

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031025\
 Data File : VL042139.D
 Acq On : 10 Mar 2025 22:42
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Mar 11 01:33:21 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

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

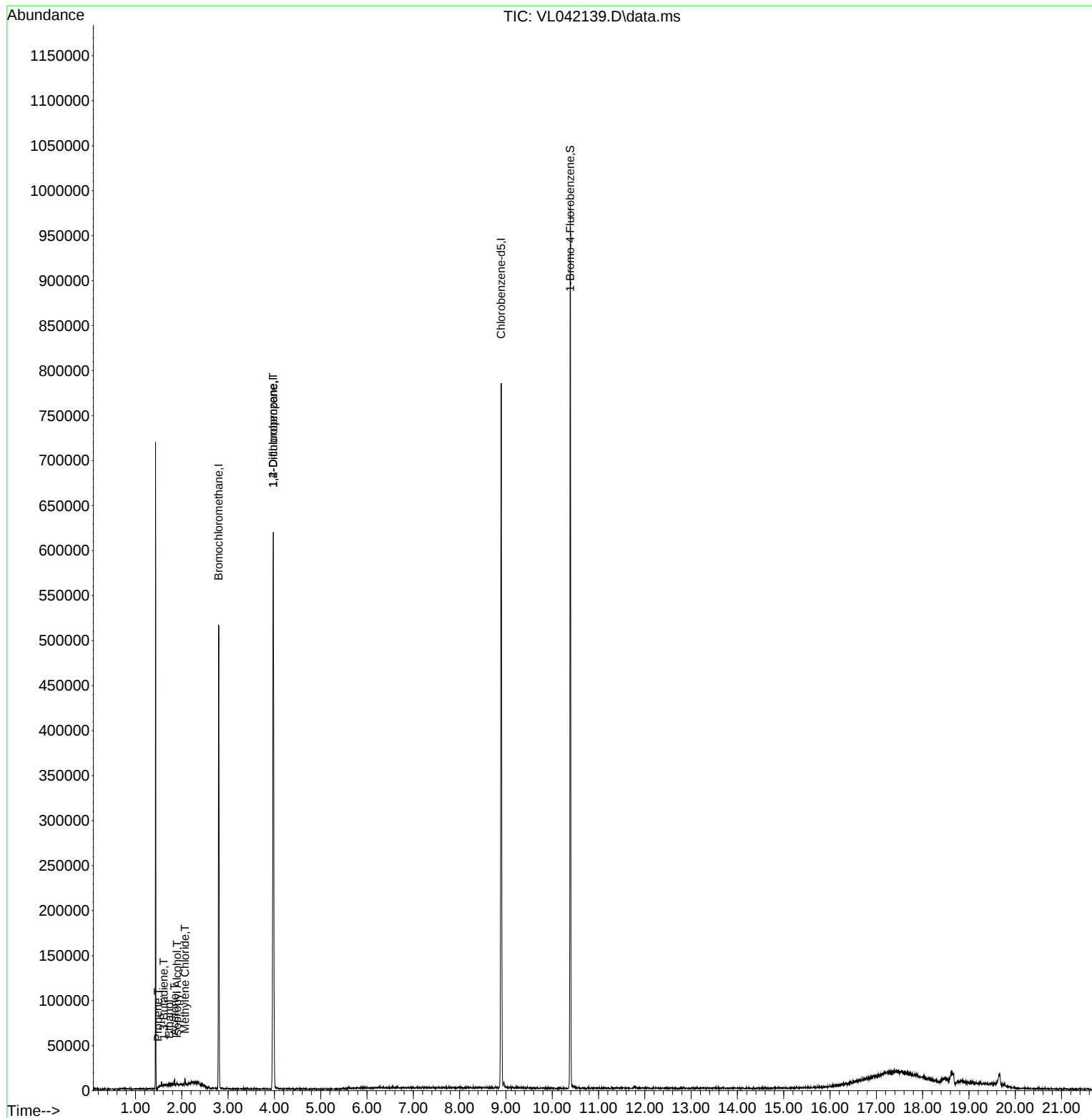
Internal Standards						
1) Bromochloromethane	2.797	49	150552	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.975	114	364749	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.898	117	310968	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.390	95	239317	10.003	ppbv	0.00
Spiked Amount	10.000	Range 65 - 135		Recovery	= 100.000%	
Target Compounds						
					Qvalue	
9) Propene	1.489	41	362	0.041	ppbv #	29
13) Ethanol	1.729	45	300	0.530	ppbv #	1
15) Acetone	1.842	43	2762	0.208	ppbv #	81
16) 1,3-Butadiene	1.612	39	249	0.040	ppbv #	12
19) Isopropyl Alcohol	1.897	45	696	0.091	ppbv #	39
20) Methylene Chloride	2.068	84	1065	0.212	ppbv #	60
39) 1,2-Dichloropropane	3.975	63	91680	6.326	ppbv #	22

