

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010725\
 Data File : VL041852.D
 Acq On : 07 Jan 2025 19:35
 Operator : SY/MD
 Sample : QC010225 CAN 10443
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC010225 CAN 10443

Quant Time: Jan 08 03:57:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Jan 08 03:26:12 2025
 Response via : Initial Calibration

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

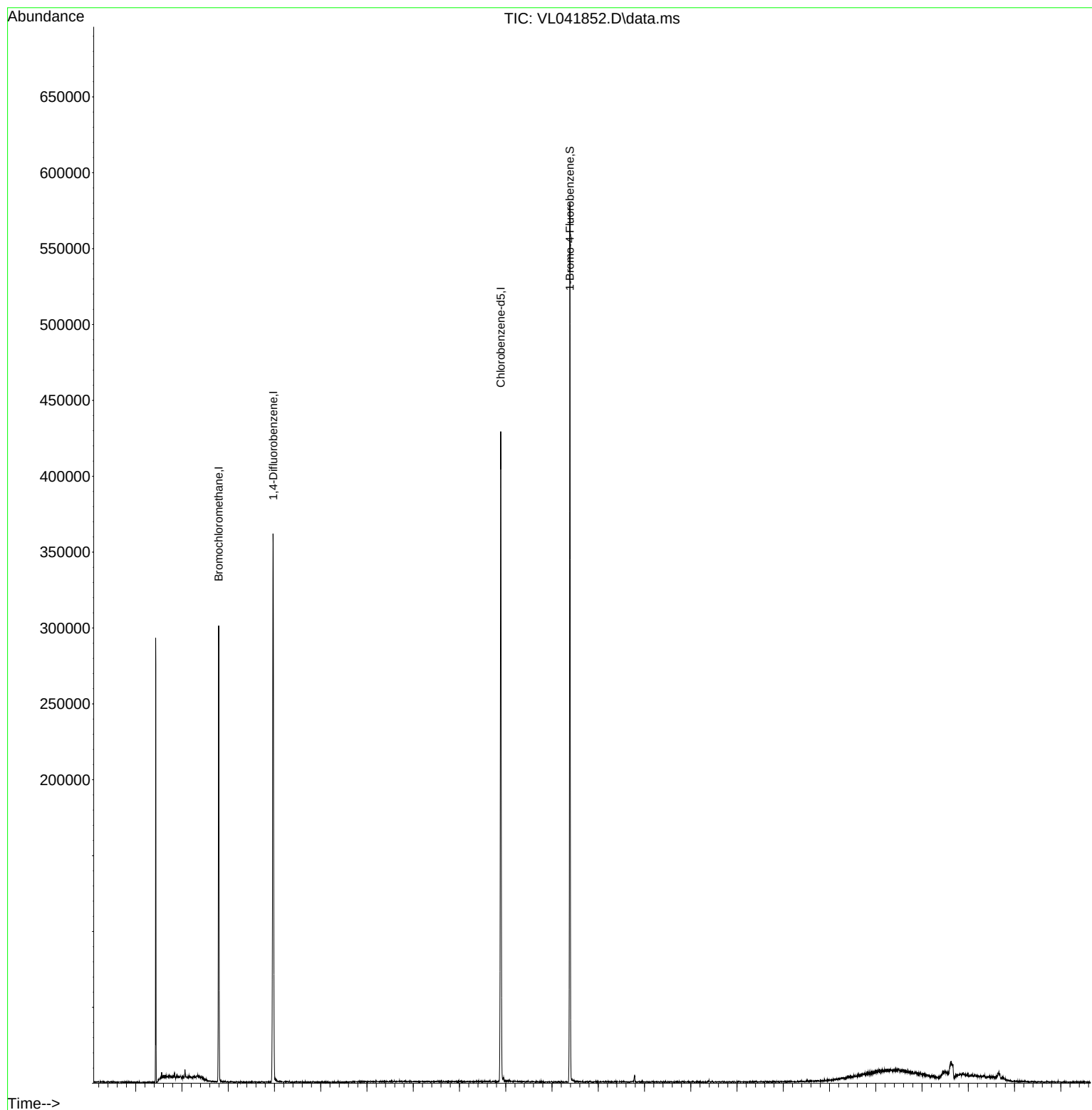
Internal Standards						
1) Bromochloromethane	2.793	49	84180	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.971	114	183339	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.891	117	151920	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.387	95	123407	9.484	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.800%
Target Compounds						
20) Methylene Chloride	2.065	84	631	0.142	ppbv	Qvalue # 77

