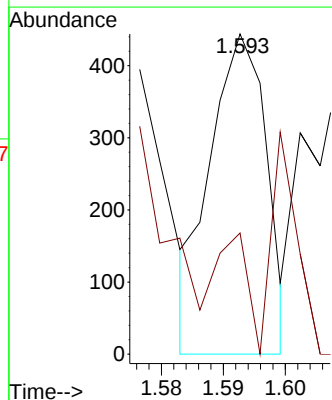
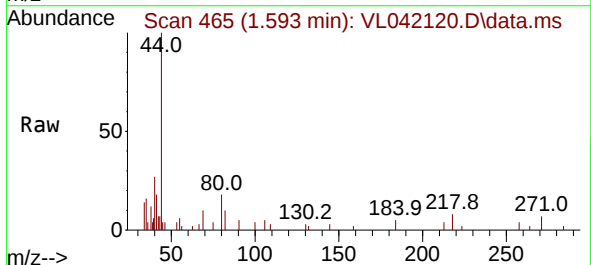
Instrument :
MSVOA_L
ClientSampleId :
QC030625 CAN 10676

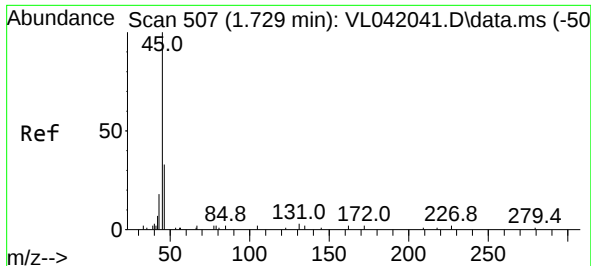
Tgt Ion: 49 Resp: 155492
Ion Ratio Lower Upper
49 100
128 44.0 21.6 64.8
130 55.3 27.8 83.4



#9
Propene
Concen: 0.031 ppbv
RT: 1.593 min Scan# 465
Delta R.T. 0.103 min
Lab File: VL042120.D
Acq: 10 Mar 2025 12:25

Tgt Ion: 41 Resp: 282
Ion Ratio Lower Upper
41 100
42 60.3 55.8 83.6

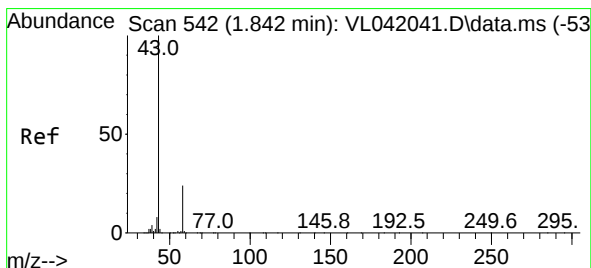
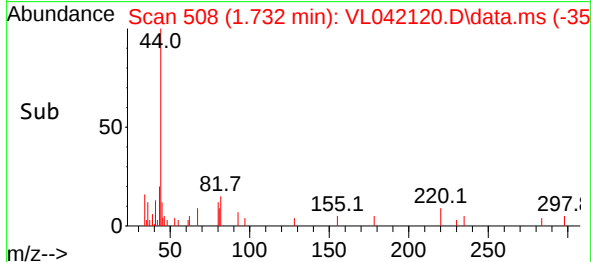
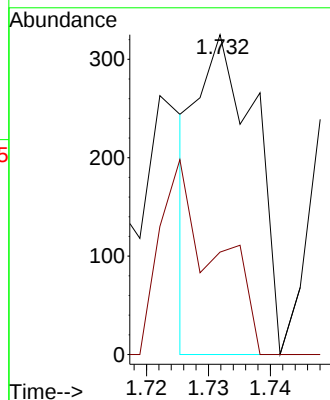
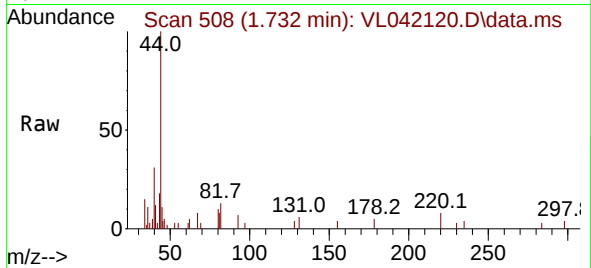




