

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090523\
 Data File : VL040651.D
 Acq On : 5 Sep 2023 17:32
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Sep 06 02:06:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Aug 16 05:43:50 2023
 Response via : Initial Calibration

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

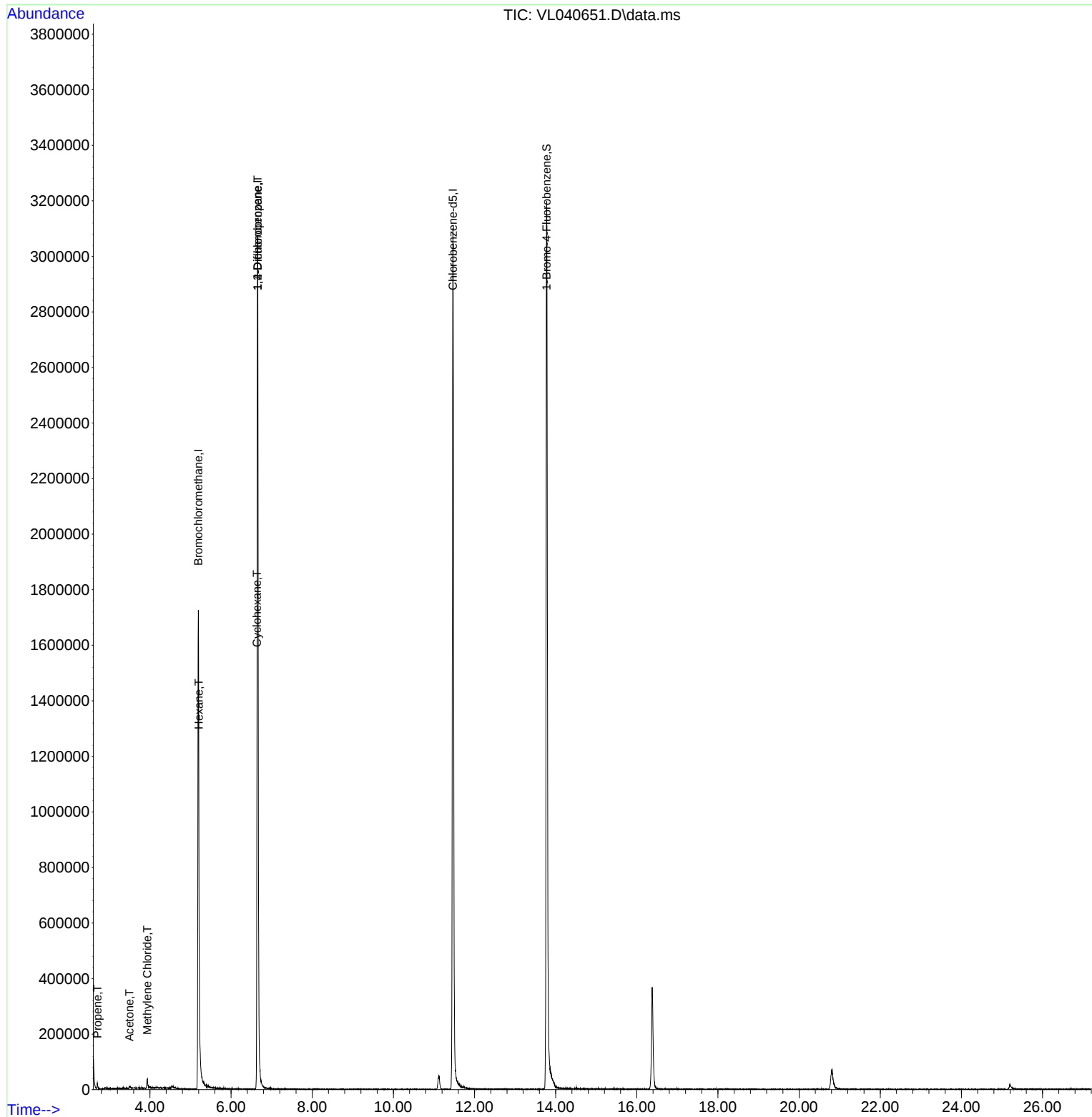
Internal Standards						
1) Bromochloromethane	5.192	49	838256	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2230003	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	1894823	10.000	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	1537102	10.200	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.000%
Target Compounds						
					Qvalue	
9) Propene	2.703	41	3629	0.085	ppbv	89
15) Acetone	3.497	43	6020	0.059	ppbv #	80
20) Methylene Chloride	3.935	84	10217	0.204	ppbv #	79
26) Hexane	5.205	57	3416	0.037	ppbv #	24
30) Cyclohexane	6.639	84	5855	0.082	ppbv #	1
39) 1,2-Dichloropropane	6.655	63	562895	8.340	ppbv #	25