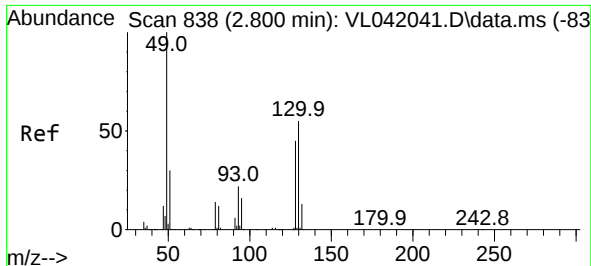
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031025\
Data File : VL042139.D
Acq On : 10 Mar 2025 22:42
Operator : SY/MD
Sample : VIBLK
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Quant Time: Mar 11 01:33:21 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

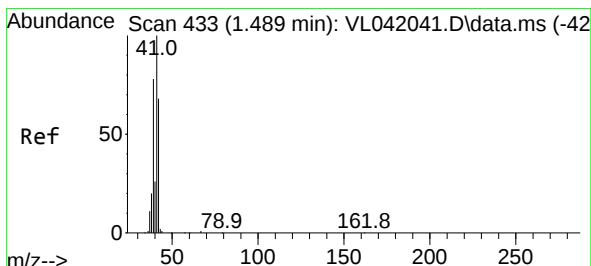
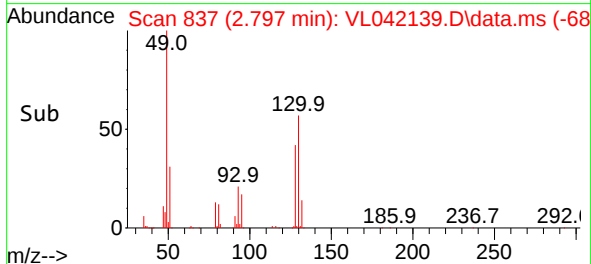
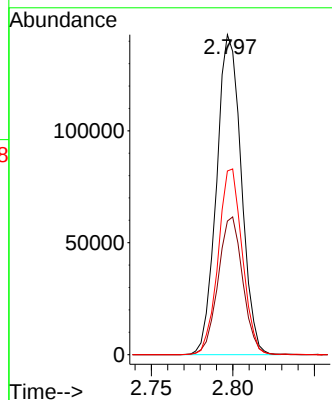
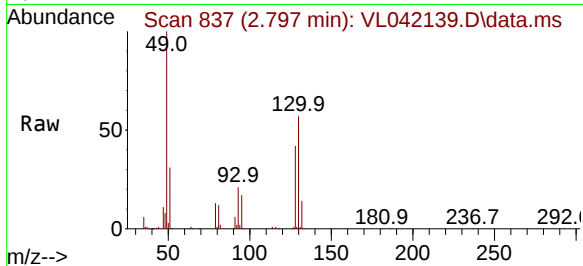




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.797 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VL042139.D
 Acq: 10 Mar 2025 22:42

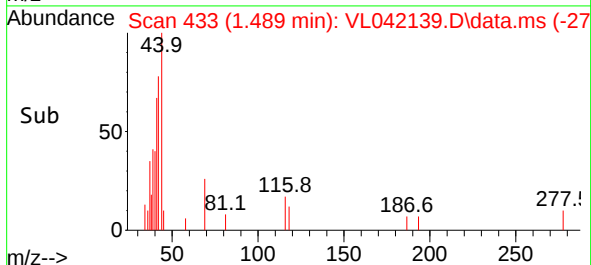
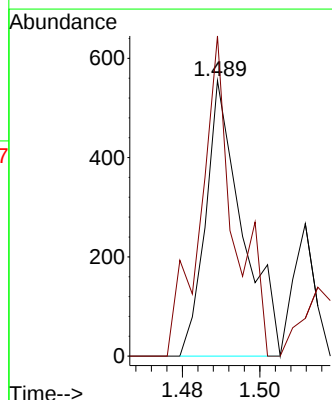
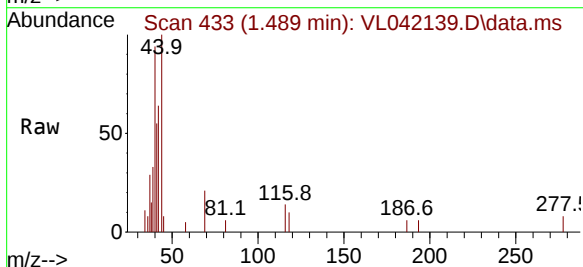
Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