#13
Ethanol
Concen: 0.361 ppbv
RT: 1.732 min Scan# 508
Delta R.T. 0.003 min
Lab File: VL042120.D
Acq: 10 Mar 2025 12:25

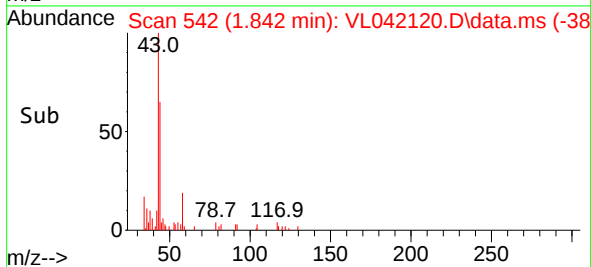
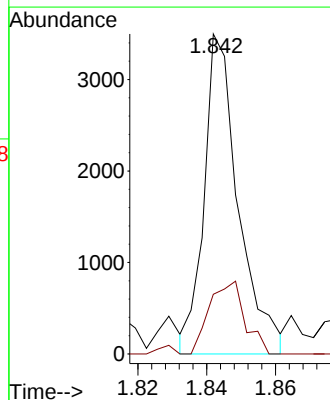
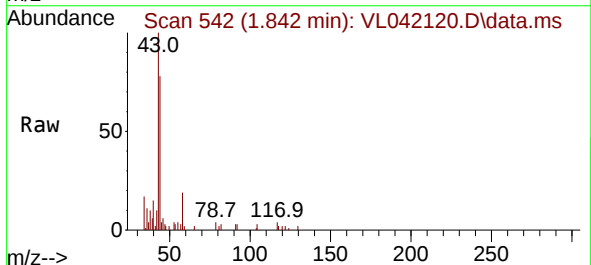
Instrument :
MSVOA_L
ClientSampleId :
QC030625 CAN 10676

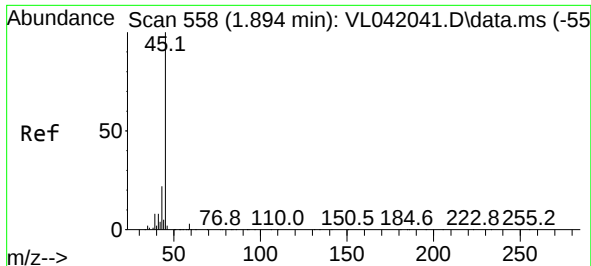
Tgt Ion: 45 Resp: 211
Ion Ratio Lower Upper
45 100
46 57.8 17.1 68.3



#15
Acetone
Concen: 0.176 ppbv
RT: 1.842 min Scan# 542
Delta R.T. -0.000 min
Lab File: VL042120.D
Acq: 10 Mar 2025 12:25

Tgt Ion: 43 Resp: 2417
Ion Ratio Lower Upper
43 100
58 24.7 20.7 31.1

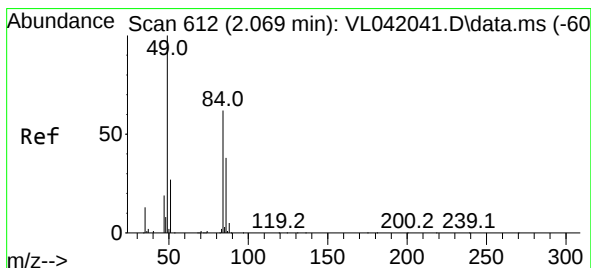
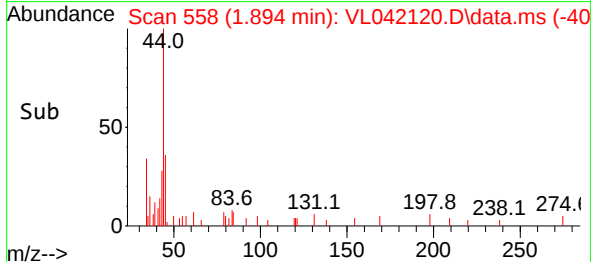
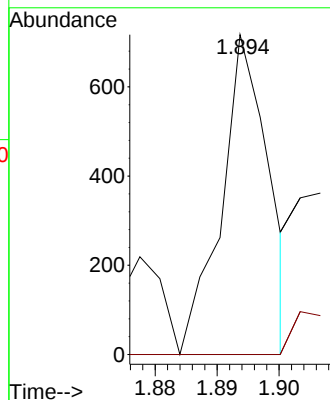
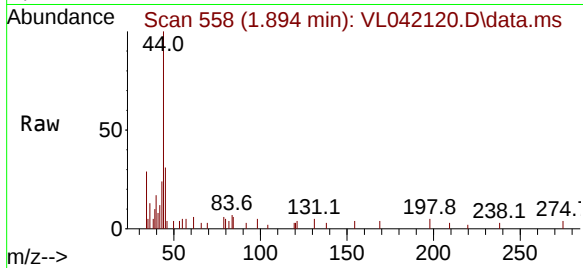