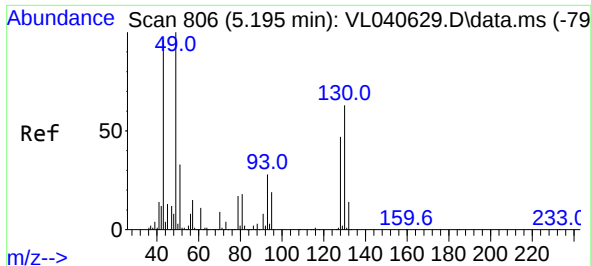
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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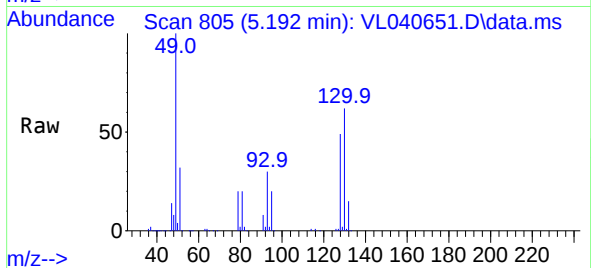
Quant Time: Sep 06 02:06:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081523AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Wed Aug 16 05:43:50 2023
Response via : Initial Calibration



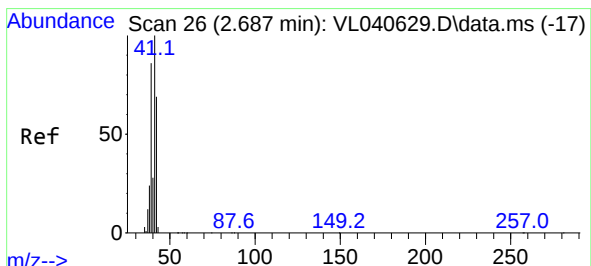
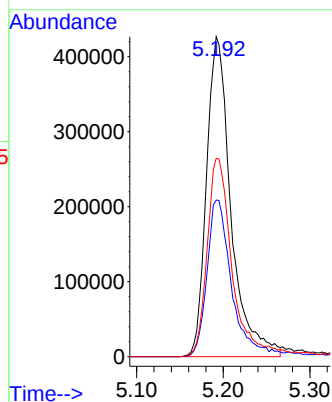
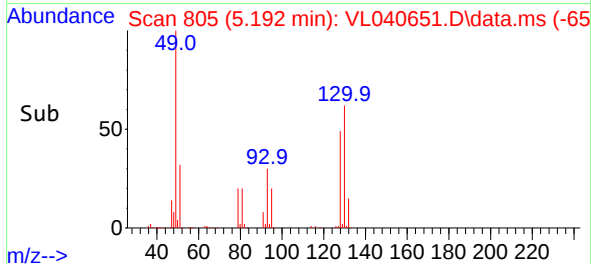


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 80
Delta R.T. -0.003 min
Lab File: VL040651.D
Acq: 5 Sep 2023 17:32

Instrument :
MSVOA_L
ClientSampleId :