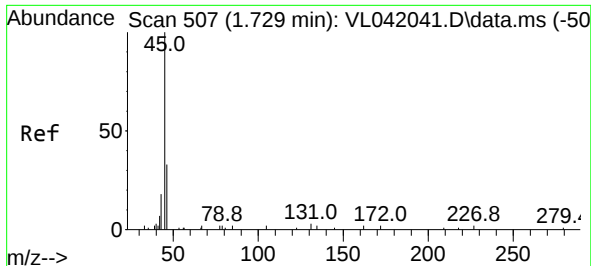
Tgt Ion: 49 Resp: 150552
 Ion Ratio Lower Upper
 49 100
 128 43.0 21.6 64.8
 130 56.7 27.8 83.4



#9
 Propene
 Concen: 0.041 ppbv
 RT: 1.489 min Scan# 433
 Delta R.T. -0.000 min
 Lab File: VL042139.D
 Acq: 10 Mar 2025 22:42

Tgt Ion: 41 Resp: 362
 Ion Ratio Lower Upper
 41 100
 42 128.2 55.8 83.6#

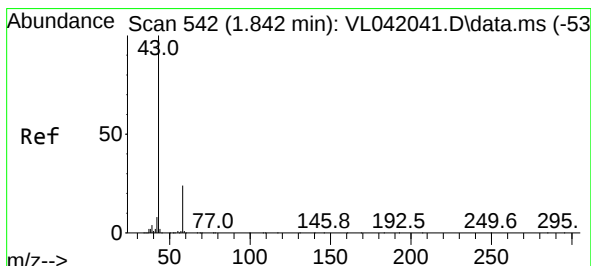
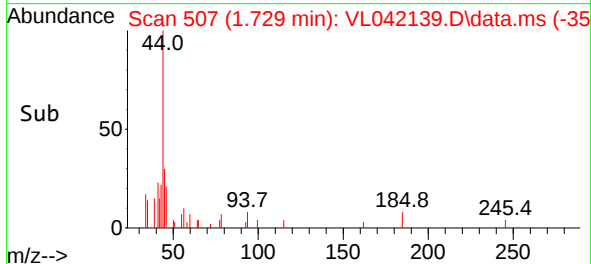
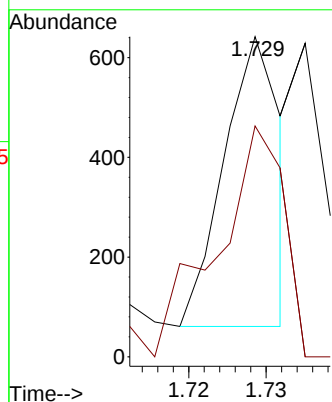
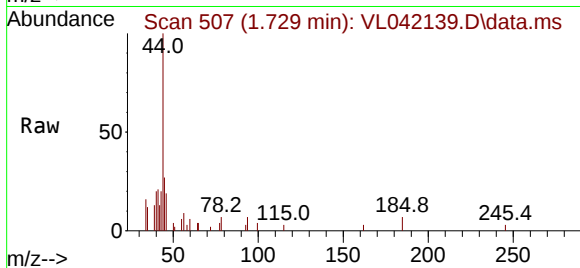




#13
Ethanol
Concen: 0.530 ppbv
RT: 1.729 min Scan# 507
Delta R.T. -0.000 min
Lab File: VL042139.D
Acq: 10 Mar 2025 22:42