#19
Isopropyl Alcohol
Concen: 0.048 ppbv
RT: 1.894 min Scan# 511
Delta R.T. -0.000 min
Lab File: VL042120.D
Acq: 10 Mar 2025 12:25

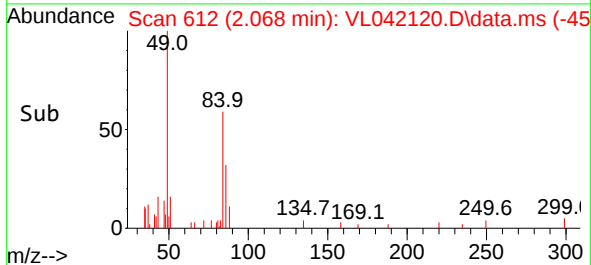
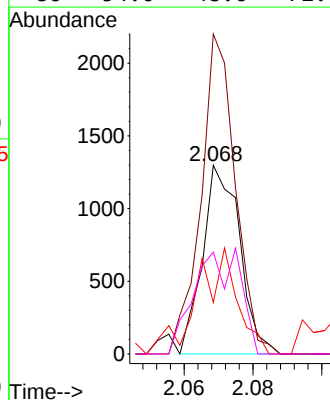
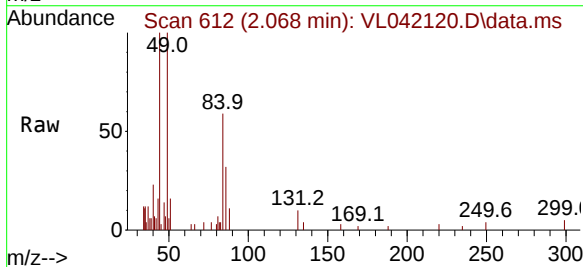
Instrument :
MSVOA_1
ClientSampleId :
QC030625 CAN 10676

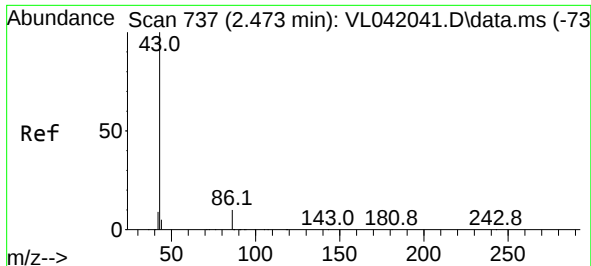
Tgt Ion: 45 Resp: 380
Ion Ratio Lower Upper
45 100
58 0.0 35.3 52.9#



#20
Methylene Chloride
Concen: 0.187 ppbv
RT: 2.068 min Scan# 612
Delta R.T. -0.000 min
Lab File: VL042120.D
Acq: 10 Mar 2025 12:25

Tgt Ion: 84 Resp: 971
Ion Ratio Lower Upper
84 100
49 169.7 130.0 195.0
51 27.3 37.4 56.0#
86 54.0 48.6 72.8