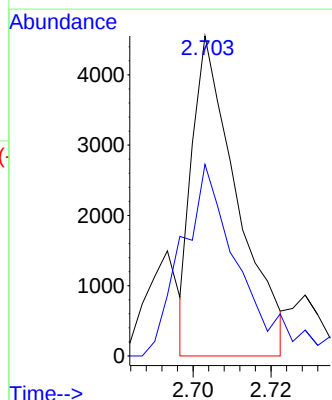
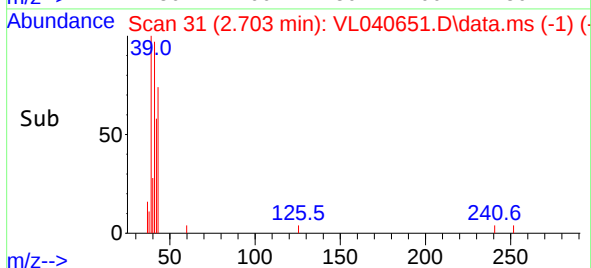
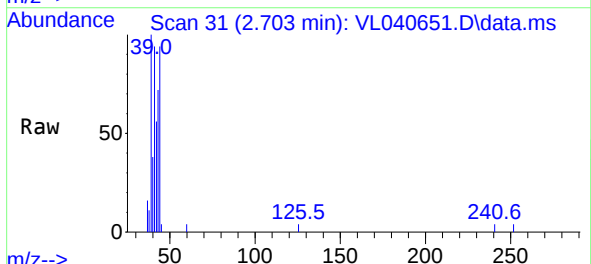


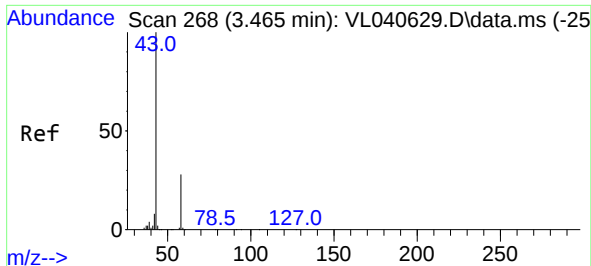
Tgt Ion: 49 Resp: 838256
Ion Ratio Lower Upper
49 100
128 51.5 24.9 74.7
130 65.7 32.2 96.6



#9
Propene
Concen: 0.085 ppbv
RT: 2.703 min Scan# 31
Delta R.T. 0.016 min
Lab File: VL040651.D
Acq: 5 Sep 2023 17:32

Tgt Ion: 41 Resp: 3629
Ion Ratio Lower Upper
41 100
42 80.0 56.5 84.7

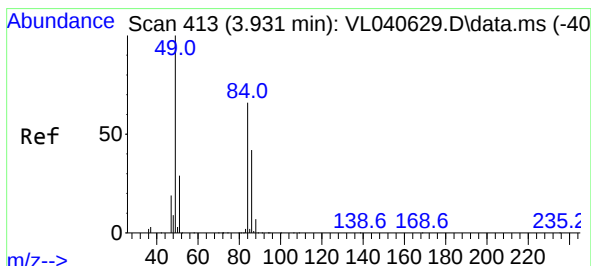
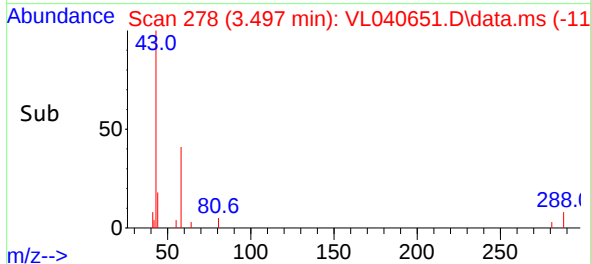
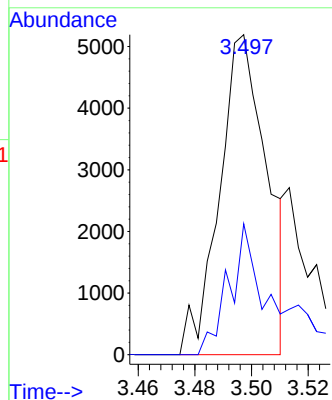
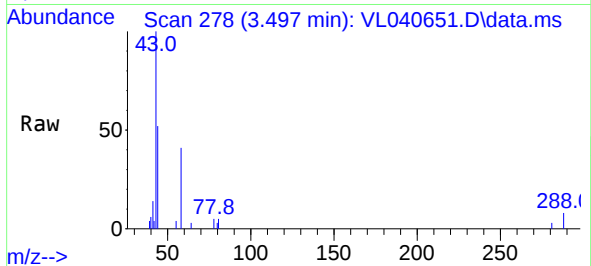