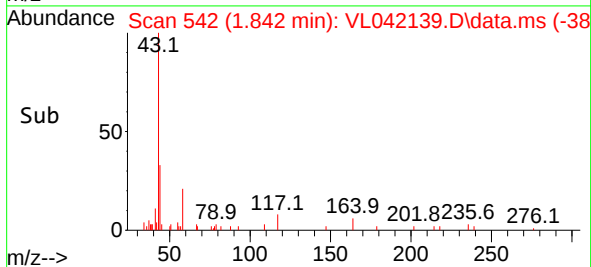
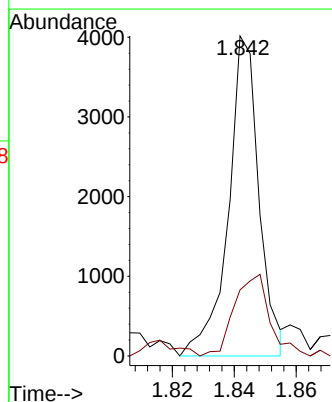
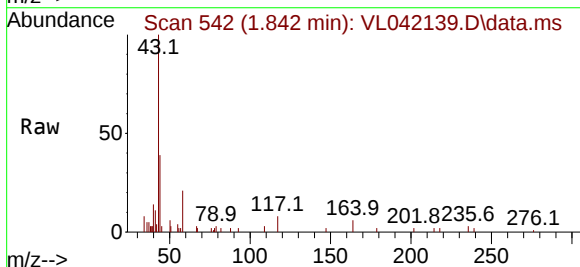
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

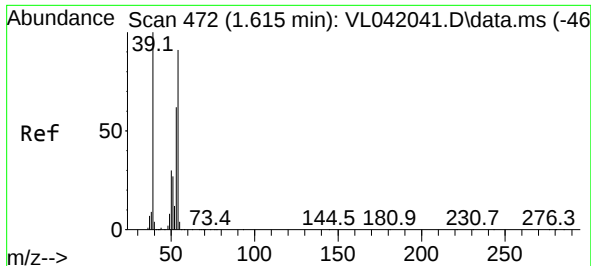
Tgt Ion: 45 Resp: 300
Ion Ratio Lower Upper
45 100
46 126.3 17.1 68.3#



#15
Acetone
Concen: 0.208 ppbv
RT: 1.842 min Scan# 542
Delta R.T. -0.000 min
Lab File: VL042139.D
Acq: 10 Mar 2025 22:42

Tgt Ion: 43 Resp: 2762
Ion Ratio Lower Upper
43 100
58 35.8 20.7 31.1#

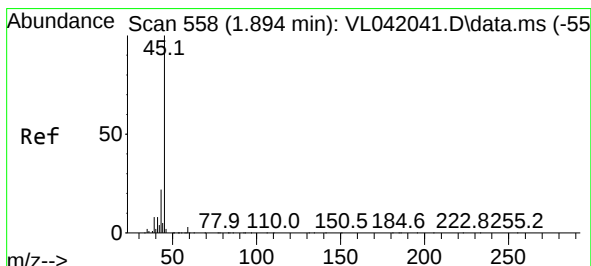
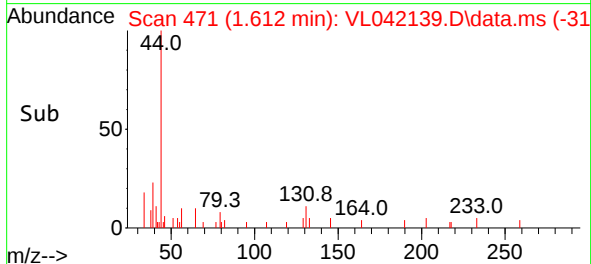
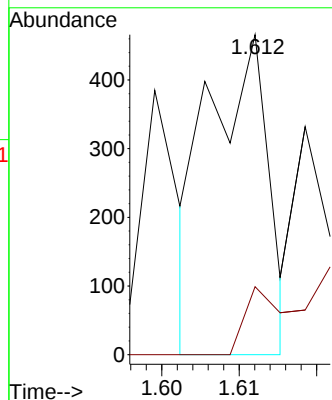
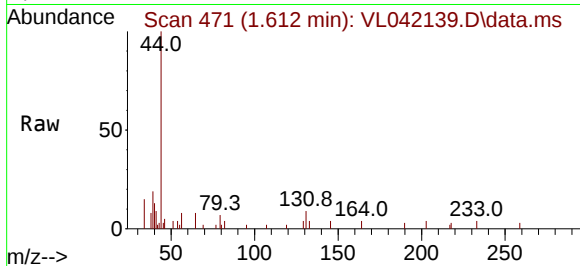