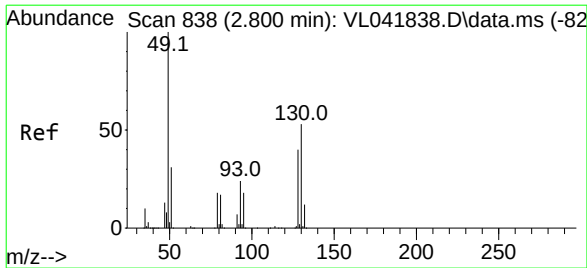
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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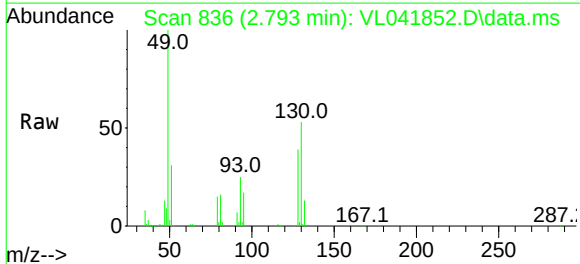
Quant Time: Jan 08 03:57:45 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
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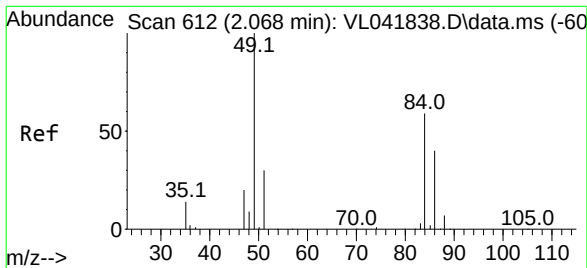
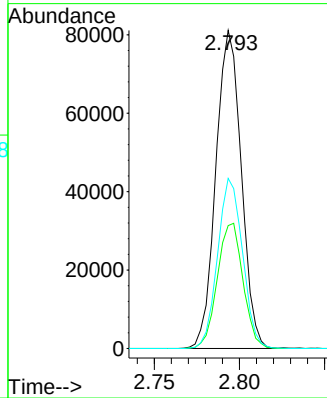
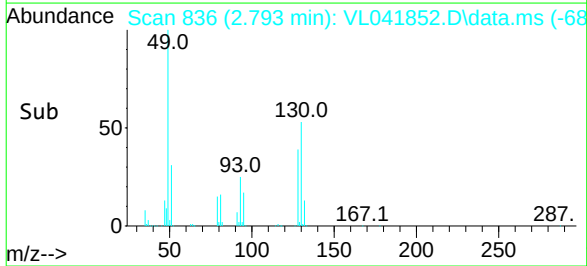


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.793 min Scan# 83
Delta R.T. -0.007 min
Lab File: VL041852.D
Acq: 07 Jan 2025 19:35

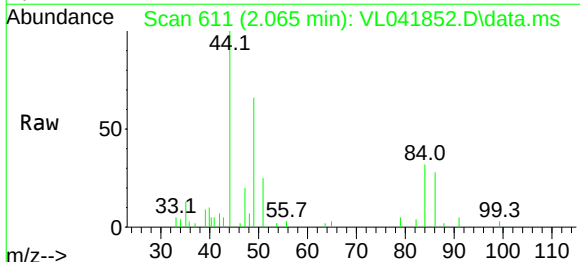
Instrument :
MSVOA_L
ClientSampleId :
QC010225 CAN 10443