#23

Vinyl Acetate

Concen: 0.032 ppbv

RT: 2.467 min Scan# 71

Delta R.T. -0.007 min

Lab File: VL042120.D

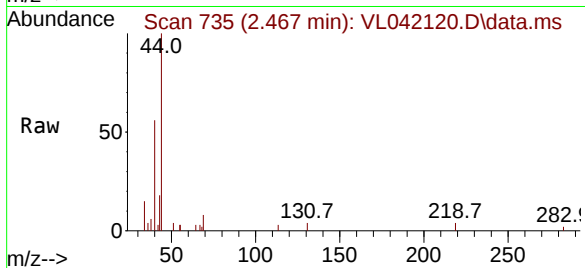
Acq: 10 Mar 2025 12:25

Instrument :

MSVOA_L

ClientSampleId :

QC030625 CAN 10676



Tgt Ion: 43 Resp: 306

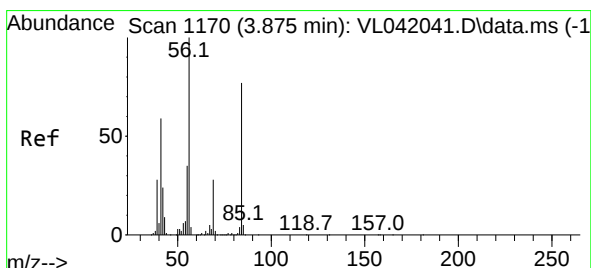
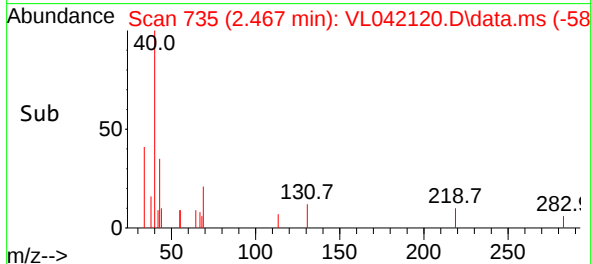
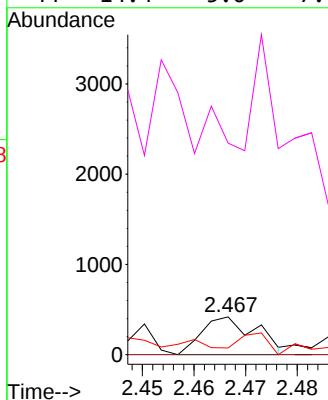
Ion Ratio Lower Upper

43 100

86 0.0 7.0 10.4#

42 17.7 7.6 11.4#

44 14.4 5.0 7.4#



#30

Cyclohexane

Concen: 0.093 ppbv

RT: 3.968 min Scan# 1199

Delta R.T. 0.094 min

Lab File: VL042120.D

Acq: 10 Mar 2025 12:25

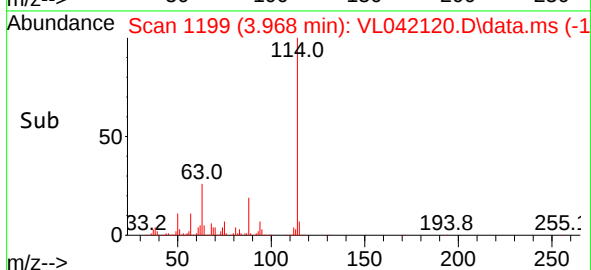
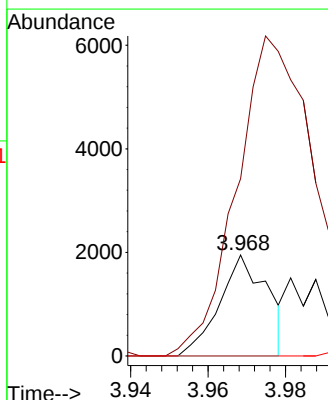
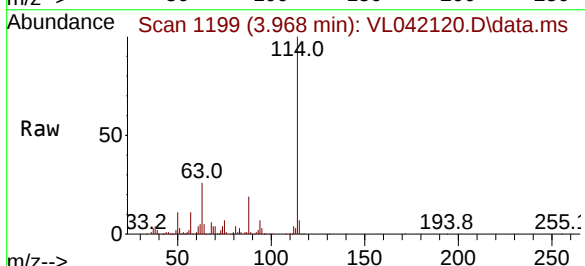
Tgt Ion: 84 Resp: 1681