#15
Acetone
Concen: 0.059 ppbv
RT: 3.497 min Scan# 21
Delta R.T. 0.032 min
Lab File: VL040651.D
Acq: 5 Sep 2023 17:32

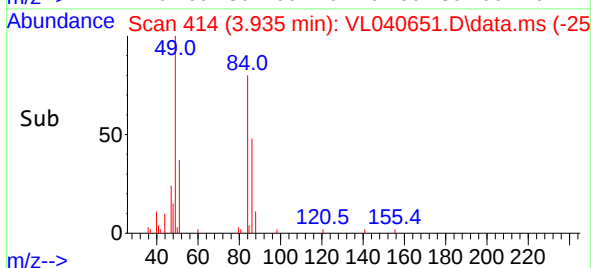
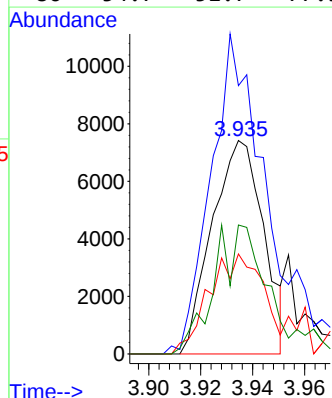
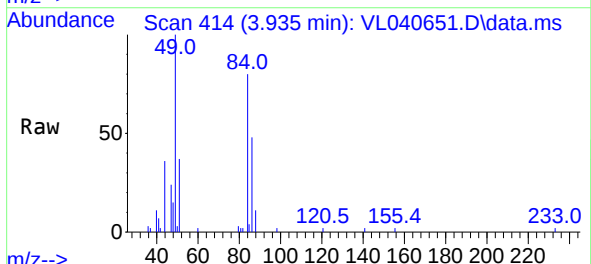
Instrument :
MSVOA_L
ClientSampleId :

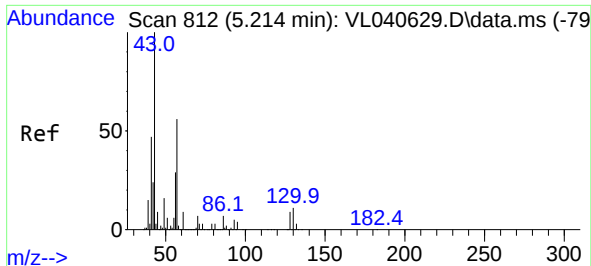
Tgt Ion: 43 Resp: 6020
Ion Ratio Lower Upper
43 100
58 38.4 22.4 33.6#



#20
Methylene Chloride
Concen: 0.204 ppbv
RT: 3.935 min Scan# 414
Delta R.T. 0.003 min
Lab File: VL040651.D
Acq: 5 Sep 2023 17:32

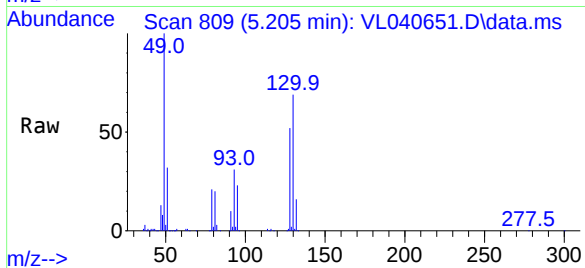
Tgt Ion: 84 Resp: 10217
Ion Ratio Lower Upper
84 100
49 117.1 122.1 183.1#
51 39.5 35.4 53.2
86 54.7 51.7 77.5