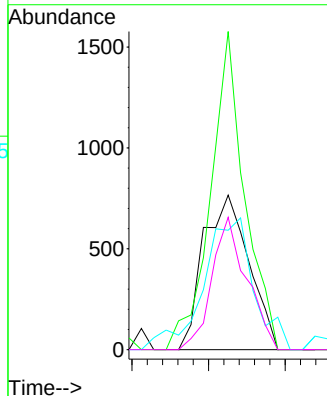
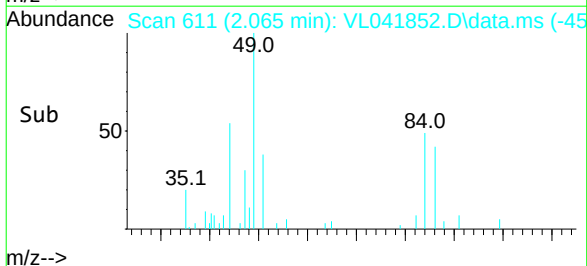
Tgt Ion: 49 Resp: 84180
Ion Ratio Lower Upper
49 100
128 39.7 19.7 59.1
130 52.4 26.4 79.2

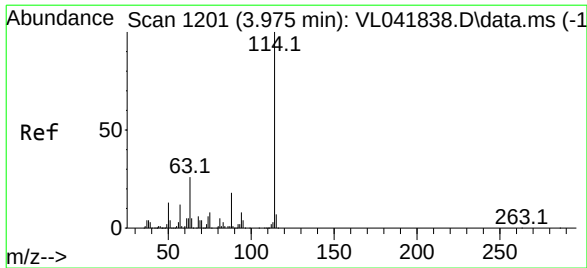


#20
Methylene Chloride
Concen: 0.142 ppbv
RT: 2.065 min Scan# 611
Delta R.T. -0.003 min
Lab File: VL041852.D
Acq: 07 Jan 2025 19:35



Tgt Ion: 84 Resp: 631
Ion Ratio Lower Upper
84 100
49 205.9 137.8 206.8
51 67.9 43.9 65.9#
86 85.6 53.9 80.9#

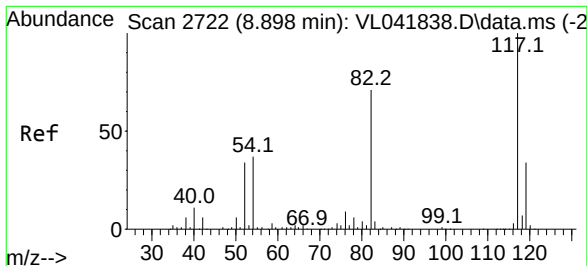
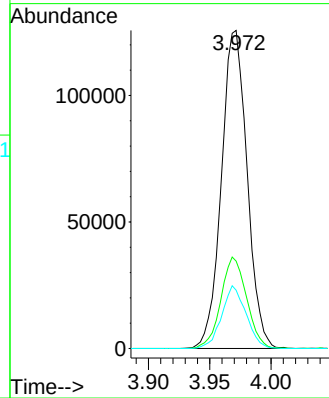
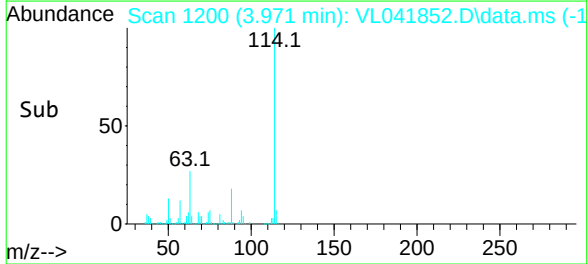
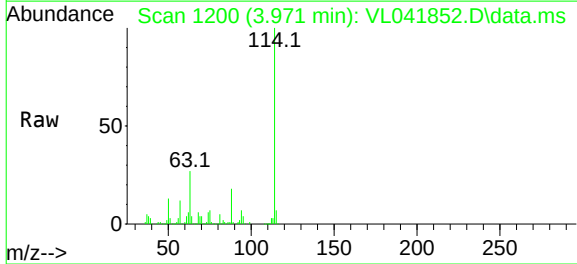