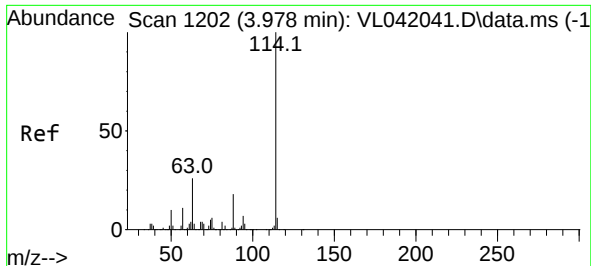
Ion Ratio Lower Upper

84 100

56 546.8 101.5 152.3#

41 1.0 62.6 93.8#

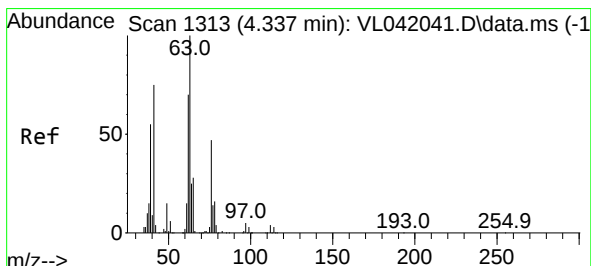
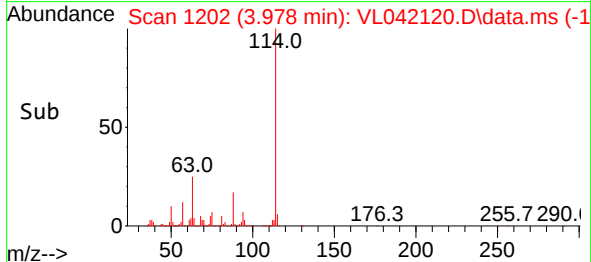
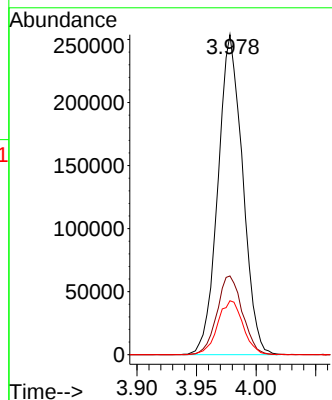
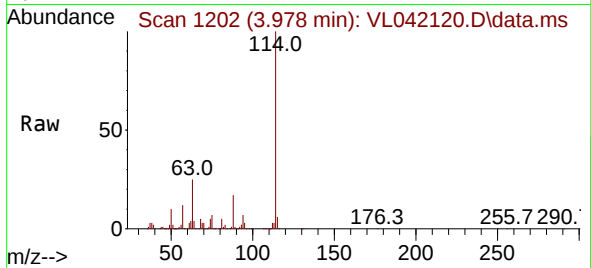




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 3.978 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VL042120.D
 Acq: 10 Mar 2025 12:25

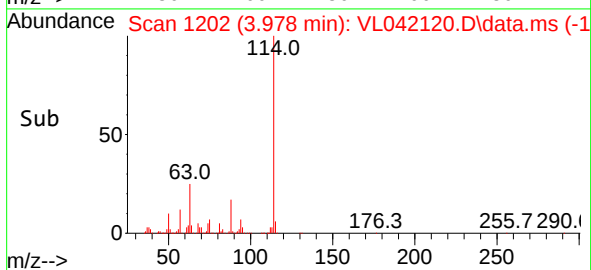
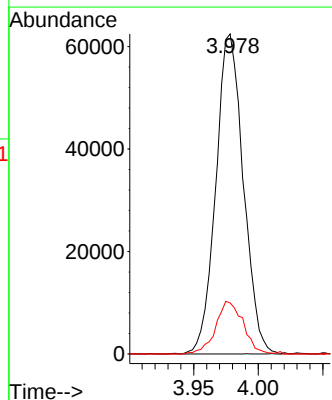
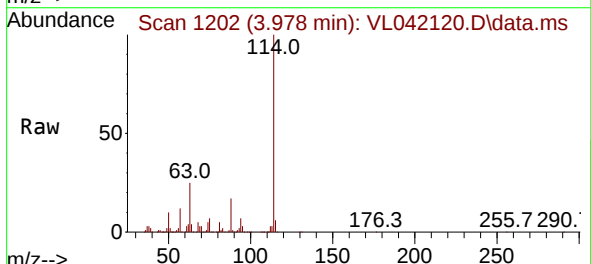
Instrument :
 MSVOA_L
 ClientSampleId :
 QC030625 CAN 10676