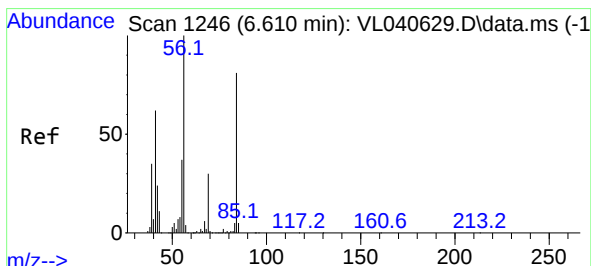
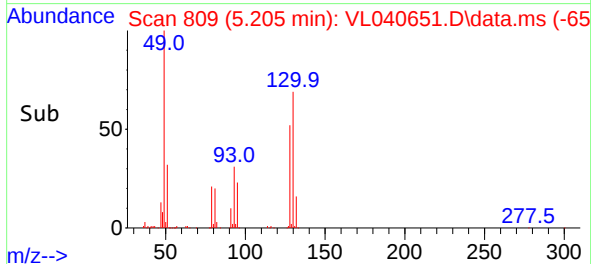
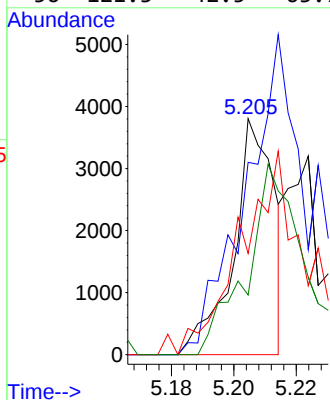
#26
Hexane
Concen: 0.037 ppbv
RT: 5.205 min Scan# 812
Delta R.T. -0.010 min
Lab File: VL040651.D
Acq: 5 Sep 2023 17:32

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 57 Resp: 3416

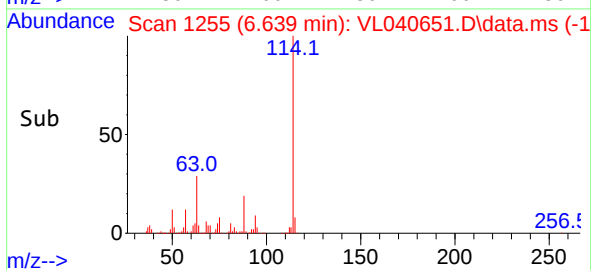
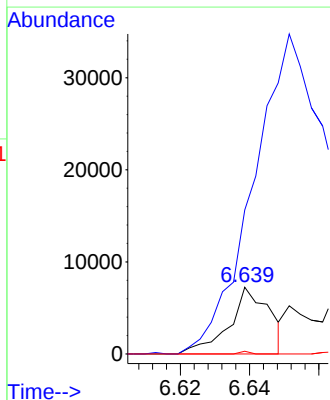
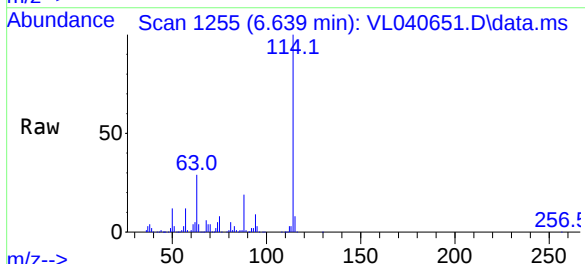
Ion	Ratio	Lower	Upper
57	100		
41	219.6	69.3	103.9#
43	150.3	177.9	266.9#
56	121.3	42.5	63.7#

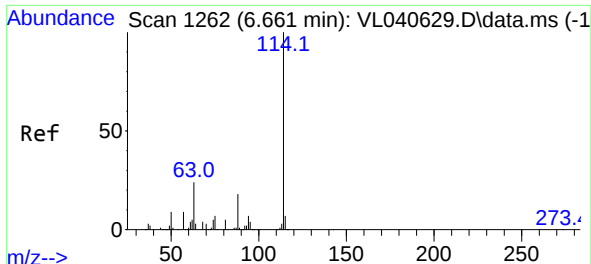


#30
Cyclohexane
Concen: 0.082 ppbv
RT: 6.639 min Scan# 1255
Delta R.T. 0.029 min
Lab File: VL040651.D
Acq: 5 Sep 2023 17:32