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.971 min Scan# 1201
Delta R.T. -0.003 min
Lab File: VL041852.D
Acq: 07 Jan 2025 19:35

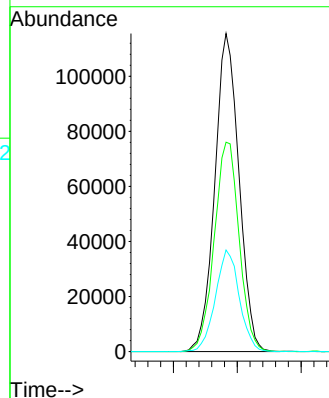
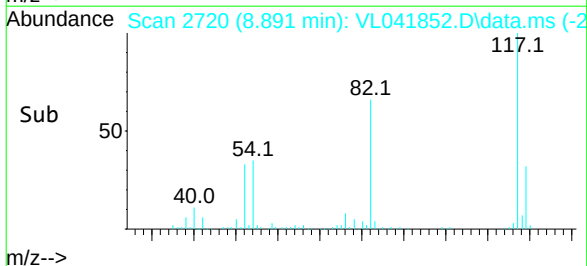
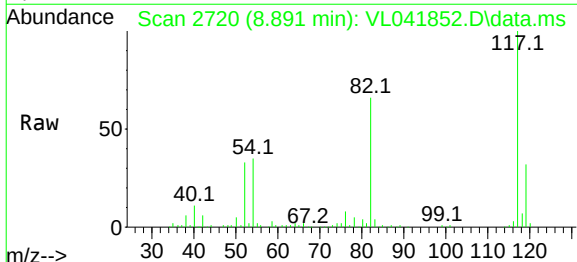
Instrument : MSVOA_1
ClientSampleId : QC010225 CAN 10443

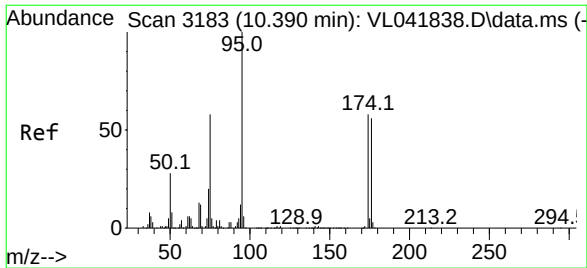
Tgt Ion:	114	Resp:	183339
Ion	Ratio	Lower	Upper
114	100		
63	28.8	22.3	33.5
88	18.7	14.9	22.3



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.891 min Scan# 2720
Delta R.T. -0.007 min
Lab File: VL041852.D
Acq: 07 Jan 2025 19:35

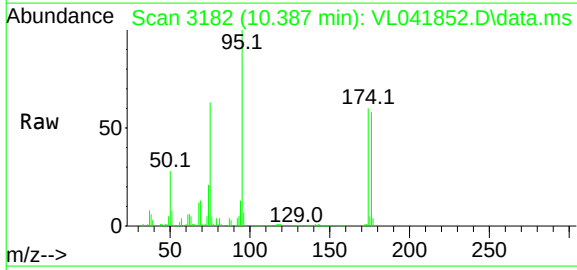
Tgt Ion:	117	Resp:	151920
Ion	Ratio	Lower	Upper
117	100		
82	67.7	59.1	88.7
119	31.6	27.3	40.9





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.484 ppbv
 RT: 10.387 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VL041852.D
 Acq: 07 Jan 2025 19:35

Instrument :
 MSVOA_L
 ClientSampleId :
 QC010225 CAN 10443



Tgt Ion: 95 Resp: 123407

Ion	Ratio	Lower	Upper
95	100		
174	57.9	47.6	71.4
175	4.5	3.8	5.6