#16
1,3-Butadiene
Concen: 0.040 ppbv
RT: 1.612 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL042139.D
Acq: 10 Mar 2025 22:42

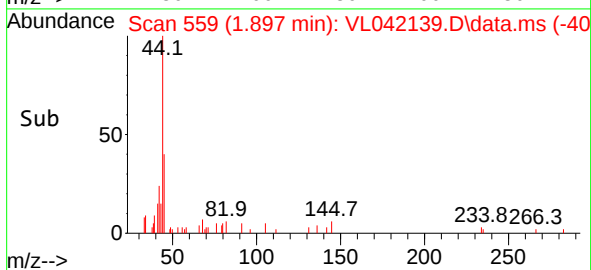
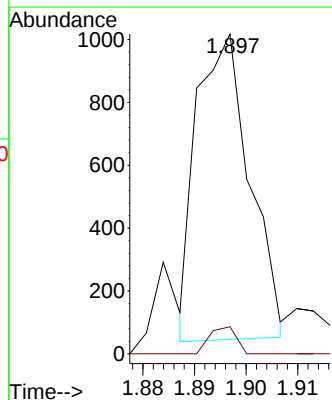
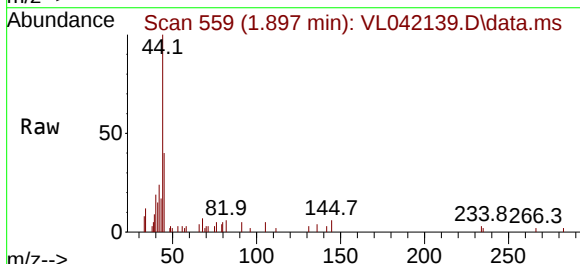
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

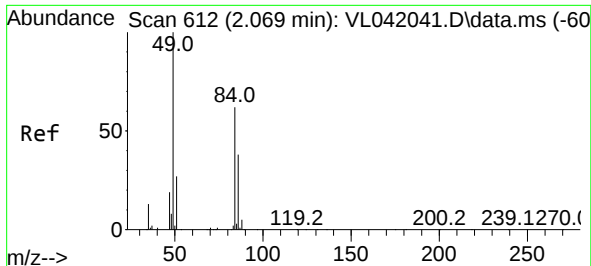
Tgt Ion: 39 Resp: 249
Ion Ratio Lower Upper
39 100
54 0.0 59.6 89.4#



#19
Isopropyl Alcohol
Concen: 0.091 ppbv
RT: 1.897 min Scan# 559
Delta R.T. 0.003 min
Lab File: VL042139.D
Acq: 10 Mar 2025 22:42

Tgt Ion: 45 Resp: 696
Ion Ratio Lower Upper
45 100
58 4.5 35.3 52.9#

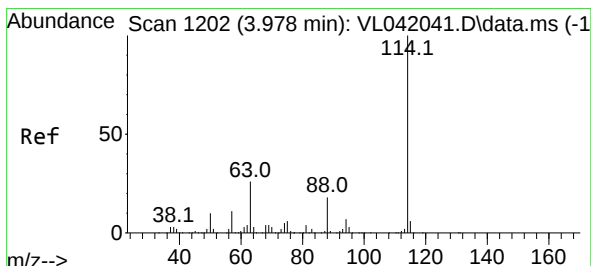
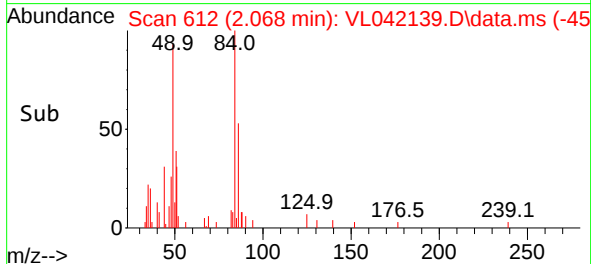
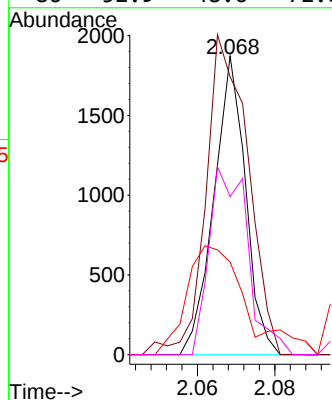
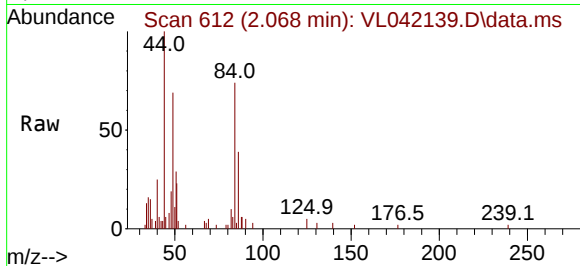