Tgt Ion: 84 Resp: 5855

Ion	Ratio	Lower	Upper
84	100		
56	0.0	105.4	158.2#
41	0.0	64.2	96.2#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 11

Delta R.T. -0.007 min

Lab File: VL040651.D

Acq: 5 Sep 2023 17:32

Instrument :

MSVOA_L

ClientSampleId :

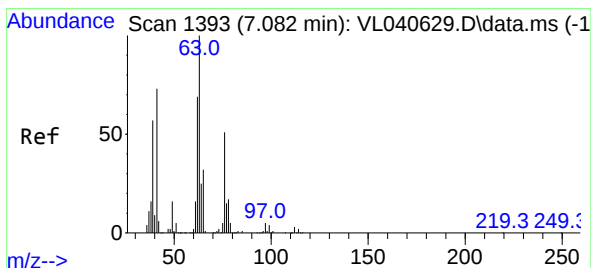
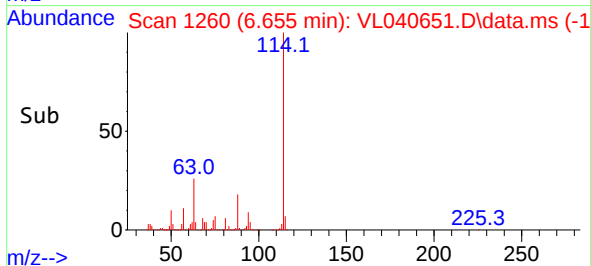
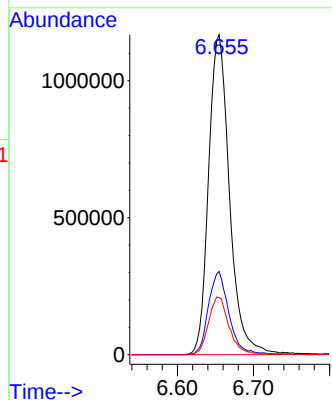
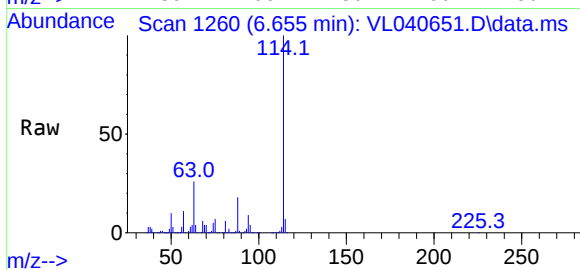
Tgt Ion:114 Resp: 2230003

Ion Ratio Lower Upper

114 100

63 25.8 20.2 30.2

88 18.0 14.1 21.1



#39

1,2-Dichloropropane

Concen: 8.340 ppbv

RT: 6.655 min Scan# 1260

Delta R.T. -0.428 min

Lab File: VL040651.D

Acq: 5 Sep 2023 17:32

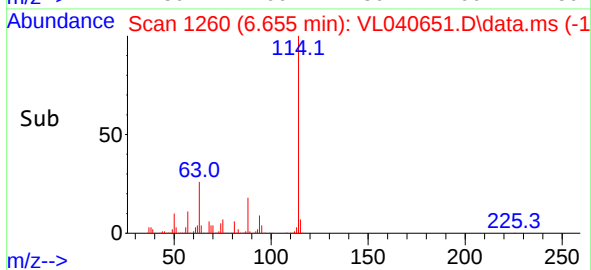
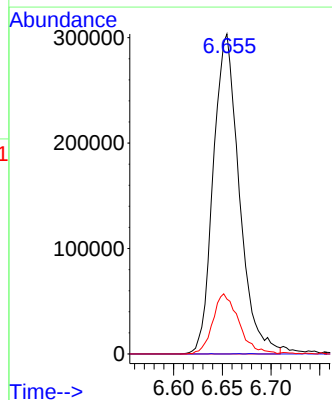
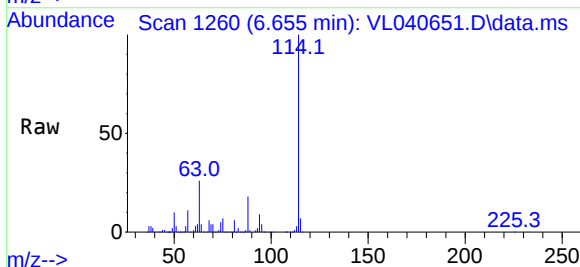
Tgt Ion: 63 Resp: 562895