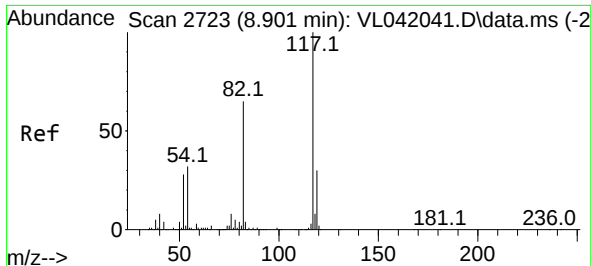
Tgt Ion:114 Resp: 364687
 Ion Ratio Lower Upper
 114 100
 63 25.4 20.1 30.1
 88 17.4 14.3 21.5



#39
 1,2-Dichloropropane
 Concen: 6.386 ppbv
 RT: 3.978 min Scan# 1202
 Delta R.T. -0.359 min
 Lab File: VL042120.D
 Acq: 10 Mar 2025 12:25

Tgt Ion: 63 Resp: 92538
 Ion Ratio Lower Upper
 63 100
 41 0.0 60.1 90.1#
 62 15.9 55.8 83.8#

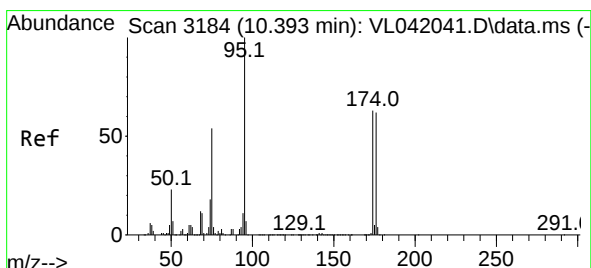
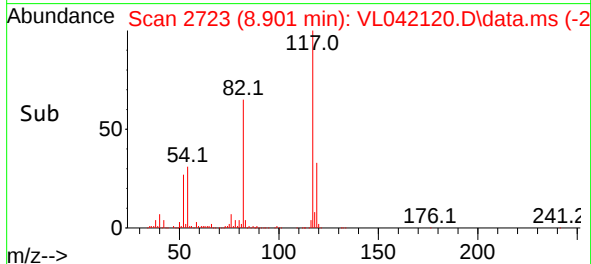
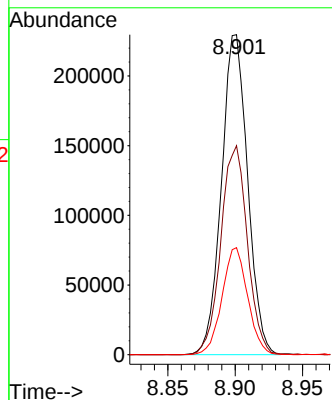
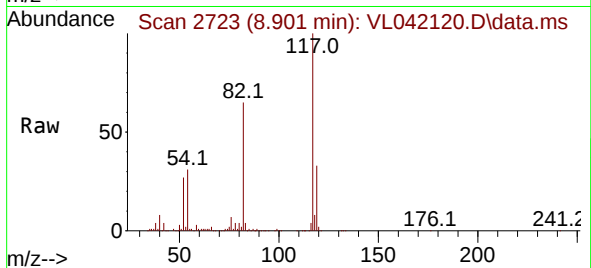




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.901 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL042120.D
Acq: 10 Mar 2025 12:25

Instrument :
MSVOA_L
ClientSampleId :
QC030625 CAN 10676

Tgt Ion:117 Resp: 310511
Ion Ratio Lower Upper
117 100
82 66.3 55.0 82.6
119 32.8 25.9 38.9



#68
1-Bromo-4-Fluorobenzene
Concen: 10.059 ppbv
RT: 10.393 min Scan# 3184
Delta R.T. -0.000 min
Lab File: VL042120.D
Acq: 10 Mar 2025 12:25

Tgt Ion: 95 Resp: 240304
Ion Ratio Lower Upper
95 100
174 62.8 51.8 77.6
175 4.6 3.9 5.9