#20
Methylene Chloride
Concen: 0.212 ppbv
RT: 2.068 min Scan# 612
Delta R.T. -0.000 min
Lab File: VL042139.D
Acq: 10 Mar 2025 22:42

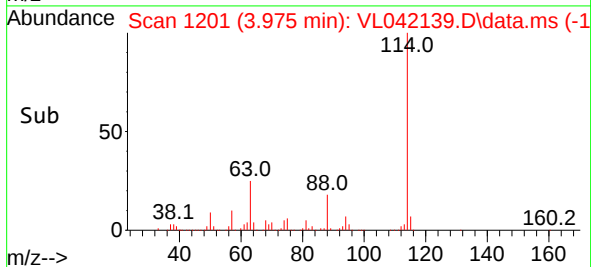
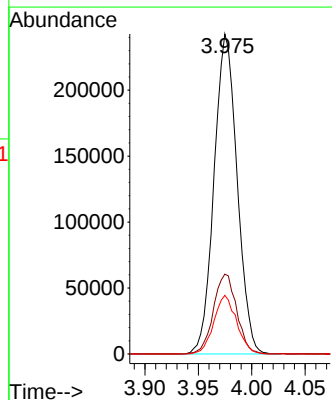
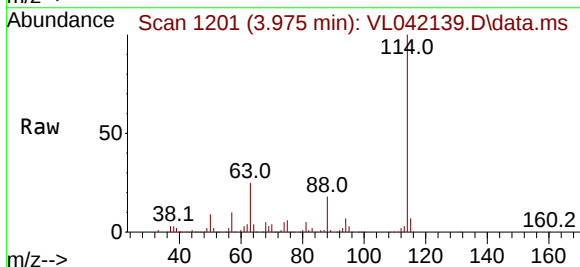
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

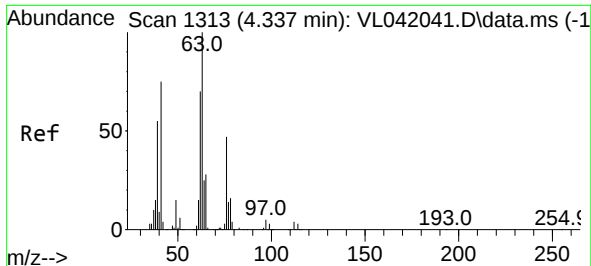
Tgt Ion: 84	Resp: 1065
Ion Ratio	Lower Upper
84 100	
49 93.0	130.0 195.0#
51 22.6	37.4 56.0#
86 52.9	48.6 72.8



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.975 min Scan# 1201
Delta R.T. -0.003 min
Lab File: VL042139.D
Acq: 10 Mar 2025 22:42

Tgt Ion:114	Resp:	364749	
Ion	Ratio	Lower	Upper
114	100		
63	25.2	20.1	30.1
88	18.0	14.3	21.5