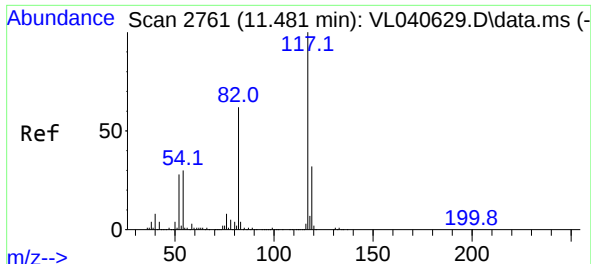
Ion Ratio Lower Upper

63 100

41 0.0 58.2 87.2#

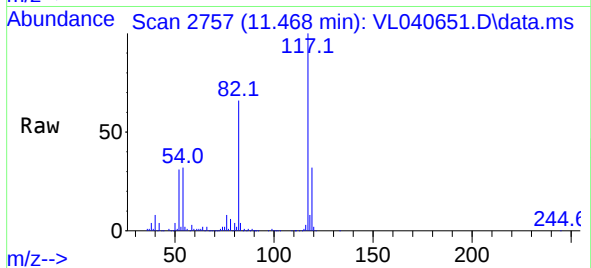
62 17.1 55.0 82.4#





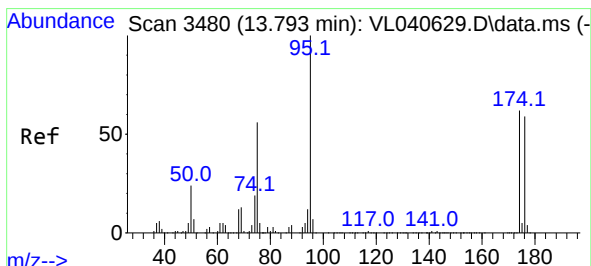
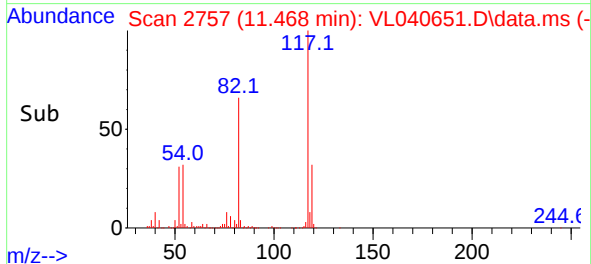
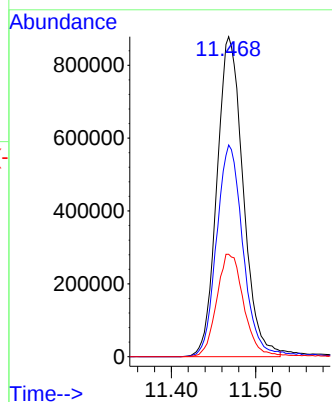
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.468 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL040651.D
Acq: 5 Sep 2023 17:32

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion:117 Resp: 1894823

Ion	Ratio	Lower	Upper
117	100		
82	68.1	49.5	74.3
119	33.6	24.5	36.7



#68
1-Bromo-4-Fluorobenzene
Concen: 10.200 ppbv
RT: 13.777 min Scan# 3475
Delta R.T. -0.016 min
Lab File: VL040651.D
Acq: 5 Sep 2023 17:32

Tgt Ion: 95 Resp: 1537102

Ion	Ratio	Lower	Upper
95	100		
174	63.2	49.1	73.7
175	4.3	3.7	5.5