#39

1,2-Dichloropropane

Concen: 6.326 ppbv

RT: 3.975 min Scan# 11

Delta R.T. -0.363 min

Lab File: VL042139.D

Acq: 10 Mar 2025 22:42

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

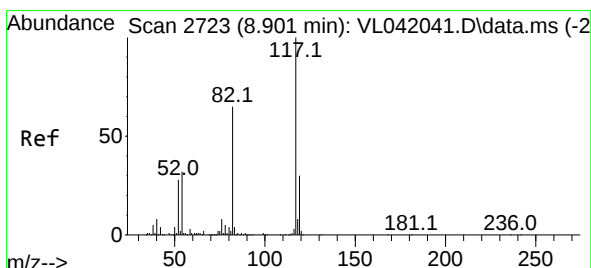
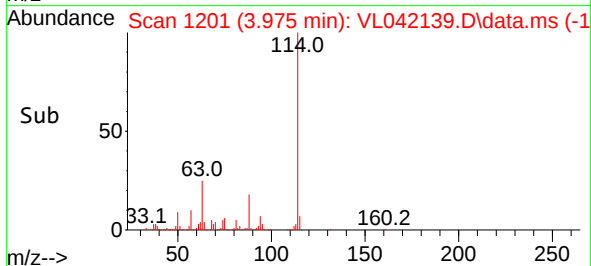
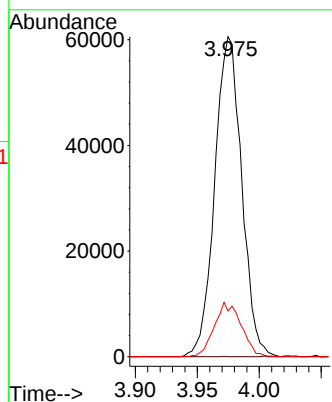
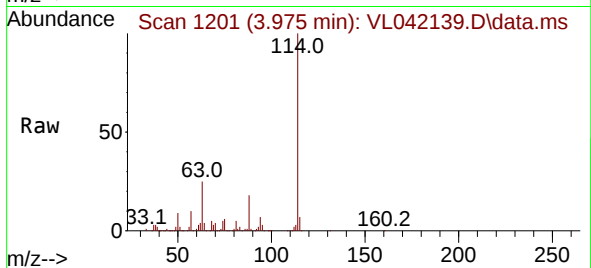
Tgt Ion: 63 Resp: 91680

Ion Ratio Lower Upper

63 100

41 0.0 60.1 90.1#

62 14.3 55.8 83.8#



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.898 min Scan# 2722

Delta R.T. -0.003 min

Lab File: VL042139.D

Acq: 10 Mar 2025 22:42

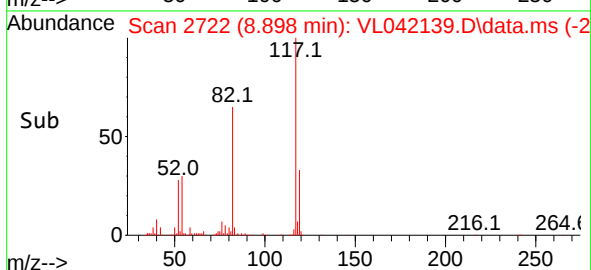
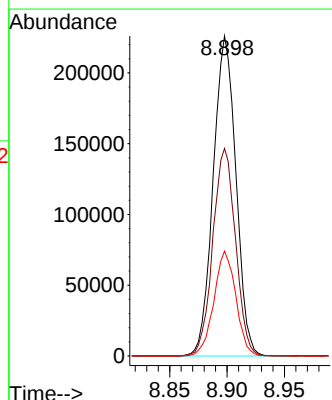
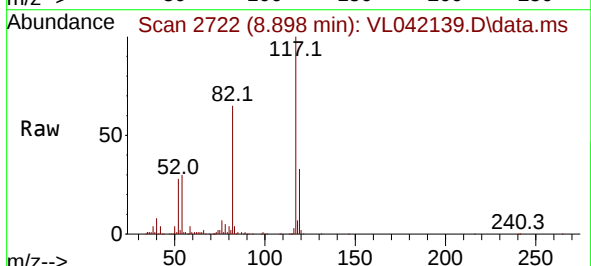
Tgt Ion: 117 Resp: 310968

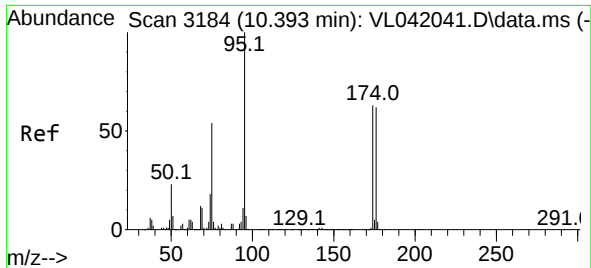
Ion Ratio Lower Upper

117 100

82 64.8 55.0 82.6

119 31.9 25.9 38.9





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.003 ppbv
 RT: 10.390 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VL042139.D
 Acq: 10 Mar 2025 22:42

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Tgt Ion: 95 Resp: 239317
 Ion Ratio Lower Upper
 95 100
 174 65.2 51.8 77.6
 175 4.6 3.9 5.9

